

April 2, 2026

The Honorable Debbie Critchfield
State Superintendent of Public Instruction
650 W. State Street, Room 200
Boise, Id 83720

Dear Superintendent, Critchfield:

This letter is to certify the 2025 adjusted market value for the Boise School District, as required by section 63-315, Idaho Code. Attachments include the following:

- 1.) Tax Commission Rule 315, which describes procedures used in computing school district adjusted market value;
- 2.) Statistical information used in developing the adjusted market value; and
- 3.) Tax Commission rules 510 and 511, which indicate the titles of the property categories shown by number on the detailed report.

Urban renewal increment values were subtracted before computing actual and adjusted market values. As has been done for several years, value stratification was used to produce a ratio study deemed more representative of the distribution of property values in the school district. Additional supportive documentation again has been included. Complete listings of all sales used in the school district ratio study will be maintained by our agency and are available on request.

If you have any questions concerning this certification, please feel free to contact me at 334-7500, George Brown, the Division Administrator for the Property Tax Division, at 334-7733, or Alan Dornfest, who coordinated completion of this project, at 334- 7742.

Sincerely,



Paul Woods
Commissioner, Idaho State Tax Commission

cc. George Brown, Property Tax Division Administrator
Alan S. Dornfest, Property Tax Policy Bureau Chief
County Auditors and Assessors
Enclosure

Calculations of Adjusted Market Values

	CATEGORY	2025 ACTUAL MARKET VALUE	RATIO*	2025 ADJUSTED MARKET VALUE
BOISE INDEPENDENT #1	1	2,457,100		2,457,100
	2	0		0
	3	1,106,600		1,106,600
	4	81,500		81,500
	5	3,727,750		3,727,750
	6	19,840		19,840
	7	0		0
	8	0		0
	9	28,600		28,600
	10	37,867,699		39,217,121
	11	11,505,900		11,505,900
	12	113,232,975		117,245,031
	13	19,374,400		19,374,400
	14	29,352,300		29,352,300
	15	1,052,740,625		1,138,074,596
	16	5,858,800		5,858,800
	17	42,354,100		42,354,100
	18	129,608,200		129,765,086
	19	0		0
	20	14,312,894,577		15,827,102,931
	21	4,152,354,052		4,007,387,152
	22	771,108,100		771,108,100
	25	283,900		283,900
	26	1,037,317,611		1,096,539,845
	27	1,006,277,100		1,055,413,149
	30	131,400		131,400
	31	52,081,675		52,081,675
	32	3,797,900		3,797,900
	33	11,949,200		11,949,200
	34	111,542,125		117,057,750
	35	12,438,400		12,438,400
	36	15,391,400		15,391,400
	37	1,279,324,820		1,415,243,379
	38	11,451,200		11,451,200
	39	24,821,000		24,821,000
	40	16,570,900		16,570,900
	41	14,526,375,237		16,058,707,686
	42	8,865,168,291		8,536,933,739
	43	996,670,800		1,014,158,957
	44	0		0
	45	28,007,800		28,007,800
	46	17,908,559		19,691,160
	47	0		0
	48	36,360,920		40,095,406
	49	0		0
	50	6,668,050		7,385,369
	51	584,653,800		584,653,800
	55	0		0
	56	888,100		888,100
	57	0		0
	59	577,931,200		577,931,200
	62	0		0
	63	0		0
	64	0		0
	65	91,753,268		101,623,670
	66	0		0
	68	178,765,000		178,765,000
	69	0		0
	70	0		0
	71	12,594,300		12,594,300
	72	8,815,200		8,815,200
	Utility Value	558,987,583		558,987,583
	TOTALS:	50,760,599,857	0.9451	53,708,176,976

witnesses' oral statements. Copies of written materials (including copies of visual presentations) will be provided to each Tax Commissioner, the Tax Commission's Assistant to the State Tax Commission/Board, and the Staff. At the conclusion of a witness' testimony, Tax Commissioners may pose questions. The party with the burden of proof on the matter to be considered will present first and may make a closing presentation. This closing presentation should be limited to the subject matter and evidence presented during the proceeding. (7-1-24)

f. Testimony under oath. All testimony to questions of fact to be considered by the Tax Commission in hearings, except matters noticed officially or entered by stipulation, will be under oath. Before testimony is presented each person will swear, or affirm, that the testimony he is about to give will be the truth. Attorneys may present oral and written legal argument on behalf of clients as part of the presentation by the party they represent. (7-1-24)

g. Rules of evidence. No informality in any proceeding or in the manner of taking testimony will invalidate any order or decision made by the Tax Commission. Unless otherwise provided in these rules the Idaho Rules of Evidence will be generally followed but may be modified at the discretion of the Tax Commission to aid in ascertaining the facts. When objection is made to the admissibility of evidence, the evidence may be received subject to later ruling by the Tax Commission. The Tax Commission, at its discretion either with or without objection may limit or exclude inadmissible, incompetent, cumulative or irrelevant evidence. Parties objecting to the introduction of evidence will briefly state the grounds of objection at the time such evidence is offered. (7-1-24)

h. Recessing hearing for conference. In any proceeding the presiding officer may, at his discretion, call both parties together for a conference prior to the taking of testimony, or may recess the hearing for a conference. The presiding officer will state on the record the results of the conference. (7-1-24)

i. Transcript. An official electronically recorded transcript of the hearing may be taken at the discretion of the Tax Commission when requested by a party. A petitioner desiring the taking of stenographic notes by a qualified court reporter may notify the Tax Commission in writing and will arrange for the hiring of a reporter and bear the expense of the reporter's fees. If the reporter's transcript is deemed by the Tax Commission or presiding officer as the official transcript of the hearing, the petitioner will furnish the Tax Commission a transcript free of charge. (7-1-24)

j. Transcript copies. A request for a copy of a transcript of proceedings at any hearing must be in writing or on the record. Upon completion of the transcript, the Tax Commission will notify the person requesting a copy of the fee for producing the transcript. Upon receipt of the fee, the Tax Commission will send a copy of the transcript. (7-1-24)

408. RE-EXAMINATION OF VALUE -- COMPLAINT BY ASSESSOR.
Section 63-408, Idaho Code

01. Information to be Provided by the Tax Commission. After initial values are established and sent to the respective taxpayers, the Tax Commission will send to each county assessor a statement of the value allocated to Idaho for each centrally assessed taxpayer, together with the previous year's Idaho value for that taxpayer. (7-1-24)

02. Complaint. On or before July 1, an assessor may file a written complaint requesting the Tax Commission examine the value of operating property. The complaint must be in writing and contain clear and concise questions regarding the valuation and allocation in question. The Tax Commission will send a copy of the complaint promptly to the taxpayer. (7-1-24)

03. Meeting to Examine Valuation and Allocation. Upon receipt of a complaint, the Tax Commission will schedule a meeting between the staff appraiser(s) who performed the valuation and the assessor. Notice of this meeting is sent to the taxpayer in question. At this meeting, the staff appraiser(s) will answer the assessor's questions to the best of his knowledge. The taxpayer or representative may participate in this meeting. (7-1-24)

409. -- 410. (RESERVED)

411. PRIVATE CAR REPORTING BY RAILROAD COMPANIES.

Section 63-411, Idaho Code

The president or other officer of each railroad company whose railroad tracks run through, in, or into Idaho will, by April 15 of each year file a report with the Tax Commission that includes the following: (7-1-24)

01. Name of Reporting Railroad Company. Report the name of the railroad company making the report. (7-1-24)

02. Name of Private Railcar Fleet. Report the name of each private railcar fleet, defined under Sections 63-201(14) and 63-411, Idaho Code, having traveled on the reporting railroad company's track. (7-1-24)

03. Private Railcar Fleet's Address. Report the business address of each reported private railcar fleet. (7-1-24)

04. Car Type. Report the type of cars by identifying symbol. (7-1-24)

05. Marks. Report the car marks. (7-1-24)

06. Miles Traveled. Report the total number of miles traveled on the reporting railroad's track, including main line, branches, sidings, spurs, and warehouse or industrial track in Idaho during the year ending December 31 of the preceding year. (7-1-24)

412. (RESERVED)

413. SPECIAL PROVISIONS FOR PRIVATE RAILCAR FLEETS.

Section 63-411, Idaho Code

01. Definitions. (7-1-24)

a. The Idaho miles are the total number of miles traveled in Idaho by all cars in the private railcar fleet during the calendar year immediately preceding the current tax year. (7-1-24)

b. The Idaho market value is that portion of the system value that reflects the value of that part of the private railcar fleet located in Idaho during all or part of a tax year. (7-1-24)

c. The system miles are the total number of miles, both in and out of Idaho, traveled by all cars in the private railcar fleet during the calendar year immediately preceding the current tax year. (7-1-24)

d. The system value is the value of the entire private railcar fleet regardless of the location of its various components. (7-1-24)

02. Railcar Valuation, Allocation and Apportionment. The Tax Commission will appraise the system value of each private railcar fleet and allocate a portion of the system value to Idaho to obtain the Idaho market value as set forth below. The Idaho market value will be apportioned to the appropriate counties in Idaho pursuant to Section 63-411, Idaho Code. (7-1-24)

03. Allocation. System value is allocated using the "miles to miles" method of allocation. (7-1-24)

04. "Miles to Miles" Method of Allocation. The Tax Commission will divide Idaho miles by system miles and multiply the quotient by five-tenths (0.5). The product of this calculation will be multiplied by the system value to determine Idaho market value. (7-1-24)

414. (RESERVED)

415. APPORTIONMENT OF RAILCAR FLEET'S ASSESSED VALUES WITHIN THE STATE.

Section 63-411, Idaho Code

01. Private Railcar Fleet Apportionment. Railroad track miles will be used for the apportionment of

each private railcar fleet's assessed value when the value within Idaho equals five hundred thousand dollars (\$500,000) or more. The Idaho value of each private railcar fleet will be multiplied by a ratio of this private railcar fleet's mileage for each railroad to this private railcar fleet's total mileage in Idaho and divided by the in-service main track mileage of that particular railroad, to obtain a rate per mile. This rate per mile is multiplied by the in-service main track mileage in each county and tax code area to calculate the apportioned value. For the purpose of apportioning value by miles traveled, main track includes branch lines, as well as main lines, but does not include industrial spurs, sidings or passing tracks. (7-1-24)

02. Determination of Average Tax Rate -- Private Railcar Fleets Under Five Hundred Thousand Dollars Assessed Value. For private railcar fleets having an assessed value of less than five hundred thousand dollars (\$500,000), the average tax rate is computed each year by dividing the current taxes for all private railcar fleets with assessed value of five hundred thousand dollars (\$500,000) or more by the current Idaho value of all such fleets. By November 15 of each year, each county treasurer must provide the Tax Commission with the amount of taxes due from all private railcar fleets in the county. (7-1-24)

416. (RESERVED)

417. PENALTY FOR FAILURE TO MAKE STATEMENT.

If a private railcar fleet fails or refuses to file the operator's statement as provided by Section 63-404, Idaho Code, by April 30 of each year, the Tax Commission will add a penalty. The penalty is fifty percent (50%) of the assessed value, determined by the Tax Commission, as provided by Section 63-411, Idaho Code. When an emergency exists, the company may petition the Tax Commission for an extension of time for filing, not to exceed thirty (30) days. For such petition to be valid it must be submitted in writing to the Tax Commission by April 30 of each year. (7-1-24)

418. -- 508. (RESERVED)

509. ABSTRACTS OF VALUE.

Sections 63-105A, 63-509, 50-2903, Idaho Code

01. Definitions. (7-1-24)

a. Primary category means the categories established and described by Subsections 130.01. (7-1-24)

b. Secondary Category. Secondary category means the categories established and described by Rules 510, 511, and 512 of these rules. (7-1-24)

c. Secondary Category 81. To list exempt land, improvements, or personal property use category 81. (7-1-24)

d. Abstract. A document summarizing net taxable value and market value for assessment purposes (full market value) by secondary category of property. Abstracts are submitted as required in Rule 115 of these rules. (7-1-24)

02. Additional Information to be Included. The abstract must also report and subtract the value of exemptions required to be reported under Section 63-509, Idaho Code, increment value as defined in Section 50-2903, Idaho Code, and the value of any exemption provided under Sections 63-602W(4), 63-602GG, 63-602HH, 63-602II, 63-602NN, 63-4502, 63-606A, and 63-3029B, Idaho Code. (7-1-24)

03. Verification of Abstracts. The abstract of the property rolls prepared by the county auditor will be considered duly verified provided that the auditor signs a document indicating: (7-1-24)

a. That the required summary information is based on the most current available information received from the assessor following the conclusion of the county board of equalization. (7-1-24)

b. That the assessor certifies to the auditor that all changes, corrections, additions, and exemptions entered onto the rolls as a result of county board of equalization action have been duly entered. (7-1-24)

a. Motor vehicle means any vehicle as defined in Section 49-123(2), Idaho Code, and any recreational vehicle as defined in Section 49-119(6,) Idaho Code, and any personal property permanently affixed to any of those vehicles. (7-1-24)

b. Exempt Motor Vehicles. Except as provided in Subsection 612.03 of this rule, any motor vehicle, as defined in Subsection 612.01 of this rule, registered for any part of the previous year under Chapter 4, Title 49, Idaho Code, is exempt from property taxation under Sections 49-401 and 63-602J, Idaho Code. (7-1-24)

c. Taxable Vehicles. The following registered or permitted vehicles are taxable and not eligible for the exemption under Sections 49-401 and 63-602J, Idaho Code: (7-1-24)

i. Any vehicle issued a permit in lieu of registration under Section 49-432, Idaho Code; and (7-1-24)

ii. Any manufactured home registered under Section 49-422, Idaho Code. (7-1-24)

02. Exempt Permanently Affixed Personal Property. Except as provided in Subsection 612.05 of this rule, any personal property permanently affixed to any motor vehicle registered as described in Subsection 612.02 of this rule is part of that vehicle. Hence, that permanently affixed personal property is exempt from property taxation under Section 63-602J, Idaho Code. (7-1-24)

03. Taxable Personal Property. The following personal property, not otherwise exempt under Chapter 6, Title 63, Idaho Code, is taxable and not eligible for the exemption under Section 63-602J, Idaho Code. (7-1-24)

a. Any personal property on, but not permanently affixed to, any motor vehicle registered as described in Subsection 612.02 of this rule. (7-1-24)

b. Any personal property on or affixed, permanently or otherwise, to any vehicle issued a permit in lieu of registration under Section 49-432, Idaho Code. (7-1-24)

c. Any personal property on or affixed, permanently or otherwise, to any utility trailer registered under Section 49-402A, Idaho Code. (7-1-24)

04. Recreational Vehicles. The owner of a recreational vehicle, as defined in Section 49-119(6), Idaho Code, must pay a recreational vehicle annual license fee as authorized by Section 49-445, Idaho Code, and as computed in accordance with Rule 020 of these rules in order to be exempt under Section 63-602J, Idaho Code. (7-1-24)

a. Recreational vehicles that qualify for licensing and registration and have paid the required registration fee by August 31 each year are eligible for the exemption provided in Section 63-602J, Idaho Code. The owners of recreational vehicles that do not qualify or have not paid the fee must be sent a valuation assessment notice for the recreational vehicle after the August 31 deadline. The assessment of the recreational vehicle is subject to cancellation as provided in Rule 020, provided any applicable registration fee is paid before the fourth Monday of November. (7-1-24)

b. The provisions of Paragraph 612.06.a. of this rule apply to a park model recreational vehicle unless it is determined by the assessor to: (7-1-24)

i. Be permanently attached to a foundation; or (7-1-24)

ii. Have an attached building addition; or (7-1-24)

iii. Have been substantially modified and no longer meet the definition of a park model recreational vehicle. (7-1-24)

05. Taxable Real Property Associated with Vehicles. Associated property, other than the vehicle itself, is taxable unless another exemption applies. Such property may be eligible for the exemption provided in

Section 63-602G, Idaho Code, regardless of whether the vehicle is exempt as provided in Section 63-602J, Idaho Code. (7-1-24)

613. -- 614. (RESERVED)

615. PROPERTY EXEMPT FROM TAXATION - CERTAIN INTANGIBLE PERSONAL PROPERTY.

Section 63-602L, Idaho Code

01. Definitions. (7-1-24)

a. Contracts and contract rights are enforceable agreements, which establish mutual rights and responsibilities, and rights created under such agreements. Contracts and contract rights do not include tax credits received by low-income housing properties under Section 42 of the Internal Revenue Code. (7-1-24)

b. Copyrights rights granted to the author or originator of literary or artistic productions, by which he or she is invested with the sole and exclusive privilege of making, publishing or selling copies for a specified time. (7-1-24)

c. Custom computer programs means those programs defined in Section 63-3616, Idaho Code. (7-1-24)

d. Customer lists are proprietary lists containing information about a business enterprise's customers. (7-1-24)

e. Franchises are special privileges. (7-1-24)

f. Goodwill is the expectation of continued public patronage of a business. Goodwill is the ability of a business to generate income in excess of a normal rate due to such things as superior managerial skills, superior market position, favorable community and customer reputation and high employee morale. (7-1-24)

g. Licenses are permissions to do acts, which are not allowed without such permissions. (7-1-24)

h. Method A is the method by which the value of exempt intangible personal property is excluded from the value of operating property by subtracting the market value of exempt intangible personal property from the market value of the operating property at the system level. (7-1-24)

i. Method B is the method by which the value of exempt intangible personal property is excluded from the value of operating property by subtracting the market value of exempt intangible personal property from the market value of the operating property at the state level. (7-1-24)

j. Method C is the method by which the value of exempt intangible personal property is excluded from the value of operating property by using valuation models which value only the non-exempt assets. (7-1-24)

k. Patents are grants from the government conveying and securing the exclusive right to make, use and sell inventions. (7-1-24)

l. Rights-of-way which are possessory only and not accompanied by title are easements by which grantees acquire only the rights to pass over or to access for installation or maintenance, without acquiring exclusive use of the rights-of-way. (7-1-24)

m. Trademarks are marks of authenticity, through which products of particular manufacturers or vendible commodities of particular merchants may be distinguished from those of others. (7-1-24)

n. Trade secrets are formulas, patterns, compilations, programs, devices, methods, techniques or processes, deriving independent economic values from not being generally known by other persons who can obtain economic values from disclosure or use. Trade secrets are the subjects of efforts that are reasonable to maintain secrecy. (7-1-24)

02. Tangible Property Value Not Affected by Intangible Personal Property Value. The values of the exempt intangible personal properties will not affect the values of any tangible properties or the value of the attributes of any tangible properties, regardless of the role of the intangible personal properties in the use of the tangible properties. The exempt values will not include any values attributable to availability of a skilled work force, condition of surrounding property, geographic features, location, rights-of-way, accompanied by title, view, zoning, and attributes or characteristics of real properties. (7-1-24)

03. Operating Property Election, Reporting and Methods. The following apply to operating property for the identification of valuation methods to be used by the Tax Commission, election of Method A, Method B, or Method C by the property owners, reporting by owners and valuation using Method C. (7-1-24)

a. Identification of valuation methods. When the Tax Commission mails the blank Operators' Statements to the property owners, the Tax Commission will identify proposed changes in valuation methods compared to those relied on in the prior year. (7-1-24)

b. Election default. In the event of default of the taxpayer to make an election, the Tax Commission will use the method proposed in the notice accompanying the Operator's Statement. (7-1-24)

c. Election of exclusion method. When submitting the Operator's Statement, the owner has the right to elect the method for exclusion of the values of the exempt intangible personal properties from the operating property value. (7-1-24)

d. Amending Election. An owner may amend the elected method if written notice is received at least seven (7) business days prior to a hearing under Rule 407 of these rules. (7-1-24)

e. Reporting. The Tax Commission will consider the value and supporting data provided by the owners. If no supporting intangibles valuation information is provided by the owners, known exempt intangible personal property will be subtracted or will not be included in the value. (7-1-24)

f. Valuation using Method C. When the owner elects Method C, the Tax Commission will give primary consideration to the cost less depreciation model, without regulatory adjustment, in valuing tangible personal property and non-exempt intangible personal property. Only if this model fails to produce market value of the tangible personal property and nonexempt intangible personal property, will the Tax Commission consider other appropriate valuation models. (7-1-24)

04. Personal Property Reporting for Locally Assessed Property. The exemption for custom software, contracts and contract rights is claimed by including such property on the owner's personal property declaration form. (7-1-24)

616. (RESERVED)

617. AGRICULTURAL LAND VALUATION DEFINITIONS AND GUIDELINES.

Section 63-205C, Idaho Code

01. Definitions. (7-1-24)

a. The actual use value of agricultural land will be the landlord's share of net income per acre, capitalized by the annual rate required by Section 63-205C, Idaho Code, plus a component for the local tax rate. The Actual Use Value will be considered market value for assessment purposes. (7-1-24)

b. Economic rent is the average gross income per acre received by a landlord from either a cash rent or crop share rental agreement. Only the rent solely attributable to the agricultural land is included in economic rent. (7-1-24)

c. Net Income (Rent) is determined by deducting the landlord's share of all typical current expenses from economic rent per acre. (7-1-24)

- d. Agricultural Area is an identifiable geographical area of similar agricultural land. (7-1-24)
- 02. Determination of Average Crop Rental Rates.** (7-1-24)
- a. Determine the average per acre gross income from individual crop cash rents, whole farm cash rents, or crop share typical to the Agricultural Area over the immediate past five (5) growing seasons as reported by local farmers. (7-1-24)
- b. If data from local farmers is insufficient, data typical to the Agricultural Area from third party providers, such as the United States Department of Agriculture (USDA), University of Idaho Crop Enterprise Budgets, or similar sources, may be used. (7-1-24)
- c. The choice to use cash rent or crop share analysis in determining the taxable value of agricultural land should be predicated on the quantity and quality of data available when developing a supportable value conclusion. (7-1-24)
- 03. Determination of Farm Credit Services Capitalization Rate.** (7-1-24)
- a. The Tax Commission will gather the interest rate data from the Spokane office of the Farm Credit Services, average the rate over the immediate past five (5) years and distribute the rate annually to assessors by the second Monday in September. (7-1-24)
- b. The local tax rate component is the rate most applicable to the Agricultural Area. (7-1-24)
- c. The local tax rate will be added to the Farm Credit Services capitalization rate to develop the overall capitalization rate. (7-1-24)
- 04. Calculation of Net Income from a Cash Rent Analysis.** Net Income from cash rent for land secondary categories 1 and 3 is calculated in the following manner: (7-1-24)
- a. Crops Grown. Determine the crops typically grown in the area. (7-1-24)
- b. Economic Rent. Determine the average per acre gross income from individual crop rents or whole farm cash rents typical to the Agricultural Area over the immediate past five (5) years. (7-1-24)
- c. Landlord's Expenses. Determine the landlord's share of all typical expenses paid in the immediately preceding growing season. (7-1-24)
- d. Landlord's Net Income. Subtract the landlord's share of all typical expenses from the average gross income per acre for the immediately preceding year to determine net income. (7-1-24)
- 05. Calculation of Net Income from a Crop Share Analysis.** Net income from crop share rent for secondary land categories 1 and 3 is calculated in the following manner: (7-1-24)
- a. Crops Grown. Determine the crops typically grown in the Agricultural Area. (7-1-24)
- b. Average Crop Production. Determine the most recent five (5) year average production for typical crops grown in the Agricultural Area. (7-1-24)
- c. Average Commodity Prices. The Tax Commission will publish five (5) year average crop prices by surveying publicly available data from various sources, including the annual crop summary published by the USDA National Agricultural Statistics Service (NASS). Average crop prices determined in this manner by the Tax Commission should be considered guidelines when determining net income, subject to modification based on local market data. (7-1-24)
- d. Gross Income. Multiply average crop production per acre by the average commodity price to

**School District 1 – Adjustment Report
March 31, 2026**

The figures for Adjustment1 and value of Outliers for ADA County are in the table following this sheet.

**NOTE: ADJUSTMENTS ONLY TO ADA COUNTY
PORTION OF SCHOOL DISTRICT 1.**

There were NO SALES in School District 1 in Boise County.
Boise County assessment roll data in School District 1 contains non-
studied categories or exempt properties.
There are NO ADJUSTMENTS to the values of the categories in
Boise County.

These are the steps used for ADA County included in School District #1 for 2025:

If there are no sales in a particular category no adjustment will be given

If the Value of the Outliers is GREATER THAN \$0 for a category:

1. *Abstract Assessed Value for Abstract Category **minus** value of Outliers= Preliminary Assessed Value(1) for Abstract Category*
2. *Preliminary Assessed Value(1) for Abstract Category **divided by** Adjustment1 = Preliminary Assessed Value(2) for Abstract Category*
3. *Preliminary Assessed Value(2) for Abstract Category **plus** value of Outliers = Final Adjusted Assessed Value for Abstract Category (ADA COUNTY)*

If the Value of the Outliers is EQUAL TO \$0 for a category:

1. *Abstract Assessed Value for Abstract Category **divided by** Adjustment1 = Final Assessed Value for Abstract Category (ADA COUNTY)*

FINAL STEP:

Final Adjusted Assessed Value for Abstract Category (ADA COUNTY)

plus

Assessed Value for Abstract Category (BOISE COUNTY)

equals

***Final Adjusted Assessed Value for Abstract Category for BOISE
INDEPENDENT School District #1***

**School District 1 – Adjustment Report
March 31, 2026**

Ada County

School District 1 - Adjustment Report
March 31, 2026

Abstract Category	Adjustment	Value of Outliers
10	0.965591	\$0
11	1.000000	\$0
12	0.965591	\$0
13	1.000000	\$0
14	1.000000	\$0
15	0.925019	\$0
16	1.000000	\$0
17	1.000000	\$0
18	0.998791	\$0
20	0.903894	\$0
21	1.000000	\$0
22	1.000000	\$0
26	0.901003	\$4,355,900
27	0.948071	\$0
33	1.000000	\$0
34	0.950607	\$5,389,600
35	1.000000	\$0
36	1.000000	\$0
37	0.903961	\$0
38	1.000000	\$0
39	1.000000	\$0
40	1.000000	\$0
41	0.903484	\$20,234,900
42	0.972452	\$856,800
43	0.982756	\$0
46	0.909472	\$0
48	0.906860	\$0
50	0.902873	\$0
51	1.000000	\$0
65	0.902873	\$0

School District 1 - 2025 - Commercial Properties Analysis

Commercial Properties	Total AV	\$ 15,790,783,600
	Average AV	\$ 2,166,683
	Standard Deviation of AV	\$ 7,320,743

Commercial Value Group Statistics

Value Group	(Sold and Unsold) Average Assessed Value	(Sold and Unsold) Stdev of Assessed Value	Mean Sales Ratio	Weighted Mean Sales Ratio	Stdev (Ratio)	Lower 90% CI around the Weighted Mean Ratio	Upper 90% CI around the Weighted Mean Ratio	Sales Counts from Current Ratio Study Data files	Sales - Outliers: Value, Z-Score of 3 or more	Sales - Outliers: Ratio, Z-Score of 3 or more	Total Sales Used by Value Group	
1	\$570,548	\$482,519	94.09%	86.68%	17.73%	80.77%	92.59%	115	0	1	114	
2	\$2,918,973	\$811,158	94.53%	91.26%	22.67%	75.25%	107.26%	10	0	0	10	
3	\$7,160,675	\$1,953,001	115.35%	103.28%	44.86%	80.92%	113.85%	4	0	0	4	
4	\$17,805,502	\$4,897,148						1	0	0	1	
5	\$57,566,895	\$51,789,175						0	0	0	0	
Study 3 & 4	\$12,483,089	\$5,723,378	110.32%	97.39%	40.45%	58.83%	135.95%	5	0	0		
								Total Sales Available	130	0	1	129

Value Group	(Sold and Unsold) Parcel Count from data file	(Sold and Unsold) Total AV from data file	(Sold and Unsold) Adjusted Total AV from data file with Outlier (VG)	(Sold and Unsold) 3 SD + = OUTLIER, Adjusted Total AV from data file without Outliers	
1	5,533	\$3,156,843,800	\$3,641,863,792	\$3,640,033,195	<== AV adjusted by Weighted Mean Sales Ratio
2	1,082	\$3,158,328,900	\$3,158,328,900	\$3,158,328,900	<== No adjustment to AV, Value Group is in compliance.
3	441	\$3,157,857,800	\$3,157,857,800	\$3,157,857,800	<== See row 20
4	177	\$3,151,573,900	\$3,151,573,900	\$3,151,573,900	<== See row 20
5	55	\$3,166,179,200	\$3,166,179,200	\$3,166,179,200	<== No adjustment to AV, Value Group is in compliance. No sales to Study.
Study 3 & 4	618	\$6,309,431,700	\$6,309,431,700	\$6,309,431,700	<== No adjustment to AV, Value Group is in compliance (Compressed study result)
	7288	\$15,790,783,600	\$16,275,803,592	\$16,273,972,995	

POPULATION (Sold and Unsold) Outlier Review - Based on Value

Value Group	# >3 SD	# >4 SD	# >5 SD	# >6 SD	# >7 SD	# >8 SD
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	23	0	0	0	0	0
5	55	55	38	27	15	12
\$ AV of Outliers	\$ 3,166,179,200	\$ 3,166,179,200	\$ 2,574,673,200	\$ 2,099,350,700	\$ 1,500,731,100	\$ 1,335,471,500

Value Group	# >9 SD	# >10 SD	# >15 SD	Value of Outliers with Std. Score >= 3
1	0	0	0	\$ -
2	0	0	0	\$ -
3	0	0	0	\$ -
4	0	0	0	\$ 625,231,800
5	8	6	4	\$ 3,166,179,200
\$ AV of Outliers	\$ 1,078,812,200	\$ 931,411,600	\$ 777,589,200	\$ 3,166,179,200

Commercial Properties
POPULATION (Sold and Unsold) Distribution

Abstract Category	Total AV	% of Population, based on Value	Category in Value Group 1 as % of Population, based on Value	Category in Value Group 2 as % of Population, based on Value	Category in Value Group 3 as % of Population, based on Value	Category in Value Group 4 as % of Population, based on Value	Category in Value Group 5 as % of Population, based on Value
11	\$1,053,700	0.0067%	0.0067%	0.0000%	0.0000%	0.0000%	0.0000%
13	\$10,706,700	0.0678%	0.0019%	0.0000%	0.0659%	0.0000%	0.0000%
14	\$11,744,600	0.0744%	0.0302%	0.0442%	0.0000%	0.0000%	0.0000%
16	\$99,700	0.0006%	0.0006%	0.0000%	0.0000%	0.0000%	0.0000%
17	\$16,409,800	0.1039%	0.1039%	0.0000%	0.0000%	0.0000%	0.0000%
21	\$542,909,300	3.4381%	1.9207%	0.5757%	0.5128%	0.4289%	0.0000%
22	\$285,241,100	1.8064%	0.4764%	0.3761%	0.2357%	0.7181%	0.0000%
27	\$991,765,500	6.2807%	2.2391%	0.8215%	0.7070%	0.5764%	1.9367%
33	\$22,863,800	0.1448%	0.0519%	0.0929%	0.0000%	0.0000%	0.0000%
35	\$19,668,600	0.1246%	0.0154%	0.0329%	0.0763%	0.0000%	0.0000%
36	\$32,999,100	0.2090%	0.0268%	0.0121%	0.1700%	0.0000%	0.0000%
38	\$17,413,800	0.1103%	0.0873%	0.0230%	0.0000%	0.0000%	0.0000%
39	\$50,765,300	0.3215%	0.1812%	0.1403%	0.0000%	0.0000%	0.0000%
42	\$11,733,465,600	74.3058%	13.6696%	15.2936%	15.1318%	15.3146%	14.8963%
43	\$1,469,023,200	9.3030%	1.0625%	2.3676%	2.8175%	2.5716%	0.4838%
51	\$584,653,800	3.7025%	0.1175%	0.2212%	0.2811%	0.3487%	2.7339%

Abstract Category	Divisor	Suggested Divisor - Weighted Mean Sales Ratio from Value Group 1 - Commercial Property	Suggested Divisor - Weighted Mean Sales Ratio from Value Group 2 - Commercial Property	Suggested Divisor - Weighted Mean Sales Ratio from Value Group 3 - Commercial Property	Suggested Divisor - Weighted Mean Sales Ratio from Value Group 4 - Commercial Property	Suggested Divisor - Weighted Mean Sales Ratio from Value Group 5 - Commercial Property
11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
21	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
22	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
27	0.8668	0.8668	1.0000	1.0000	1.0000	1.0000
33	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
36	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
38	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
39	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
42	0.8668	0.8668	1.0000	1.0000	1.0000	1.0000
43	0.8668	0.8668	1.0000	1.0000	1.0000	1.0000
51	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

School District 1 - 2025 - Commercial Properties Analysis

**Commercial Properties
Computation**

Only those categories affected by ratio study results are shown.

Abstract Category	Total AV (Value Outliers Removed)	AV attributed to VG 1	Value of Outliers in Value Group 1	AV attributed to VG 2	Value of Outliers in Value Group 2	AV attributed to VG 3	Value of Outliers in Value Group 3	AV attributed to VG 4	Value of Outliers in Value Group 4	AV attributed to VG 5	Value of Outliers in Value Group 5	Total Value of Value Group Outliers
11	\$1,053,700	\$1,053,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	\$10,706,700	\$296,100	\$0	\$0	\$0	\$10,410,600	\$0	\$0	\$0	\$0	\$0	\$0
14	\$11,744,600	\$4,766,700	\$0	\$6,977,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	\$99,700	\$99,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	\$16,409,800	\$16,409,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	\$542,909,300	\$303,298,900	\$0	\$90,906,800	\$0	\$80,972,100	\$0	\$67,731,500	\$0	\$0	\$0	\$0
22	\$285,241,100	\$75,223,400	\$0	\$59,396,700	\$0	\$37,224,600	\$0	\$113,396,400	\$0	\$0	\$0	\$0
27	\$991,765,500	\$353,568,800	\$0	\$129,721,200	\$0	\$111,635,800	\$0	\$91,012,200	\$0	\$305,827,500	\$0	\$0
33	\$22,863,800	\$8,199,100	\$0	\$14,664,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	\$19,668,600	\$2,431,500	\$0	\$5,195,700	\$0	\$12,041,400	\$0	\$0	\$0	\$0	\$0	\$0
36	\$32,999,100	\$4,236,300	\$0	\$1,911,000	\$0	\$26,851,800	\$0	\$0	\$0	\$0	\$0	\$0
38	\$17,413,800	\$13,784,100	\$0	\$3,629,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39	\$50,765,300	\$28,608,500	\$0	\$22,156,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
42	\$11,732,608,800	\$2,158,536,200	\$856,800	\$2,414,975,000	\$0	\$2,389,426,800	\$0	\$2,418,290,100	\$0	\$2,352,237,500	\$0	\$856,800
43	\$1,469,023,200	\$167,771,800	\$0	\$373,864,000	\$0	\$444,908,300	\$0	\$406,076,700	\$0	\$76,402,400	\$0	\$0
51	\$584,653,800	\$18,559,200	\$0	\$34,929,400	\$0	\$44,386,400	\$0	\$55,067,000	\$0	\$431,711,800	\$0	\$0
Total AV**	\$15,789,928,800	\$3,156,843,800	\$856,800	\$3,158,328,900	\$0	\$3,157,857,800	\$0	\$3,151,573,900	\$0	\$3,166,179,200	\$0	\$856,800
** Value of Outliers Removed		\$3,155,987,000		\$3,158,328,900		\$3,157,857,800		\$3,151,573,900		\$3,166,179,200		

0.199873

Abstract Category	Adjusted Total AV	Adjusted AV for VG 1	Value of Outliers - VG 1	Adjusted AV for VG 2	Value of Outliers - VG 2	Adjusted AV for VG 3	Value of Outliers - VG 3	Adjusted AV for VG 4	Value of Outliers - VG 4	Adjusted AV for VG 5	Value of Outliers - VG 5	Total Value of Value Group Outliers
11	\$1,053,700	\$1,053,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	\$10,706,700	\$296,100	\$0	\$0	\$0	\$10,410,600	\$0	\$0	\$0	\$0	\$0	\$0
14	\$11,744,600	\$4,766,700	\$0	\$6,977,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	\$99,700	\$99,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	\$16,409,800	\$16,409,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	\$542,909,300	\$303,298,900	\$0	\$90,906,800	\$0	\$80,972,100	\$0	\$67,731,500	\$0	\$0	\$0	\$0
22	\$285,241,100	\$75,223,400	\$0	\$59,396,700	\$0	\$37,224,600	\$0	\$113,396,400	\$0	\$0	\$0	\$0
27	\$1,046,088,092	\$407,891,392	\$0	\$129,721,200	\$0	\$111,635,800	\$0	\$91,012,200	\$0	\$305,827,500	\$0	\$0
33	\$22,863,800	\$8,199,100	\$0	\$14,664,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	\$19,668,600	\$2,431,500	\$0	\$5,195,700	\$0	\$12,041,400	\$0	\$0	\$0	\$0	\$0	\$0
36	\$32,999,100	\$4,236,300	\$0	\$1,911,000	\$0	\$26,851,800	\$0	\$0	\$0	\$0	\$0	\$0
38	\$17,413,800	\$13,784,100	\$0	\$3,629,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39	\$50,765,300	\$28,608,500	\$0	\$22,156,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
42	\$12,064,973,179	\$2,490,043,779	\$856,800	\$2,414,975,000	\$0	\$2,389,426,800	\$0	\$2,418,290,100	\$0	\$2,352,237,500	\$0	\$856,800
43	\$1,494,799,793	\$193,548,393	\$0	\$373,864,000	\$0	\$444,908,300	\$0	\$406,076,700	\$0	\$76,402,400	\$0	\$0
51	\$584,653,800	\$18,559,200	\$0	\$34,929,400	\$0	\$44,386,400	\$0	\$55,067,000	\$0	\$431,711,800	\$0	\$0
Adjusted Total AV	\$16,202,390,363	\$3,569,307,363	\$856,800	\$3,158,328,900	\$0	\$3,157,857,800	\$0	\$3,151,573,900	\$0	\$3,166,179,200	\$0	\$856,800
AV of Value Outliers	\$856,800											

Estimated Adjusted Total AV, including Outliers	\$16,203,247,163
--	-------------------------

School District 1 - 2025 - Commercial Properties Analysis

Commercial Properties

<u>Abstract Category</u>	<u>Adjustment1</u>	<u>Value of Outliers</u>
11	1.000000	\$0
13	1.000000	\$0
14	1.000000	\$0
16	1.000000	\$0
17	1.000000	\$0
21	1.000000	\$0
22	1.000000	\$0
27	0.948071	\$0
33	1.000000	\$0
35	1.000000	\$0
36	1.000000	\$0
38	1.000000	\$0
39	1.000000	\$0
42	0.972452	\$856,800
43	0.982756	\$0
51	1.000000	\$0

Commercial Value Group Appraisal Ratio Study

Dataset C:\Users\gevans\OneDrive - State of Idaho\Documents\Boise School Study\2026\
 Residential Ratio Study.NCSS
 Filter (Value_VG_Outliers < 3) AND (Ratio_VG_Outliers < 3)
 Ratio Formula Ratio = Assessed_Value / Time_Adjusted_Sale_Price

Ratio Summary Statistics

VG	Count	Median	Mean	Wtd. Mean	IQR	SD	COD	COV	PRD	PRB
1	114	0.9858	0.9433	0.8668	0.1315	0.1773	12.00611	18.7990	1.088211	-0.02936068
2	10	1.0114	0.9762	0.9126	0.3787	0.2267	16.35303	23.2198	1.069717	-0.2742178
3,4	5	0.9336	1.1032	0.9739	0.5605	0.4045	24.01571	36.6604	1.132845	-0.2905042

Wtd. Mean: Weighted Mean
 IQR: Interquartile Range
 COD: Coefficient of Dispersion
 COV: Coefficient of Variation
 PRD: Price-Related Differential
 PRB: Coefficient of Price-Related Bias

Appraisal and Sale Price Summary Statistics

VG	Count	Appraisal Mean	Sale Price Mean	Appraisal Median	Sale Price Median
1	114	549185.96	633563.33	411400.00	480000.00
2	10	2610140.00	2860259.80	2224250.00	2330163.00
3,4	5	10273260.00	10549000.00	6624700.00	7995000.00

Confidence Intervals

VG	Count	Ratio Median	Median 90% C.I.		Ratio Mean	Mean 90% C.I.		Ratio Wtd. Mean	Wtd. Mean 90% C.I.	
			Lower	Upper		Lower	Upper		Lower	Upper
1	114	0.9858	0.9470	0.9968	0.9433	0.9157	0.9708	0.8668	0.8077	0.9259
2	10	1.0114	0.7559	1.1497	0.9762	0.8448	1.1076	0.9126	0.7525	1.0726
3,4	5	0.9336	0.8286	1.8141	1.1032	0.7176	1.4888	0.9739	0.8092	1.1385

Commercial Value Group Appraisal Ratio Study

Dataset C:\Users\gevans\OneDrive - State of Idaho\Documents\Boise School Study\2026\
 Residential Ratio Study.NCSS
 Filter (Value_VG_Outliers < 3) AND (Ratio_VG_Outliers < 3)
 Ratio Formula Ratio = Assessed_Value / Time_Adjusted_Sale_Price

Normality Assumption

P-Values (< 0.1 rejects Normality)

VG	Count	Skew	Kurt	S-W	A-D	M-I	K-S	D-S	D-K	D-O
1	114	-0.4842649	2.253898	2.002598E-06	3.697864E-10	< 0.1	< 0.1	0.03489497	0.002415243	
										0.001084093
2	10	-0.653038	0.1755905	0.5693193	0.592125	> 0.1	> 0.1	0.329791	0.73680130	5.878178
3,4	5		4.313396	0.01636064		< 0.1	< 0.1			

Skew: Skewness (Negative values indicate left skewness; positive values indicate right skewness; values close to 0 indicate little skewness.)
 Kurt: Kurtosis (Negative values indicate fatter tails; positive values indicate a strong peak and lighter tails.)
 S-W: Shapiro-Wilk W Test
 A-D: Anderson-Darling Test
 M-I: Martinez-Iglewicz Test
 K-S: Kolmogorov-Smirnov (Lilliefors' adjusted) Test
 D-S: D'Agostino Skewness Test
 D-K: D'Agostino Kurtosis Test
 D-O: D'Agostino Omnibus (Skewness and Kurtosis) Test

Tests for which the Normality assumption is rejected are highlighted in red.

COMMERCIAL VALUE GROUP (VALUE BASED) OUTLIERS

VALUE GROUP

Value Group	Parcel Number	Sale Date	Assessed Value	Category	VG_Z-Score
No Outliers					

COMMERCIAL POPULATION (VALUE BASED) OUTLIERS

Parcel Number	Sale Date	Assessed Value	Time Adjusted Sa	Category	Population VG_Z-Score
No Outliers					

Commercial Sales Value Groups (with outlier data)

Parcel	VG	Sale Date	AV	TASP	Cat	Dist	Ratio	AV z-score	% z-score
R1013670094	1	2/27/2025	\$ 1,537,700	\$ 3,750,000	2142	7	0.4101	2.0044	1.7139
R1080200150	1	6/12/2025	\$ 274,100	\$ 650,000	2142	7	0.4217	0.6144	1.6851
R1013006080	1	3/7/2025	\$ 1,115,200	\$ 2,349,000	2142	7	0.4748	1.1288	1.5539
R2734540701	1	7/2/2025	\$ 374,600	\$ 770,000	2100	7	0.4865	0.4061	1.5249
R7476000705	1	5/16/2025	\$ 300,400	\$ 550,000	2142	7	0.5462	0.5599	1.3773
R1280610020	1	5/29/2025	\$ 1,768,700	\$ 3,200,000	2142	7	0.5527	2.4831	1.3611
R1955001566	1	2/27/2025	\$ 294,000	\$ 490,000	2142	7	0.6000	0.5731	1.2442
R2243320122	1	6/6/2025	\$ 139,100	\$ 230,000	2100	7	0.6048	0.8942	1.2324
R7476000616	1	7/31/2025	\$ 1,835,600	\$ 2,800,000	2142	7	0.6556	2.6218	1.1068
R1088110020	1	5/30/2025	\$ 205,800	\$ 295,000	2100	7	0.6976	0.7559	1.0029
R1013007964	1	6/17/2025	\$ 407,100	\$ 565,000	2142	7	0.7205	0.3387	0.9462
R2320500512	1	5/1/2025	\$ 440,200	\$ 605,000	2142	7	0.7276	0.2701	0.9287
R2817830980	1	1/31/2025	\$ 220,200	\$ 300,000	27	7	0.7340	0.7261	0.9129
R7334123951	1	7/18/2025	\$ 1,387,700	\$ 1,850,000	1739	7	0.7501	1.6935	0.8731
R2336000825	1	7/1/2025	\$ 1,349,000	\$ 1,785,000	2142	7	0.7557	1.6133	0.8592
R2734510882	1	8/15/2025	\$ 1,116,600	\$ 1,470,000	2142	7	0.7596	1.1317	0.8497
R1955001015	1	5/13/2025	\$ 378,100	\$ 485,000	2100	7	0.7796	0.3988	0.8002
S1027233817	1	9/5/2025	\$ 1,573,600	\$ 2,000,000	2142	7	0.7868	2.0788	0.7824
R0605610040	1	6/16/2025	\$ 690,300	\$ 865,000	27	7	0.7980	0.2482	0.7546
R7533490110	1	10/11/2024	\$ 211,700	\$ 265,000	2100	7	0.7989	0.7437	0.7525
R7334170105	1	5/16/2025	\$ 926,300	\$ 1,125,000	2142	7	0.8234	0.7373	0.6919
R7777800302	1	3/28/2025	\$ 480,100	\$ 580,000	2142	7	0.8278	0.1875	0.6811
R7715180040	1	7/10/2025	\$ 565,600	\$ 675,000	2142	7	0.8379	0.0103	0.6560
R1625501745	1	9/12/2025	\$ 456,000	\$ 522,000	2142	7	0.8736	0.2374	0.5679
R9003740290	1	6/23/2025	\$ 616,000	\$ 703,000	27	7	0.8762	0.0942	0.5612
R7104001790	1	12/27/2024	\$ 701,800	\$ 800,000	2142	7	0.8773	0.2720	0.5587
R9323500765	1	2/28/2025	\$ 796,600	\$ 900,000	2142	7	0.8851	0.4685	0.5393
R5201231980	1	10/15/2024	\$ 532,000	\$ 600,000	27	7	0.8867	0.0799	0.5355
R0962130030	1	1/24/2025	\$ 865,100	\$ 974,000	2142	7	0.8882	0.6104	0.5317
R1013005870	1	12/30/2024	\$ 1,018,300	\$ 1,145,000	2142	7	0.8893	0.9279	0.5288
R9441000537	1	9/5/2025	\$ 484,200	\$ 540,000	2142	7	0.8967	0.1790	0.5107
R8220282020	1	7/31/2025	\$ 229,400	\$ 255,000	27	7	0.8996	0.7070	0.5035
R8220280200	1	2/25/2025	\$ 196,000	\$ 215,000	27	7	0.9116	0.7762	0.4737
R7777816560	1	3/4/2025	\$ 456,100	\$ 500,000	2142	7	0.9122	0.2372	0.4723
R5378241140	1	8/12/2025	\$ 105,000	\$ 115,000	27	7	0.9130	0.9648	0.4702
R5378241260	1	6/3/2025	\$ 105,000	\$ 115,000	27	7	0.9130	0.9648	0.4702
R7909410040	1	5/30/2025	\$ 506,800	\$ 555,000	2142	7	0.9132	0.1321	0.4700

R5378243100	1	7/18/2025	\$	69,400	\$	76,000	27	7	0.9132	1.0386	0.4700
R7967500020	1	10/16/2024	\$	351,900	\$	385,000	2142	7	0.9140	0.4531	0.4678
R5201230140	1	8/14/2025	\$	199,400	\$	218,000	27	7	0.9147	0.7692	0.4662
R1443000001	1	12/12/2024	\$	449,800	\$	490,000	2142	7	0.9180	0.2502	0.4581
R3691210042	1	11/4/2024	\$	442,200	\$	475,000	2100	7	0.9309	0.2660	0.4260
R5378243600	1	6/9/2025	\$	77,500	\$	83,000	27	7	0.9337	1.0218	0.4191
R5378241040	1	6/13/2025	\$	84,200	\$	90,000	27	7	0.9356	1.0079	0.4146
R2734541445	1	1/14/2025	\$	725,500	\$	775,000	2142	7	0.9361	0.3211	0.4132
R2739341060	1	11/25/2024	\$	164,500	\$	175,000	27	7	0.9400	0.8415	0.4036
R1013700934	1	12/20/2024	\$	1,225,400	\$	1,300,000	2243	7	0.9426	1.3572	0.3971
R7715170040	1	3/18/2025	\$	596,600	\$	630,000	2142	7	0.9470	0.0540	0.3863
R5378241060	1	7/31/2025	\$	199,900	\$	210,000	27	7	0.9519	0.7682	0.3742
R7476000540	1	10/31/2024	\$	275,500	\$	289,000	2100	7	0.9533	0.6115	0.3707
R2817830750	1	7/22/2025	\$	229,500	\$	239,900	27	7	0.9566	0.7068	0.3624
R5378244120	1	4/11/2025	\$	77,500	\$	81,000	27	7	0.9568	1.0218	0.3621
R2734520210	1	11/22/2024	\$	978,900	\$	1,015,000	2142	7	0.9644	0.8463	0.3432
R5378243120	1	4/11/2025	\$	69,400	\$	71,000	27	7	0.9775	1.0386	0.3110
R5378244020	1	9/29/2025	\$	69,500	\$	71,000	27	7	0.9789	1.0384	0.3075
R5201230100	1	2/25/2025	\$	199,400	\$	202,500	27	7	0.9847	0.7692	0.2931
R1013002735	1	10/2/2024	\$	1,724,100	\$	1,750,000	2142	7	0.9852	2.3907	0.2918
R5201230040	1	9/12/2025	\$	182,500	\$	185,000	27	7	0.9865	0.8042	0.2887
R4432500042	1	7/12/2025	\$	1,086,700	\$	1,100,000	2142	7	0.9879	1.0697	0.2851
R9351910020	1	12/17/2024	\$	1,735,100	\$	1,750,000	2142	7	0.9915	2.4135	0.2763
R5201230240	1	12/31/2024	\$	186,500	\$	188,000	27	7	0.9920	0.7959	0.2750
R5201231120	1	12/31/2024	\$	320,600	\$	323,171	27	7	0.9920	0.5180	0.2749
R5201231820	1	1/31/2025	\$	233,800	\$	235,000	27	7	0.9949	0.6979	0.2679
R7780513132	1	12/10/2024	\$	797,400	\$	800,000	2142	7	0.9968	0.4701	0.2633
R2649310600	1	12/17/2024	\$	62,500	\$	62,700	27	7	0.9968	1.0529	0.2631
R2649310680	1	12/17/2024	\$	62,500	\$	62,700	27	7	0.9968	1.0529	0.2631
R8220280080	1	12/15/2024	\$	190,200	\$	190,611	27	7	0.9978	0.7883	0.2606
R5378241800	1	6/13/2025	\$	94,800	\$	95,000	27	7	0.9979	0.9860	0.2605
R2817830330	1	6/25/2025	\$	236,800	\$	236,864	27	7	0.9997	0.6917	0.2559
R5201230960	1	12/6/2024	\$	471,900	\$	472,000	27	7	0.9998	0.2044	0.2558
R1365730010	1	12/17/2024	\$	650,000	\$	650,000	2142	7	1.0000	0.1647	0.2552
R2649311380	1	12/17/2024	\$	108,000	\$	108,000	27	7	1.0000	0.9586	0.2552
R2649311400	1	12/17/2024	\$	108,000	\$	108,000	27	7	1.0000	0.9586	0.2552
R5378241160	1	10/17/2024	\$	105,000	\$	105,000	27	7	1.0000	0.9648	0.2552
S1020120780	1	12/31/2024	\$	650,000	\$	650,000	2142	7	1.0000	0.1647	0.2552
R1013770250	1	12/6/2024	\$	1,715,200	\$	1,715,175	2200	7	1.0000	2.3722	0.2552
R3817010182	1	9/3/2025	\$	365,500	\$	365,000	2142	7	1.0014	0.4250	0.2519
R1625500897	1	2/26/2025	\$	701,200	\$	700,000	2142	7	1.0017	0.2708	0.2510
R5378240720	1	5/19/2025	\$	84,200	\$	84,000	27	7	1.0024	1.0079	0.2494
R5378242720	1	11/14/2024	\$	84,200	\$	84,000	27	7	1.0024	1.0079	0.2494
R1013009125	1	12/16/2024	\$	552,700	\$	550,000	2142	7	1.0049	0.0370	0.2431

R1625501656	1	6/27/2025	\$	1,056,300	\$	1,050,000	2142	7	1.0060	1.0067	0.2404
R5201230160	1	12/31/2024	\$	199,400	\$	197,000	27	7	1.0122	0.7692	0.2251
R1343840080	1	4/30/2025	\$	684,200	\$	675,000	2142	7	1.0136	0.2355	0.2215
R5378242740	1	11/27/2024	\$	84,200	\$	83,000	27	7	1.0145	1.0079	0.2195
R2734530735	1	5/1/2025	\$	1,018,600	\$	1,000,000	2142	7	1.0186	0.9286	0.2093
R5201231540	1	11/22/2024	\$	224,700	\$	220,000	27	7	1.0214	0.7168	0.2024
R5201231520	1	12/17/2024	\$	224,700	\$	219,599	27	7	1.0232	0.7168	0.1978
R6650000115	1	12/13/2024	\$	487,300	\$	475,000	2142	7	1.0259	0.1725	0.1912
R3179070060	1	10/24/2024	\$	266,900	\$	260,000	27	7	1.0265	0.6293	0.1896
R2817830340	1	4/1/2025	\$	236,400	\$	230,000	27	7	1.0278	0.6925	0.1864
R1343840020	1	10/21/2024	\$	773,100	\$	750,000	2142	7	1.0308	0.4198	0.1791
R8019000006	1	3/28/2025	\$	1,069,500	\$	1,036,000	2142	7	1.0323	1.0341	0.1753
R2817830050	1	11/15/2024	\$	283,900	\$	275,000	27	7	1.0324	0.5941	0.1752
R0044300020	1	9/30/2025	\$	415,700	\$	400,000	27	7	1.0393	0.3209	0.1582
R5378240740	1	7/23/2025	\$	84,200	\$	81,000	27	7	1.0395	1.0079	0.1576
R5378241940	1	12/10/2024	\$	83,200	\$	80,000	27	7	1.0400	1.0100	0.1563
R7777801890	1	9/22/2025	\$	761,900	\$	725,000	2142	7	1.0509	0.3966	0.1294
R2734510440	1	7/16/2025	\$	778,300	\$	740,000	2142	7	1.0518	0.4306	0.1273
R0044300030	1	9/30/2025	\$	421,400	\$	400,000	27	7	1.0535	0.3091	0.1230
R8191508550	1	12/10/2024	\$	1,200,000	\$	1,100,000	2142	7	1.0909	1.3045	0.0305
R1955001720	1	1/27/2025	\$	970,600	\$	880,000	2142	7	1.1030	0.8291	0.0007
R9313400910	1	12/3/2024	\$	1,123,100	\$	1,000,000	2243	7	1.1231	1.1451	0.0491
R7074000350	1	8/25/2025	\$	1,192,800	\$	1,060,000	2142	7	1.1253	1.2896	0.0545
R3720250010	1	5/6/2025	\$	1,125,300	\$	990,000	2142	7	1.1367	1.1497	0.0827
R0539004780	1	7/28/2025	\$	345,200	\$	300,000	2142	7	1.1507	0.4670	0.1173
R5201230920	1	8/18/2025	\$	276,600	\$	235,000	27	7	1.1770	0.6092	0.1824
R6635310140	1	4/24/2025	\$	341,400	\$	290,000	2142	7	1.1772	0.4749	0.1830
R5201230940	1	8/18/2025	\$	276,800	\$	235,000	27	7	1.1779	0.6088	0.1845
R2817830830	1	8/13/2025	\$	211,500	\$	175,000	27	7	1.2086	0.7441	0.2604
R1271000070	1	4/15/2025	\$	552,300	\$	425,000	2142	7	1.2995	0.0378	0.4853
R1013003945	1	3/11/2025	\$	1,153,100	\$	875,000	2142	7	1.3178	1.2073	0.5306
R1013004746	1	3/31/2025	\$	783,400	\$	565,000	2142	7	1.3865	0.4411	0.7005
R2739341080	1	2/5/2025	\$	245,800	\$	160,000	27	7	1.5363	0.6730	1.0706
R7533490010	1	4/10/2025	\$	1,586,800	\$	640,000	2142	7	2.4794	2.1061	3.4025
R1013670092	2	2/27/2025	\$	2,794,700	\$	5,250,000	2243	7	0.5323	0.1532	1.4116
R9316260205	2	2/27/2025	\$	1,908,600	\$	2,525,000	2243	7	0.7559	1.2456	0.8588
R1013680075	2	6/3/2025	\$	2,997,800	\$	3,700,000	2142	7	0.8102	0.0972	0.7245
S1113336500	2	1/1/2025	\$	2,043,200	\$	2,135,326	2142	7	0.9569	1.0797	0.3619
S1010417550	2	9/16/2025	\$	2,097,100	\$	2,100,000	2142	7	0.9986	1.0132	0.2587
R2822500010	2	10/30/2024	\$	4,350,000	\$	4,247,272	2142	7	1.0242	1.7642	0.1954
R9374500006	2	11/27/2024	\$	3,340,300	\$	3,250,000	2142	7	1.0278	0.5194	0.1865
S1007212680	2	7/24/2025	\$	2,121,200	\$	1,845,000	2142	7	1.1497	0.9835	0.1149
R5538920660	2	11/6/2024	\$	2,191,400	\$	1,750,000	2142	7	1.2522	0.8970	0.3684
S1007233950	2	9/22/2025	\$	2,257,100	\$	1,800,000	2142	7	1.2539	0.8160	0.3726

R5021720008	3	1/7/2025	\$ 6,624,700	\$ 7,995,000	2142	7	0.8286	0.2744	0.6790
R7777810545	3	2/1/2025	\$ 10,643,100	\$ 11,400,000	2142	7	0.9336	1.7831	0.4194
S1112110100	3	10/21/2024	\$ 6,277,900	\$ 6,050,000	2142	7	1.0377	0.4520	0.1621
S0629347040	3	8/13/2025	\$ 6,349,500	\$ 3,500,000	2142	7	1.8141	0.4153	1.7577
R2939640022	4	9/4/2025	\$ 21,471,100	\$ 23,800,000	2243	7	0.9021	0.7485	0.4972

Commercial Population Appraisal Ratio Study

Dataset C:\Users\gevans\OneDrive - State of Idaho\Documents\Boise School Study\2026\
 Residential Ratio Study.NCSS
 Filter (Ratio_Pop_Outliers < 3) AND (Value_Pop_Outliers < 3)
 Ratio Formula Ratio = Assessed_Value / Time_Adjusted_Sale_Price

Ratio Summary Statistics

Break Column	Count	Median	Mean	Wtd. Mean	IQR	SD	COD	COV	PRD	PRB
[None]	129	0.9852	0.9453	0.8928	0.1363	0.1779	12.24573	18.8177	1.058772	-0.01704475

Wtd. Mean: Weighted Mean
 IQR: Interquartile Range
 COD: Coefficient of Dispersion
 COV: Coefficient of Variation
 PRD: Price-Related Differential
 PRB: Coefficient of Price-Related Bias

Appraisal and Sale Price Summary Statistics

Break Column	Count	Appraisal Mean	Sale Price Mean	Appraisal Median	Sale Price Median
[None]	129	1076696.12	1205998.59	471900.00	550000.00

Confidence Intervals

Break Column	Count	Ratio Median	Median 90% C.I.		Ratio Mean	Mean 90% C.I.		Ratio Wtd. Mean	Wtd. Mean 90% C.I.	
			Lower	Upper		Lower	Upper		Lower	Upper
[None]	129	0.9852	0.9470	0.9968	0.9453	0.9193	0.9712	0.8928	0.8529	0.9327

Commercial Population Appraisal Ratio Study

Dataset C:\Users\gevans\OneDrive - State of Idaho\Documents\Boise School Study\2026\
 Residential Ratio Study.NCSS
 Filter (Ratio_Pop_Outliers < 3) AND (Value_Pop_Outliers < 3)
 Ratio Formula Ratio = Assessed_Value / Time_Adjusted_Sale_Price

Normality Assumption

Break	Column	Count	Skew	Kurt	P-Values (< 0.1 rejects Normality)					
					S-W	A-D	M-I	K-S	D-S	D-K
[None]	129	-0.4698772	1.986915	2.947468E-06	6.3252E-10	< 0.1	< 0.1	0.02988648	0.003125488	0.001201399

- Skew: Skewness (Negative values indicate left skewness; positive values indicate right skewness; values close to 0 indicate little skewness.)
- Kurt: Kurtosis (Negative values indicate fatter tails; positive values indicate a strong peak and lighter tails.)
- S-W: Shapiro-Wilk W Test
- A-D: Anderson-Darling Test
- M-I: Martinez-Iglewicz Test
- K-S: Kolmogorov-Smirnov (Lilliefors' adjusted) Test
- D-S: D'Agostino Skewness Test
- D-K: D'Agostino Kurtosis Test
- D-O: D'Agostino Omnibus (Skewness and Kurtosis) Test

Tests for which the Normality assumption is rejected are highlighted in red.

Commercial Sales POPULATION (with outlier data)

Parcel	VG	Sale Date	AV	TASP	Cat	Dist	Ratio	AV z-score	% z-score
R1013670094	1	2/27/2025	\$ 1,537,700	\$ 3,750,000	2142	7	0.4101	0.0859	2.3580
R1080200150	1	6/12/2025	\$ 274,100	\$ 650,000	2142	7	0.4217	0.2585	2.3084
R1013006080	1	3/7/2025	\$ 1,115,200	\$ 2,349,000	2142	7	0.4748	0.1436	2.0825
R2734540701	1	7/2/2025	\$ 374,600	\$ 770,000	2100	7	0.4865	0.2448	2.0325
R1013670092	2	2/27/2025	\$ 2,794,700	\$ 5,250,000	2243	7	0.5323	0.0858	1.8373
R7476000705	1	5/16/2025	\$ 300,400	\$ 550,000	2142	7	0.5462	0.2549	1.7783
R1280610020	1	5/29/2025	\$ 1,768,700	\$ 3,200,000	2142	7	0.5527	0.0544	1.7505
R1955001566	1	2/27/2025	\$ 294,000	\$ 490,000	2142	7	0.6000	0.2558	1.5491
R2243320122	1	6/6/2025	\$ 139,100	\$ 230,000	2100	7	0.6048	0.2770	1.5288
R7476000616	1	7/31/2025	\$ 1,835,600	\$ 2,800,000	2142	7	0.6556	0.0452	1.3125
R1088110020	1	5/30/2025	\$ 205,800	\$ 295,000	2100	7	0.6976	0.2679	1.1334
R1013007964	1	6/17/2025	\$ 407,100	\$ 565,000	2142	7	0.7205	0.2404	1.0359
R2320500512	1	5/1/2025	\$ 440,200	\$ 605,000	2142	7	0.7276	0.2358	1.0057
R2817830980	1	1/31/2025	\$ 220,200	\$ 300,000	27	7	0.7340	0.2659	0.9785
R7334123951	1	7/18/2025	\$ 1,387,700	\$ 1,850,000	1739	7	0.7501	0.1064	0.9099
R2336000825	1	7/1/2025	\$ 1,349,000	\$ 1,785,000	2142	7	0.7557	0.1117	0.8859
R9316260205	2	2/27/2025	\$ 1,908,600	\$ 2,525,000	2243	7	0.7559	0.0353	0.8853
R2734510882	1	8/15/2025	\$ 1,116,600	\$ 1,470,000	2142	7	0.7596	0.1434	0.8695
R1955001015	1	5/13/2025	\$ 378,100	\$ 485,000	2100	7	0.7796	0.2443	0.7844
S1027233817	1	9/5/2025	\$ 1,573,600	\$ 2,000,000	2142	7	0.7868	0.0810	0.7537
R0605610040	1	6/16/2025	\$ 690,300	\$ 865,000	27	7	0.7980	0.2017	0.7058
R7533490110	1	10/11/2024	\$ 211,700	\$ 265,000	2100	7	0.7989	0.2670	0.7023
R1013680075	2	6/3/2025	\$ 2,997,800	\$ 3,700,000	2142	7	0.8102	0.1135	0.6539
R7334170105	1	5/16/2025	\$ 926,300	\$ 1,125,000	2142	7	0.8234	0.1694	0.5979
R7777800302	1	3/28/2025	\$ 480,100	\$ 580,000	2142	7	0.8278	0.2304	0.5792
R5021720008	3	1/7/2025	\$ 6,624,700	\$ 7,995,000	2142	7	0.8286	0.6090	0.5756
R7715180040	1	7/10/2025	\$ 565,600	\$ 675,000	2142	7	0.8379	0.2187	0.5359
R1625501745	1	9/12/2025	\$ 456,000	\$ 522,000	2142	7	0.8736	0.2337	0.3842
R9003740290	1	6/23/2025	\$ 616,000	\$ 703,000	27	7	0.8762	0.2118	0.3728
R7104001790	1	12/27/2024	\$ 701,800	\$ 800,000	2142	7	0.8773	0.2001	0.3685
R9323500765	1	2/28/2025	\$ 796,600	\$ 900,000	2142	7	0.8851	0.1872	0.3350
R5201231980	1	10/15/2024	\$ 532,000	\$ 600,000	27	7	0.8867	0.2233	0.3284
R0962130030	1	1/24/2025	\$ 865,100	\$ 974,000	2142	7	0.8882	0.1778	0.3219
R1013005870	1	12/30/2024	\$ 1,018,300	\$ 1,145,000	2142	7	0.8893	0.1569	0.3170
R9441000537	1	9/5/2025	\$ 484,200	\$ 540,000	2142	7	0.8967	0.2298	0.2858
R8220282020	1	7/31/2025	\$ 229,400	\$ 255,000	27	7	0.8996	0.2646	0.2733
R2939640022	4	9/4/2025	\$ 21,471,100	\$ 23,800,000	2243	7	0.9021	2.6369	0.2625

R8220280200	1	2/25/2025	\$	196,000	\$	215,000	27	7	0.9116	0.2692	0.2221
R7777816560	1	3/4/2025	\$	456,100	\$	500,000	2142	7	0.9122	0.2337	0.2197
R5378241140	1	8/12/2025	\$	105,000	\$	115,000	27	7	0.9130	0.2816	0.2161
R5378241260	1	6/3/2025	\$	105,000	\$	115,000	27	7	0.9130	0.2816	0.2161
R7909410040	1	5/30/2025	\$	506,800	\$	555,000	2142	7	0.9132	0.2267	0.2156
R5378243100	1	7/18/2025	\$	69,400	\$	76,000	27	7	0.9132	0.2865	0.2156
R7967500020	1	10/16/2024	\$	351,900	\$	385,000	2142	7	0.9140	0.2479	0.2119
R5201230140	1	8/14/2025	\$	199,400	\$	218,000	27	7	0.9147	0.2687	0.2091
R1443000001	1	12/12/2024	\$	449,800	\$	490,000	2142	7	0.9180	0.2345	0.1951
R3691210042	1	11/4/2024	\$	442,200	\$	475,000	2100	7	0.9309	0.2356	0.1398
R7777810545	3	2/1/2025	\$	10,643,100	\$	11,400,000	2142	7	0.9336	1.1579	0.1285
R5378243600	1	6/9/2025	\$	77,500	\$	83,000	27	7	0.9337	0.2854	0.1280
R5378241040	1	6/13/2025	\$	84,200	\$	90,000	27	7	0.9356	0.2845	0.1202
R2734541445	1	1/14/2025	\$	725,500	\$	775,000	2142	7	0.9361	0.1969	0.1178
R2739341060	1	11/25/2024	\$	164,500	\$	175,000	27	7	0.9400	0.2735	0.1013
R1013700934	1	12/20/2024	\$	1,225,400	\$	1,300,000	2243	7	0.9426	0.1286	0.0901
R7715170040	1	3/18/2025	\$	596,600	\$	630,000	2142	7	0.9470	0.2145	0.0715
R5378241060	1	7/31/2025	\$	199,900	\$	210,000	27	7	0.9519	0.2687	0.0506
R7476000540	1	10/31/2024	\$	275,500	\$	289,000	2100	7	0.9533	0.2583	0.0447
R2817830750	1	7/22/2025	\$	229,500	\$	239,900	27	7	0.9566	0.2646	0.0304
R5378244120	1	4/11/2025	\$	77,500	\$	81,000	27	7	0.9568	0.2854	0.0298
S1113336500	2	1/1/2025	\$	2,043,200	\$	2,135,326	2142	7	0.9569	0.0169	0.0295
R2734520210	1	11/22/2024	\$	978,900	\$	1,015,000	2142	7	0.9644	0.1622	0.0028
R5378243120	1	4/11/2025	\$	69,400	\$	71,000	27	7	0.9775	0.2865	0.0583
R5378244020	1	9/29/2025	\$	69,500	\$	71,000	27	7	0.9789	0.2865	0.0643
R5201230100	1	2/25/2025	\$	199,400	\$	202,500	27	7	0.9847	0.2687	0.0890
R1013002735	1	10/2/2024	\$	1,724,100	\$	1,750,000	2142	7	0.9852	0.0605	0.0912
R5201230040	1	9/12/2025	\$	182,500	\$	185,000	27	7	0.9865	0.2710	0.0967
R4432500042	1	7/12/2025	\$	1,086,700	\$	1,100,000	2142	7	0.9879	0.1475	0.1027
R9351910020	1	12/17/2024	\$	1,735,100	\$	1,750,000	2142	7	0.9915	0.0590	0.1180
R5201230240	1	12/31/2024	\$	186,500	\$	188,000	27	7	0.9920	0.2705	0.1203
R5201231120	1	12/31/2024	\$	320,600	\$	323,171	27	7	0.9920	0.2522	0.1204
R5201231820	1	1/31/2025	\$	233,800	\$	235,000	27	7	0.9949	0.2640	0.1325
R7780513132	1	12/10/2024	\$	797,400	\$	800,000	2142	7	0.9968	0.1870	0.1404
R2649310600	1	12/17/2024	\$	62,500	\$	62,700	27	7	0.9968	0.2874	0.1406
R2649310680	1	12/17/2024	\$	62,500	\$	62,700	27	7	0.9968	0.2874	0.1406
R8220280080	1	12/15/2024	\$	190,200	\$	190,611	27	7	0.9978	0.2700	0.1450
R5378241800	1	6/13/2025	\$	94,800	\$	95,000	27	7	0.9979	0.2830	0.1453
S1010417550	2	9/16/2025	\$	2,097,100	\$	2,100,000	2142	7	0.9986	0.0095	0.1483
R2817830330	1	6/25/2025	\$	236,800	\$	236,864	27	7	0.9997	0.2636	0.1531
R5201230960	1	12/6/2024	\$	471,900	\$	472,000	27	7	0.9998	0.2315	0.1533
R1365730010	1	12/17/2024	\$	650,000	\$	650,000	2142	7	1.0000	0.2072	0.1542
R2649311380	1	12/17/2024	\$	108,000	\$	108,000	27	7	1.0000	0.2812	0.1542
R2649311400	1	12/17/2024	\$	108,000	\$	108,000	27	7	1.0000	0.2812	0.1542

R5378241160	1	10/17/2024	\$	105,000	\$	105,000	27	7	1.0000	0.2816	0.1542
S1020120780	1	12/31/2024	\$	650,000	\$	650,000	2142	7	1.0000	0.2072	0.1542
R1013770250	1	12/6/2024	\$	1,715,200	\$	1,715,175	2200	7	1.0000	0.0617	0.1543
R3817010182	1	9/3/2025	\$	365,500	\$	365,000	2142	7	1.0014	0.2460	0.1601
R1625500897	1	2/26/2025	\$	701,200	\$	700,000	2142	7	1.0017	0.2002	0.1615
R5378240720	1	5/19/2025	\$	84,200	\$	84,000	27	7	1.0024	0.2845	0.1644
R5378242720	1	11/14/2024	\$	84,200	\$	84,000	27	7	1.0024	0.2845	0.1644
R1013009125	1	12/16/2024	\$	552,700	\$	550,000	2142	7	1.0049	0.2205	0.1751
R1625501656	1	6/27/2025	\$	1,056,300	\$	1,050,000	2142	7	1.0060	0.1517	0.1798
R5201230160	1	12/31/2024	\$	199,400	\$	197,000	27	7	1.0122	0.2687	0.2061
R1343840080	1	4/30/2025	\$	684,200	\$	675,000	2142	7	1.0136	0.2025	0.2123
R5378242740	1	11/27/2024	\$	84,200	\$	83,000	27	7	1.0145	0.2845	0.2158
R2734530735	1	5/1/2025	\$	1,018,600	\$	1,000,000	2142	7	1.0186	0.1568	0.2334
R5201231540	1	11/22/2024	\$	224,700	\$	220,000	27	7	1.0214	0.2653	0.2452
R5201231520	1	12/17/2024	\$	224,700	\$	219,599	27	7	1.0232	0.2653	0.2531
R2822500010	2	10/30/2024	\$	4,350,000	\$	4,247,272	2142	7	1.0242	0.2982	0.2572
R6650000115	1	12/13/2024	\$	487,300	\$	475,000	2142	7	1.0259	0.2294	0.2645
R3179070060	1	10/24/2024	\$	266,900	\$	260,000	27	7	1.0265	0.2595	0.2672
R9374500006	2	11/27/2024	\$	3,340,300	\$	3,250,000	2142	7	1.0278	0.1603	0.2725
R2817830340	1	4/1/2025	\$	236,400	\$	230,000	27	7	1.0278	0.2637	0.2727
R1343840020	1	10/21/2024	\$	773,100	\$	750,000	2142	7	1.0308	0.1904	0.2854
R8019000006	1	3/28/2025	\$	1,069,500	\$	1,036,000	2142	7	1.0323	0.1499	0.2919
R2817830050	1	11/15/2024	\$	283,900	\$	275,000	27	7	1.0324	0.2572	0.2920
S1112110100	3	10/21/2024	\$	6,277,900	\$	6,050,000	2142	7	1.0377	0.5616	0.3146
R0044300020	1	9/30/2025	\$	415,700	\$	400,000	27	7	1.0393	0.2392	0.3214
R5378240740	1	7/23/2025	\$	84,200	\$	81,000	27	7	1.0395	0.2845	0.3225
R5378241940	1	12/10/2024	\$	83,200	\$	80,000	27	7	1.0400	0.2846	0.3246
R7777801890	1	9/22/2025	\$	761,900	\$	725,000	2142	7	1.0509	0.1919	0.3710
R2734510440	1	7/16/2025	\$	778,300	\$	740,000	2142	7	1.0518	0.1897	0.3746
R0044300030	1	9/30/2025	\$	421,400	\$	400,000	27	7	1.0535	0.2384	0.3821
R8191508550	1	12/10/2024	\$	1,200,000	\$	1,100,000	2142	7	1.0909	0.1320	0.5414
R1955001720	1	1/27/2025	\$	970,600	\$	880,000	2142	7	1.1030	0.1634	0.5927
R9313400910	1	12/3/2024	\$	1,123,100	\$	1,000,000	2243	7	1.1231	0.1426	0.6784
R7074000350	1	8/25/2025	\$	1,192,800	\$	1,060,000	2142	7	1.1253	0.1330	0.6877
R3720250010	1	5/6/2025	\$	1,125,300	\$	990,000	2142	7	1.1367	0.1423	0.7362
S1007212680	2	7/24/2025	\$	2,121,200	\$	1,845,000	2142	7	1.1497	0.0062	0.7917
R0539004780	1	7/28/2025	\$	345,200	\$	300,000	2142	7	1.1507	0.2488	0.7958
R5201230920	1	8/18/2025	\$	276,600	\$	235,000	27	7	1.1770	0.2582	0.9081
R6635310140	1	4/24/2025	\$	341,400	\$	290,000	2142	7	1.1772	0.2493	0.9090
R5201230940	1	8/18/2025	\$	276,800	\$	235,000	27	7	1.1779	0.2582	0.9117
R2817830830	1	8/13/2025	\$	211,500	\$	175,000	27	7	1.2086	0.2671	1.0424
R5538920660	2	11/6/2024	\$	2,191,400	\$	1,750,000	2142	7	1.2522	0.0034	1.2283
S1007233950	2	9/22/2025	\$	2,257,100	\$	1,800,000	2142	7	1.2539	0.0124	1.2356
R1271000070	1	4/15/2025	\$	552,300	\$	425,000	2142	7	1.2995	0.2205	1.4297

R1013003945	1	3/11/2025	\$	1,153,100	\$	875,000	2142	7	1.3178	0.1385	1.5077
R1013004746	1	3/31/2025	\$	783,400	\$	565,000	2142	7	1.3865	0.1890	1.8003
R2739341080	1	2/5/2025	\$	245,800	\$	160,000	27	7	1.5363	0.2624	2.4378
S0629347040	3	8/13/2025	\$	6,349,500	\$	3,500,000	2142	7	1.8141	0.5714	3.6212
R7533490010	1	4/10/2025	\$	1,586,800	\$	640,000	2142	7	2.4794	0.0792	6.4540

School District 1 - 2025 - Residential Properties Analysis

Residential Properties	Total AV	\$ 39,053,551,800
	Average AV	\$ 516,882
	Standard Deviation of AV	\$ 321,555

Residential Value Group Statistics

Value Group	(Sold and Unsold) Average Assessed Value	(Sold and Unsold) Stdev of Assessed Value	Mean Sales Ratio	Weighted Mean Sales Ratio	Stdev (Ratio)	Lower 90% CI around the Weighted Mean Ratio	Upper 90% CI around the Weighted Mean Ratio	Sales Counts from Current Ratio Study Data files	Sales - Outliers: Value, Z-Score of 3 or more	Sales - Outliers: Ratio, Z-Score of 3 or more	Total Sales Used by Value Group	
1	\$275,574	\$131,077	90.04%	90.29%	16.19%	89.65%	90.93%	954	9	8	937	
2	\$453,563	\$28,629	92.94%	92.08%	8.64%	91.49%	92.66%	631	0	10	621	
3	\$576,127	\$43,201	91.56%	90.38%	9.24%	89.66%	91.09%	542	0	9	533	
4	\$759,808	\$65,544	91.66%	90.57%	9.49%	89.69%	91.44%	387	1	2	384	
5	\$1,268,880	\$474,664	90.35%	88.69%	11.55%	87.33%	90.06%	252	6	3	243	
								Total Sales Available	2766	16	32	2,718

Value Group	(Sold and Unsold) Parcel Count from data file	(Sold and Unsold) Total AV from data file	(Sold and Unsold) Adjusted Total AV from data file with Outlier (VG)	(Sold and Unsold) 3 SD +/- OUTLIER, Adjusted Total AV from data file without Outliers	
1	28,343	\$ 7,810,585,100	\$8,650,811,266	\$8,650,106,405	<== AV adjusted by Weighted Mean Sales Ratio
2	17,220	\$ 7,810,363,000	\$8,482,360,484	\$8,477,441,704	<== AV adjusted by Weighted Mean Sales Ratio
3	13,557	\$ 7,810,549,900	\$8,642,184,695	\$8,636,462,666	<== AV adjusted by Weighted Mean Sales Ratio
4	10,280	\$ 7,810,825,600	\$8,624,343,604	\$8,621,623,303	<== AV adjusted by Weighted Mean Sales Ratio
5	6,156	\$ 7,811,228,200	\$8,807,087,748	\$8,778,138,971	<== AV adjusted by Weighted Mean Sales Ratio
	75,556	\$39,053,551,800	\$43,206,787,797	\$43,163,773,049	

POPULATION (Sold and Unsold) Outlier Review - Based on Value

Value Group	# >3 SD	# >4 SD	# >5 SD	# >6 SD	# >7 SD	# >8 SD
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	1228	588	299	153	90	59
\$ AV of Outliers	\$ 2,418,701,900	\$ 1,383,661,600	\$ 820,728,000	\$ 489,681,300	\$ 327,727,300	\$ 237,632,800

Value Group	# >9 SD	# >10 SD	# >15 SD	Value of Outliers with Std. Score >= 3
1	0	0	0	\$ -
2	0	0	0	\$ -
3	0	0	0	\$ -
4	0	0	0	\$ -
5	39	23	8	\$ 2,418,701,900
\$ AV of Outliers	\$ 173,389,700	\$ 116,092,000	\$ 53,488,200	\$ 2,418,701,900

School District 1 - 2025 - Residential Properties Analysis

**Residential
POPULATION (Sold and Unsold) Statistics**

Average Assessed Value	Stdev of Assessed Value	Mean Sales Ratio	Weighted Mean Sales Ratio	Stdev (Ratio)	Lower 90% CI around the Weighted Mean Ratio	Upper 90% CI around the Weighted Mean Ratio	Sales Counts from Current Ratio Study Data files	Sales that are Value Outliers, Z-Score of 3 or more	Sales that are Ratio Outliers, Z-Score of 3 or more
\$516,882	\$321,555	91.35%	90.39%	11.92%	89.98%	90.79%	2,766	46	19
							Sales Used		2,701

Parcel Count	Total AV
75,556	\$39,053,551,800

	# >3 SD	# >4 SD	# >5 SD	# >6 SD	# >7 SD	# >8 SD
Count of Outliers	1,228	588	299	153	90	59
\$ AV of Outliers	\$ 2,418,701,900	\$ 1,383,661,600	\$ 820,728,000	\$ 489,681,300	\$ 327,727,300	\$ 237,632,800

	# >9 SD	# >10 SD	# >15 SD	# >20 SD	# >30 SD	# >40 SD	Value of Outliers with Std. Score >= 3
Count of Outliers	39	23	8	2	1	0	\$2,418,701,900
\$ AV of Outliers	\$ 173,389,700	\$ 116,092,000	\$ 53,488,200	\$ 18,602,600	\$ 11,425,800	\$ -	

School District 1 - 2025 - Residential Properties Analysis

Residential Properties
Sales

Categories in Ratio	Abstract Category	Total AV	Average AV	Standard Deviation AV	Sales Count	Sales Count after Value Outlier Removed used in Value Group Studies	Sales Count after Value Group Outlier Removed - Count used in Population Study
Study							
12	12	\$992,600	\$496,300	\$ 118,086.83	2	0	2
15	15	\$336,200	\$336,200		1	0	1
18	18	\$408,000	\$408,000		1	0	1
20	20	\$15,860,200	\$337,451	\$ 223,231.84	47	0	47
26	26	\$62,566,600	\$437,529	\$ 264,341.64	141	5	136
46	46	\$113,300	\$37,767	\$ 36,579.27	3	0	3
50	50	\$701,000	\$350,500	\$ 37,476.66	2	0	2
65	65	\$9,156,600	\$75,054	\$ 54,652.45	116	0	116
1234	34	\$6,831,800	\$1,707,950	\$ 2,459,529.94	4	1	3
1537	37	\$128,931,400	\$664,595	\$ 256,247.01	194	0	194
2041	41	\$1,275,566,300	\$574,062	\$ 295,965.89	2,222	9	2,213
2046	46	\$2,711,300	\$208,562	\$ 71,052.52	13	0	13
2048	48	\$3,362,300	\$305,664	\$ 89,632.94	11	0	11
					2,757	15	2,742

Categories in Ratio	Total AV from Sales	Sales - Value Group 1 Only Count	From Sales data file Total AV	Sales - Value Group 2 Only Count	From Sales data file Total AV	Sales - Value Group 3 Only Count	From Sales data file Total AV	Sales - Value Group 4 Only Count	From Sales data file Total AV	Sales - Value Group 5 Only Count	From Sales data file Total AV
Study											
12	\$992,600	0	\$0	1	\$412,800	1	\$579,800	0	\$0	0	\$0
15	\$336,200	1	\$336,200	0	\$0	0	\$0	0	\$0	0	\$0
18	\$408,000	0	\$0	1	\$408,000	0	\$0	0	\$0	0	\$0
20	\$15,860,200	33	\$7,206,800	4	\$1,767,500	5	\$2,662,700	4	\$3,152,500	1	\$1,070,700
26	\$62,566,600	86	\$25,206,700	24	\$10,821,300	12	\$6,716,500	7	\$5,570,000	7	\$8,480,500
46	\$113,300	3	\$113,300	0	\$0	0	\$0	0	\$0	0	\$0
50	\$701,000	2	\$701,000	0	\$0	0	\$0	0	\$0	0	\$0
65	\$9,156,600	116	\$8,286,700	0	\$0	0	\$0	0	\$0	0	\$0
1234	\$6,831,800	1	\$288,600	1	\$477,400	0	\$0	1	\$676,200	0	\$0
1537	\$128,931,400	26	\$9,709,500	36	\$16,322,000	45	\$26,433,000	58	\$43,113,000	29	\$33,353,900
2041	\$1,275,566,300	652	\$234,519,600	560	\$254,433,400	477	\$274,907,000	315	\$237,861,400	209	\$253,610,000
2046	\$2,711,300	12	\$2,280,400	1	\$430,900	0	\$0	0	\$0	0	\$0
2048	\$3,362,300	9	\$2,432,600	1	\$414,900	1	\$514,800	0	\$0	0	\$0
		941		629		541		385		246	

School District 1 - 2025 - Residential Properties Analysis

Residential Properties
POPULATION (Sold and Unsold) Distribution

Abstract Category	Total AV	% of Population based on Value	Category in Value Group 1 as % of Population based on Value	Category in Value Group 2 as % of Population based on Value	Category in Value Group 3 as % of Population based on Value	Category in Value Group 4 as % of Population based on Value	Category in Value Group 5 as % of Population based on Value
12	\$17,101,800	0.0438%	0.0255%	0.0090%	0.0074%	0.0019%	0.0000%
15	\$35,164,700	0.0900%	0.0678%	0.0000%	0.0016%	0.0206%	0.0000%
18	\$122,360,100	0.3133%	0.0625%	0.0044%	0.0151%	0.0109%	0.2204%
20	\$402,897,300	1.0317%	0.7640%	0.0847%	0.0623%	0.0771%	0.0435%
26	\$1,128,625,600	2.8899%	1.4732%	0.4843%	0.3382%	0.2385%	0.3557%
34	\$227,024,000	0.5813%	0.0200%	0.0404%	0.0803%	0.0966%	0.3441%
37	\$2,786,756,400	7.1357%	0.7522%	1.2171%	1.7620%	2.1067%	1.2977%
40	\$19,822,300	0.0508%	0.0342%	0.0000%	0.0000%	0.0000%	0.0166%
41	\$33,946,693,200	86.9234%	15.9571%	18.1023%	17.7000%	17.4408%	17.7233%
46	\$81,885,800	0.2097%	0.1940%	0.0068%	0.0071%	0.0017%	0.0000%
48	\$136,423,600	0.3493%	0.2680%	0.0503%	0.0255%	0.0055%	0.0000%
50	\$10,963,900	0.0281%	0.0281%	0.0000%	0.0000%	0.0000%	0.0000%
65	\$137,833,100	0.3529%	0.3529%	0.0000%	0.0000%	0.0000%	0.0000%

\$39,053,551,800

Abstract Category	Divisor	Value Group 1 Weight	Value Group 2 Weight	Suggested Divisor - Weighted Mean Sales Ratio from Value Group 1 - Residential Property	Suggested Divisor - Weighted Mean Sales Ratio from Value Group 2 - Residential Property	Suggested Divisor - Weighted Mean Sales Ratio from Value Group 3 - Residential Property	Suggested Divisor - Weighted Mean Sales Ratio from Value Group 4 - Residential Property	Suggested Divisor - Weighted Mean Sales Ratio from Value Group 5 - Residential Property
12	0.9038	0.0003	0.9997	1.0000	0.9208	0.9038	1.0000	1.0000
15	0.9029	0.0006	0.9994	0.9029	1.0000	1.0000	1.0000	1.0000
18	0.9208	0.0006	0.9994	1.0000	0.9208	1.0000	1.0000	1.0000
20	0.8869	0.0069	0.9931	0.9029	0.9208	0.9038	0.9057	0.8869
26	0.8869	0.0133	0.9867	0.9029	0.9208	0.9038	0.9057	0.8869
34	0.9029	0.0002	0.9998	0.9029	0.9208	1.0000	0.9057	1.0000
37	0.8869	0.0068	0.9932	0.9029	0.9208	0.9038	0.9057	0.8869
40	1.0000	0.0003	0.9997	1.0000	1.0000	1.0000	1.0000	1.0000
41	0.8869	0.1441	0.8559	0.9029	0.9208	0.9038	0.9057	0.8869
46	0.9029	0.0018	0.9982	0.9029	1.0000	1.0000	1.0000	1.0000
48	0.9029	0.0024	0.9976	0.9029	0.9208	0.9038	1.0000	1.0000
50	0.9029	0.0003	0.9997	0.9029	1.0000	1.0000	1.0000	1.0000
65	0.9029	0.0032	0.9968	0.9029	1.0000	1.0000	1.0000	1.0000

School District 1 - 2025 - Residential Properties Analysis

Residential Properties Computation		<i>Only those categories affected by ratio study results are shown.</i>										
Abstract Category	Total AV (Value Outliers Removed)	AV attributed to VG 1	Value of Outliers in Value Group 1	AV attributed to VG 2	Value of Outliers in Value Group 2	AV attributed to VG 3	Value of Outliers in Value Group 3	AV attributed to VG 4	Value of Outliers in Value Group 4	AV attributed to VG 5	Value of Outliers in Value Group 5	Total Value of Value Group Outliers
12	\$17,101,800	\$9,976,200	\$0	\$3,500,700	\$0	\$2,894,800	\$0	\$730,100	\$0	\$0	\$0	\$0
15	\$35,164,700	\$26,497,000	\$0	\$0	\$0	\$634,100	\$0	\$8,033,600	\$0	\$0	\$0	\$0
18	\$122,360,100	\$24,415,700	\$0	\$1,721,000	\$0	\$5,881,600	\$0	\$4,251,900	\$0	\$86,089,900	\$0	\$0
20	\$402,897,300	\$298,387,000	\$0	\$33,082,200	\$0	\$24,341,600	\$0	\$30,092,100	\$0	\$16,994,400	\$0	\$0
26	\$1,124,269,700	\$575,336,800	\$4,355,900	\$189,122,600	\$0	\$132,096,500	\$0	\$93,162,200	\$0	\$138,907,500	\$0	\$4,355,900
34	\$221,634,400	\$7,821,500	\$0	\$15,760,800	\$0	\$31,347,100	\$0	\$37,722,100	\$0	\$134,372,500	\$5,389,600	\$5,389,600
37	\$2,786,756,400	\$293,771,900	\$0	\$475,304,500	\$0	\$688,119,500	\$0	\$822,746,100	\$0	\$506,814,400	\$0	\$0
40	\$19,822,300	\$13,350,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,471,800	\$0	\$0
41	\$33,926,458,300	\$6,231,797,200	\$2,914,600	\$7,069,576,700	\$0	\$6,912,471,500	\$0	\$6,811,270,100	\$1,201,000	\$6,921,577,700	\$16,119,300	\$20,234,900
46	\$81,885,800	\$75,768,400	\$0	\$2,651,100	\$0	\$2,789,100	\$0	\$677,200	\$0	\$0	\$0	\$0
48	\$136,423,600	\$104,665,900	\$0	\$19,643,400	\$0	\$9,974,100	\$0	\$2,140,200	\$0	\$0	\$0	\$0
50	\$10,963,900	\$10,963,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65	\$137,833,100	\$137,833,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total AV**	\$39,023,571,400	\$7,810,585,100	\$7,270,500	\$7,810,363,000	\$0	\$7,810,549,900	\$0	\$7,810,825,600	\$1,201,000	\$7,811,228,200	\$21,508,900	\$29,980,400
** Value of Outliers Removed		\$7,803,314,600		\$7,810,363,000		\$7,810,549,900		\$7,809,624,600		\$7,789,719,300		

Abstract Category	Adjusted Total AV	Adjusted AV for VG 1	Value of Outliers - VG 1	Adjusted AV for VG 2	Value of Outliers - VG 2	Adjusted AV for VG 3	Value of Outliers - VG 3	Adjusted AV for VG 4	Value of Outliers - VG 4	Adjusted AV for VG 5	Value of Outliers - VG 5	Total Value of Value Group Outliers
12	\$17,711,224	\$9,976,200	\$0	\$3,801,897	\$0	\$3,203,026	\$0	\$730,100	\$0	\$0	\$0	\$0
15	\$38,015,123	\$29,347,423	\$0	\$0	\$0	\$634,100	\$0	\$8,033,600	\$0	\$0	\$0	\$0
18	\$122,508,173	\$24,415,700	\$0	\$1,869,073	\$0	\$5,881,600	\$0	\$4,251,900	\$0	\$86,089,900	\$0	\$0
20	\$445,735,335	\$330,486,076	\$0	\$35,928,566	\$0	\$26,933,392	\$0	\$33,226,271	\$0	\$19,161,029	\$0	\$0
26	\$1,247,798,608	\$636,760,251	\$4,355,900	\$205,394,560	\$0	\$146,161,585	\$0	\$102,865,288	\$0	\$156,616,925	\$0	\$4,355,900
34	\$233,150,303	\$8,662,900	\$0	\$17,116,847	\$0	\$31,347,100	\$0	\$41,650,956	\$0	\$134,372,500	\$5,389,600	\$5,389,600
37	\$3,082,827,255	\$325,374,505	\$0	\$516,199,325	\$0	\$761,387,596	\$0	\$908,437,268	\$0	\$571,428,561	\$0	\$0
40	\$19,822,300	\$13,350,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,471,800	\$0	\$0
41	\$37,550,708,021	\$6,901,871,218	\$2,914,600	\$7,677,837,514	\$0	\$7,648,482,651	\$0	\$7,520,556,686	\$1,201,000	\$7,801,959,953	\$16,119,300	\$20,234,900
46	\$90,036,610	\$83,919,210	\$0	\$2,651,100	\$0	\$2,789,100	\$0	\$677,200	\$0	\$0	\$0	\$0
48	\$150,435,171	\$115,925,367	\$0	\$21,333,503	\$0	\$11,036,101	\$0	\$2,140,200	\$0	\$0	\$0	\$0
50	\$12,143,345	\$12,143,345	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65	\$152,660,539	\$152,660,539	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$8,644,893,236	\$7,270,500	\$8,482,132,385	\$0	\$8,637,856,250	\$0	\$8,622,569,468	\$1,201,000	\$8,776,100,669	\$21,508,900	\$29,980,400
Adjusted Total AV	\$43,163,552,008	\$8,652,163,736		\$8,482,132,385		\$8,637,856,250		\$8,623,770,468		\$8,797,609,569		\$29,980,400
AV of Value Outliers	\$29,980,400											
Estimated Adjusted Total AV, including Outliers	\$43,193,532,408											

School District 1 - 2025 - Residential Properties Analysis

Residential Properties

Abstract Category	Adjustment1	Value of Outliers
12	0.965591	\$0
15	0.925019	\$0
18	0.998791	\$0
20	0.903894	\$0
26	0.901003	\$4,355,900
34	0.950607	\$5,389,600
37	0.903961	\$0
40	1.000000	\$0
41	0.903484	\$20,234,900
46	0.909472	\$0
48	0.906860	\$0
50	0.902873	\$0
65	0.902873	\$0

Residential Value Groups Appraisal Ratio Study

Dataset C:\Users\gevans\OneDrive - State of Idaho\Documents\Boise School Study\2026\
 Residential Ratio Study.NCSS
 Filter (Value_VG_Outliers < 3) AND (Ratio_VG_Outliers < 3)
 Ratio Formula Ratio = Assessed_Value / Time_Adjusted_Sale_Price

Ratio Summary Statistics

VG	Count	Median	Mean	Wtd. Mean	IQR	SD	COD	COV	PRD	PRB
1	937	0.9182	0.9014	0.9029	0.1257	0.1619	11.20898	17.9614	0.9983474	0.04457221
2	621	0.9293	0.9288	0.9208	0.0976	0.0864	6.950101	9.3013	1.008711	-0.4892586
3	533	0.9239	0.9136	0.9038	0.1138	0.0924	7.659145	10.1160	1.010895	-0.4175563
4	384	0.9203	0.9162	0.9057	0.1089	0.0949	7.614782	10.3604	1.011653	-0.3799945
5	243	0.9056	0.9013	0.8869	0.1498	0.1155	9.54847	12.8125	1.016239	-0.09184634

Wtd. Mean: Weighted Mean
 IQR: Interquartile Range
 COD: Coefficient of Dispersion
 COV: Coefficient of Variation
 PRD: Price-Related Differential
 PRB: Coefficient of Price-Related Bias

Appraisal and Sale Price Summary Statistics

VG	Count	Appraisal Mean	Sale Price Mean	Appraisal Median	Sale Price Median
1	937	310946.00	344396.11	347800.00	379000.00
2	621	453786.31	492829.73	451600.00	489500.00
3	533	576475.98	637856.74	573800.00	629000.00
4	384	753792.45	832301.91	749550.00	820000.00
5	243	1203080.66	1356462.35	1112500.00	1252000.00

Confidence Intervals

VG	Count	Ratio Median	Median 90% C.I.		Ratio Mean	Mean 90% C.I.		Ratio Wtd. Mean	Wtd. Mean 90% C.I.	
			Lower	Upper		Lower	Upper		Lower	Upper
1	937	0.9182	0.9130	0.9238	0.9014	0.8927	0.9101	0.9029	0.8965	0.9093
2	621	0.9293	0.9233	0.9345	0.9288	0.9231	0.9345	0.9208	0.9149	0.9266
3	533	0.9239	0.9167	0.9313	0.9136	0.9070	0.9202	0.9038	0.8966	0.9109
4	384	0.9203	0.9137	0.9276	0.9162	0.9082	0.9242	0.9057	0.8969	0.9144
5	243	0.9056	0.8960	0.9141	0.9013	0.8891	0.9136	0.8869	0.8733	0.9006

Residential Value Groups Appraisal Ratio Study

Dataset C:\Users\gevans\OneDrive - State of Idaho\Documents\Boise School Study\2026\
 Residential Ratio Study.NCSS
 Filter (Value_VG_Outliers < 3) AND (Ratio_VG_Outliers < 3)
 Ratio Formula Ratio = Assessed_Value / Time_Adjusted_Sale_Price

Normality Assumption

P-Values (< 0.1 rejects Normality)

VG	Count	Skew	Kurt	S-W	A-D	M-I	K-S	D-S	D-KD-O
1	937	-0.343478	6.172383	0	0 < 0.1	< 0.1	2.624132E-05		0 0
2	621	-0.01821697	0.9772447	3.055684E-05	2.959777E-06	< 0.1	< 0.1	0.8516307	0.0003185296
				0.0015086					
3	533	-0.4717574	0.6385199	5.504266E-06	2.736715E-07	< 0.1	< 0.1	1.830994E-05	0.01334368
				4.832149E-06					
4	384	-0.4443545	0.9470113	7.161175E-06	3.283118E-07	< 0.1	< 0.1	0.0005438302	0.004312651
				4.305024E-05					
5	243	-0.0007384833	0.6724405	0.04293667	0.009775244	< 0.1	< 0.1	0.9961661	0.06298704
				0.1775544					

Skew: Skewness (Negative values indicate left skewness; positive values indicate right skewness; values close to 0 indicate little skewness.)
 Kurt: Kurtosis (Negative values indicate fatter tails; positive values indicate a strong peak and lighter tails.)
 S-W: Shapiro-Wilk W Test
 A-D: Anderson-Darling Test
 M-I: Martinez-Iglewicz Test
 K-S: Kolmogorov-Smirnov (Lilliefors' adjusted) Test
 D-S: D'Agostino Skewness Test
 D-K: D'Agostino Kurtosis Test
 D-O: D'Agostino Omnibus (Skewness and Kurtosis) Test

Tests for which the Normality assumption is rejected are highlighted in red.

RESIDENTIAL VALUE GROUP (VALUE BASED) OUTLIERS

VALUE GROUP					
Value Group	Parcel Number	Sale Date	Assessed Value	Category	VG_Z-Score
1	R8373730210	5/27/2025	\$ 700,300	26	3.24028
1	R7406310140	6/30/2025	\$ 832,100	26	4.24580
1	R0425540030	1/17/2025	\$ 856,800	2142	4.43424
1	R1080200140	7/17/2025	\$ 867,900	2041	4.51892
1	R0416210100	5/9/2025	\$ 871,400	26	4.54562
1	R0416210280	7/31/2025	\$ 952,900	26	5.16739
1	R9242860090	7/11/2025	\$ 979,600	2041	5.37109
1	R0416210180	2/21/2025	\$ 999,200	26	5.52062
1	R9242860050	3/14/2025	\$ 1,067,100	2041	6.03864
4	R3856001905	9/19/2025	\$ 1,201,000	2041	6.73120
5	R8037540130	3/14/2025	\$ 2,833,300	2041	3.29585
5	R1306030020	11/15/2024	\$ 2,928,500	2041	3.49641
5	R7284410100	5/14/2025	\$ 3,142,200	2041	3.94662
5	R3616760461	7/31/2025	\$ 3,231,200	2041	4.13412
5	R1013500080	6/11/2025	\$ 3,984,100	2041	5.72030
5	S0601427900	12/12/2024	\$ 5,389,600	1234	8.68134

RESIDENTIAL POPULATION (VALUE BASED) OUTLIERS

Parcel	Sale Date	Assessed Value	Time Adjusted Sale	Category	Pop Z-Score
R2940720320	10/25/2024	\$ 1,483,100	\$ 1,599,000	26	3.00483
R3610290270	11/15/2024	\$ 1,505,300	\$ 1,680,000	1537	3.07387
S1011438832	11/21/2024	\$ 1,505,700	\$ 1,525,000	2041	3.07512
R6121310085	4/30/2025	\$ 1,515,900	\$ 1,550,000	2041	3.10684
R0523750050	8/11/2025	\$ 1,521,000	\$ 1,250,000	2041	3.12270
R6042301400	10/18/2024	\$ 1,521,700	\$ 1,650,000	1537	3.12487
R3616251479	6/16/2025	\$ 1,550,500	\$ 2,500,000	2041	3.21444
R1035150300	4/17/2025	\$ 1,560,300	\$ 1,784,000	2041	3.24492
R3482100420	4/11/2025	\$ 1,561,000	\$ 1,385,000	2041	3.24709
R7284750040	2/18/2025	\$ 1,568,000	\$ 1,750,000	2041	3.26886
R6042301680	11/8/2024	\$ 1,569,100	\$ 1,675,000	1537	3.27228
R0879510710	11/14/2024	\$ 1,576,200	\$ 1,722,000	2041	3.29436
R8037540600	10/31/2024	\$ 1,578,300	\$ 1,680,000	2041	3.30089
R9529180080	8/29/2025	\$ 1,636,100	\$ 1,540,000	2041	3.48065
R5983890210	3/7/2025	\$ 1,654,300	\$ 1,859,900	2041	3.53725
R8980000250	12/17/2024	\$ 1,658,400	\$ 1,800,000	2041	3.55000
S1012223403	5/15/2025	\$ 1,680,200	\$ 1,925,000	2041	3.61779
R7181810090	9/18/2025	\$ 1,687,900	\$ 2,349,000	2041	3.64174
R3482110140	6/17/2025	\$ 1,716,200	\$ 1,825,000	2041	3.72975
R1035190050	9/29/2025	\$ 1,735,800	\$ 2,350,000	2041	3.79070
R5785000130	3/31/2025	\$ 1,741,200	\$ 2,838,000	2041	3.80750
R6120520250	8/11/2025	\$ 1,756,500	\$ 1,950,000	2041	3.85508
R5983920050	12/13/2024	\$ 1,769,900	\$ 2,200,000	2041	3.89675
R8037290060	4/2/2025	\$ 1,783,300	\$ 1,955,000	2041	3.93842
R5436140600	7/23/2025	\$ 1,786,900	\$ 1,700,000	2041	3.94962
R6120402200	6/24/2025	\$ 1,805,700	\$ 1,900,000	2041	4.00808
R0523750250	2/27/2025	\$ 1,816,200	\$ 2,050,000	2041	4.04074
R3616251290	12/20/2024	\$ 1,843,300	\$ 1,600,000	2041	4.12502
R8037290075	4/17/2025	\$ 1,849,600	\$ 2,087,500	2041	4.14461
R1035200160	8/8/2025	\$ 1,894,700	\$ 1,800,000	2041	4.28486
R7406000415	10/4/2024	\$ 1,901,600	\$ 2,325,000	2041	4.30632
R9227100020	8/27/2025	\$ 1,921,800	\$ 2,097,000	2041	4.36914
R0523750370	6/27/2025	\$ 1,940,800	\$ 2,500,000	2041	4.42823
R5983350490	6/16/2025	\$ 1,978,400	\$ 1,400,000	2041	4.54516
R1035280130	9/15/2025	\$ 2,094,100	\$ 1,700,000	26	4.90498
R9529180246	11/20/2024	\$ 2,100,000	\$ 2,100,000	2041	4.92332
R1035210040	9/23/2025	\$ 2,115,700	\$ 2,247,900	2041	4.97215

R7475830110	5/30/2025	\$ 2,134,700	\$ 2,500,000	2041	5.03124
R7406000505	9/16/2025	\$ 2,168,200	\$ 2,500,000	2041	5.13542
R3482130680	10/18/2024	\$ 2,347,900	\$ 2,600,000	2041	5.69427
R8037540130	3/14/2025	\$ 2,833,300	\$ 3,015,000	2041	7.20381
R1306030020	11/15/2024	\$ 2,928,500	\$ 3,000,000	2041	7.49987
R7284410100	5/14/2025	\$ 3,142,200	\$ 3,250,000	2041	8.16445
R3616760461	7/31/2025	\$ 3,231,200	\$ 4,728,384	2041	8.44123
R1013500080	6/11/2025	\$ 3,984,100	\$ 3,400,000	2041	10.78267
S0601427900	12/12/2024	\$ 5,389,600	\$ 5,725,000	1234	15.15362

Residential Value Groups Sales (with outlier data)

Parcel	VG	Sale Date	AV	TASP	Cat	Dist	Ratio	AV z-score	% z-score
MDETR601001	1	7/17/2025	\$ 2,500	\$ 30,000	65	7	0.0833	2.0833	2.7544
MBUDD792451	1	7/18/2025	\$ 16,800	\$ 180,900	65	7	0.0929	1.9742	2.7231
MFLEE651007	1	1/24/2025	\$ 5,200	\$ 44,000	65	7	0.1182	2.0627	2.6401
MKITF791405	1	6/23/2025	\$ 35,800	\$ 125,000	65	7	0.2864	1.8293	2.0880
R7406001046	1	10/16/2024	\$ 41,400	\$ 141,900	20	7	0.2918	1.7865	2.0704
MHILL811402	1	4/21/2025	\$ 31,300	\$ 95,000	65	7	0.3295	1.8636	1.9466
MFUQU831401	1	7/18/2025	\$ 49,400	\$ 145,000	65	7	0.3407	1.7255	1.9098
MAMER641002	1	10/16/2024	\$ 13,200	\$ 38,000	65	7	0.3474	2.0017	1.8879
MBROD731450	1	10/18/2024	\$ 17,400	\$ 50,000	65	7	0.3480	1.9696	1.8858
MKITH831450	1	2/3/2025	\$ 23,300	\$ 66,000	65	7	0.3530	1.9246	1.8693
MBROA661201	1	8/22/2025	\$ 18,300	\$ 49,000	65	7	0.3735	1.9628	1.8023
MKITX702402	1	5/2/2025	\$ 43,800	\$ 115,000	65	7	0.3809	1.7682	1.7780
MWING821450	1	10/2/2024	\$ 26,000	\$ 65,000	65	7	0.4000	1.9040	1.7152
MFLEE691220	1	7/11/2025	\$ 12,100	\$ 30,001	65	7	0.4033	2.0101	1.7043
MCOLU701203	1	3/19/2025	\$ 8,100	\$ 20,000	65	7	0.4050	2.0406	1.6988
MGREA771402	1	2/13/2025	\$ 43,100	\$ 97,500	65	7	0.4421	1.7736	1.5772
MBROA681214	1	12/30/2024	\$ 22,100	\$ 49,950	65	7	0.4424	1.9338	1.5759
MROYL831401	1	11/27/2024	\$ 15,200	\$ 33,500	65	7	0.4537	1.9864	1.5389
MGOVE771415	1	6/20/2025	\$ 17,800	\$ 39,000	65	7	0.4564	1.9666	1.5301
MTITA791450	1	2/25/2025	\$ 22,500	\$ 49,000	65	7	0.4592	1.9307	1.5210
MNASH831414	1	7/15/2025	\$ 32,300	\$ 70,000	65	7	0.4614	1.8560	1.5136
MVAND782418	1	7/31/2025	\$ 58,800	\$ 127,000	65	7	0.4630	1.6538	1.5085
MPACI701201	1	3/20/2025	\$ 15,700	\$ 33,500	65	7	0.4687	1.9826	1.4899
R2039251055	1	11/18/2024	\$ 217,100	\$ 455,000	20	7	0.4771	0.4461	1.4620
MPEER771401	1	12/23/2024	\$ 25,800	\$ 53,000	65	7	0.4868	1.9055	1.4304
MMARL722402	1	4/15/2025	\$ 42,000	\$ 86,000	65	7	0.4884	1.7820	1.4252
MNASH791406	1	5/28/2025	\$ 45,200	\$ 92,500	65	7	0.4886	1.7575	1.4243
MFLEE721450	1	1/10/2025	\$ 22,200	\$ 45,000	65	7	0.4933	1.9330	1.4089
MBAIN781416	1	11/1/2024	\$ 66,500	\$ 129,999	65	7	0.5115	1.5950	1.3491
MBARR741405	1	5/16/2025	\$ 24,900	\$ 48,000	65	7	0.5188	1.9124	1.3255
R2734541400	1	2/6/2025	\$ 244,300	\$ 470,000	2046	7	0.5198	0.2386	1.3221
MGREA732418	1	8/22/2025	\$ 73,900	\$ 140,000	65	7	0.5279	1.5386	1.2956
MSKYL812403	1	2/1/2025	\$ 65,800	\$ 124,000	65	7	0.5306	1.6004	1.2865
MVAND722402	1	2/4/2025	\$ 115,500	\$ 214,000	65	7	0.5397	1.2212	1.2567
MNASH841407	1	7/15/2025	\$ 51,400	\$ 95,000	65	7	0.5411	1.7102	1.2523
R1625500899	1	2/26/2025	\$ 329,600	\$ 600,000	2041	7	0.5493	0.4122	1.2251
R0363710100	1	11/1/2024	\$ 362,300	\$ 634,000	26	7	0.5715	0.6616	1.1525

R2039250196	1	10/1/2024	\$ 317,400	\$ 555,000	20	7	0.5719	0.3191	1.1511
MBROF942617	1	7/23/2025	\$ 68,700	\$ 117,500	65	7	0.5847	1.5783	1.1091
MSTAR712401	1	3/31/2025	\$ 38,800	\$ 66,000	65	7	0.5879	1.8064	1.0986
MIMPW772403	1	8/19/2025	\$ 89,900	\$ 150,000	65	7	0.5993	1.4165	1.0610
R1624004435	1	3/12/2025	\$ 238,100	\$ 390,000	2041	7	0.6105	0.2859	1.0243
MSKYL802404	1	9/3/2025	\$ 75,100	\$ 122,000	65	7	0.6156	1.5294	1.0077
R7444650050	1	5/5/2025	\$ 393,300	\$ 630,000	2041	7	0.6243	0.8981	0.9791
MELCA691250	1	11/17/2024	\$ 13,300	\$ 21,295	65	7	0.6246	2.0009	0.9782
MSAHA791419	1	9/24/2025	\$ 42,600	\$ 67,500	65	7	0.6311	1.7774	0.9567
R3261590040	1	7/31/2025	\$ 180,000	\$ 285,000	20	7	0.6316	0.7291	0.9552
MVILW802401	1	9/22/2025	\$ 74,100	\$ 117,000	65	7	0.6333	1.5371	0.9495
MNASH862407	1	3/5/2025	\$ 72,900	\$ 115,000	65	7	0.6339	1.5462	0.9476
R7194140060	1	6/10/2025	\$ 288,000	\$ 450,000	20	7	0.6400	0.0948	0.9276
R7444650040	1	5/30/2025	\$ 397,400	\$ 615,000	2041	7	0.6462	0.9294	0.9073
R3543330020	1	7/16/2025	\$ 349,200	\$ 540,000	2041	7	0.6467	0.5617	0.9057
R1624000335	1	4/30/2025	\$ 324,500	\$ 500,000	2041	7	0.6490	0.3733	0.8980
MNASH882602	1	9/5/2025	\$ 80,000	\$ 121,725	46	7	0.6572	1.4921	0.8711
MSKYL811401	1	6/30/2025	\$ 65,200	\$ 98,000	65	7	0.6653	1.6050	0.8445
MSKYL751401	1	8/27/2025	\$ 56,700	\$ 85,000	65	7	0.6671	1.6698	0.8388
R3193010070	1	8/22/2025	\$ 202,800	\$ 300,000	2046	7	0.6760	0.5552	0.8094
MSAND791402	1	11/27/2024	\$ 92,100	\$ 136,000	65	7	0.6772	1.3997	0.8055
MBUDD711453	1	4/28/2025	\$ 10,200	\$ 15,000	65	7	0.6800	2.0246	0.7963
R4548500215	1	8/11/2025	\$ 347,300	\$ 510,000	2041	7	0.6810	0.5472	0.7931
R5538942580	1	2/18/2025	\$ 350,500	\$ 513,500	2041	7	0.6826	0.5716	0.7879
R1431000516	1	6/16/2025	\$ 294,600	\$ 428,000	2041	7	0.6883	0.1452	0.7690
R5459750100	1	7/23/2025	\$ 304,100	\$ 441,000	2041	7	0.6896	0.2176	0.7649
R8112007207	1	7/25/2025	\$ 319,400	\$ 461,000	2041	7	0.6928	0.3344	0.7542
R7444650070	1	4/10/2025	\$ 375,500	\$ 540,000	2041	7	0.6954	0.7623	0.7459
S1025120850	1	5/24/2025	\$ 327,300	\$ 469,000	2041	7	0.6979	0.3946	0.7377
R1943001090	1	4/28/2025	\$ 175,000	\$ 249,000	20	7	0.7028	0.7673	0.7214
R7334000205	1	7/11/2025	\$ 317,900	\$ 449,900	2041	7	0.7066	0.3229	0.7090
R3417270105	1	4/18/2025	\$ 332,400	\$ 469,995	2041	7	0.7072	0.4335	0.7069
R5130000535	1	6/26/2025	\$ 251,200	\$ 355,000	2041	7	0.7076	0.1859	0.7057
MGLEN842703	1	7/16/2025	\$ 119,100	\$ 168,000	65	7	0.7089	1.1938	0.7014
R7476760051	1	1/15/2025	\$ 271,200	\$ 382,300	2041	7	0.7094	0.0334	0.6999
MNASH911403	1	3/5/2025	\$ 56,400	\$ 79,000	65	7	0.7139	1.6721	0.6850
R9242371160	1	6/23/2025	\$ 492,000	\$ 687,500	2041	7	0.7156	1.6511	0.6794
R0432000210	1	7/11/2025	\$ 350,700	\$ 489,900	2041	7	0.7159	0.5731	0.6786
R6890010110	1	7/7/2025	\$ 332,900	\$ 465,000	2041	7	0.7159	0.4373	0.6784
MSKYL831402	1	9/17/2025	\$ 93,300	\$ 130,000	65	7	0.7177	1.3906	0.6726
R1431000956	1	3/6/2025	\$ 287,700	\$ 400,000	2041	7	0.7193	0.0925	0.6675
R2037150135	1	9/4/2025	\$ 381,300	\$ 530,000	2041	7	0.7194	0.8066	0.6669
R7580500030	1	5/16/2025	\$ 320,200	\$ 445,000	2041	7	0.7196	0.3405	0.6665
MTAMA701212	1	9/15/2025	\$ 18,000	\$ 25,000	65	7	0.7200	1.9651	0.6650

R3046505352	1	8/25/2025	\$ 242,500	\$ 335,000	2041	7	0.7239	0.2523	0.6523
MAMER982701	1	10/11/2024	\$ 111,500	\$ 154,000	65	7	0.7240	1.2517	0.6518
R3074790010	1	9/30/2025	\$ 376,800	\$ 520,000	2041	7	0.7246	0.7723	0.6499
R9539500125	1	2/18/2025	\$ 346,100	\$ 476,329	2041	7	0.7266	0.5381	0.6434
R1383256040	1	5/29/2025	\$ 201,200	\$ 274,900	26	7	0.7319	0.5674	0.6260
R1624003262	1	10/31/2024	\$ 373,800	\$ 510,000	2041	7	0.7329	0.7494	0.6226
R1624003850	1	10/24/2024	\$ 372,400	\$ 508,000	2041	7	0.7331	0.7387	0.6221
R2024320275	1	6/12/2025	\$ 315,600	\$ 430,000	2041	7	0.7340	0.3054	0.6192
R5125510085	1	5/23/2025	\$ 386,100	\$ 525,000	2041	7	0.7354	0.8432	0.6144
R7334180496	1	2/19/2025	\$ 150,900	\$ 205,000	20	7	0.7361	0.9511	0.6122
MSUND792402	1	1/3/2025	\$ 51,200	\$ 69,500	65	7	0.7367	1.7118	0.6103
R7335500290	1	7/15/2025	\$ 402,100	\$ 543,000	2041	7	0.7405	0.9653	0.5977
R3369410900	1	1/30/2025	\$ 340,000	\$ 459,000	20	7	0.7407	0.4915	0.5970
R7476750060	1	9/5/2025	\$ 371,000	\$ 500,000	2041	7	0.7420	0.7280	0.5928
R4997440330	1	4/2/2025	\$ 383,200	\$ 516,000	1537	7	0.7426	0.8211	0.5908
R5315002630	1	4/11/2025	\$ 360,700	\$ 485,000	2041	7	0.7437	0.6494	0.5872
R3239500860	1	7/10/2025	\$ 290,800	\$ 390,000	2041	7	0.7456	0.1162	0.5809
R9529660285	1	9/18/2025	\$ 384,500	\$ 515,000	2041	7	0.7466	0.8310	0.5777
R6115000130	1	11/8/2024	\$ 402,000	\$ 537,500	2041	7	0.7479	0.9645	0.5735
R3386000050	1	8/8/2025	\$ 306,800	\$ 410,000	2041	7	0.7483	0.2382	0.5722
MGOVE791410	1	4/9/2025	\$ 72,800	\$ 97,000	65	7	0.7505	1.5470	0.5649
R5731260180	1	6/16/2025	\$ 338,500	\$ 451,000	2041	7	0.7506	0.4801	0.5648
R2919000801	1	7/18/2025	\$ 381,000	\$ 506,306	2041	7	0.7525	0.8043	0.5583
R2830510080	1	2/18/2025	\$ 161,900	\$ 215,000	20	7	0.7530	0.8672	0.5567
R8039651280	1	4/11/2025	\$ 319,300	\$ 424,000	26	7	0.7531	0.3336	0.5565
R3261590240	1	7/31/2025	\$ 180,000	\$ 239,000	20	7	0.7531	0.7291	0.5563
R3261590260	1	5/23/2025	\$ 180,000	\$ 239,000	20	7	0.7531	0.7291	0.5563
R9437520300	1	5/30/2025	\$ 356,100	\$ 470,000	2041	7	0.7577	0.6143	0.5414
R7443900010	1	12/6/2024	\$ 343,800	\$ 453,500	2041	7	0.7581	0.5205	0.5400
R8528680200	1	9/19/2025	\$ 285,000	\$ 375,000	20	7	0.7600	0.0719	0.5338
R8048013150	1	7/16/2025	\$ 293,600	\$ 385,000	2041	7	0.7626	0.1375	0.5252
MCHAM241502	1	1/21/2025	\$ 112,900	\$ 148,044	65	7	0.7626	1.2411	0.5252
R0995010155	1	7/23/2025	\$ 343,400	\$ 450,000	2041	7	0.7631	0.5175	0.5236
R3193010300	1	8/8/2025	\$ 145,000	\$ 190,000	20	7	0.7632	0.9962	0.5234
MTAMA821403	1	10/29/2024	\$ 56,500	\$ 74,000	65	7	0.7635	1.6713	0.5222
R0027000030	1	6/27/2025	\$ 321,300	\$ 420,000	2041	7	0.7650	0.3489	0.5174
R1608250165	1	12/24/2024	\$ 394,000	\$ 515,000	2041	7	0.7650	0.9035	0.5172
R6055620040	1	3/21/2025	\$ 363,700	\$ 474,900	2041	7	0.7658	0.6723	0.5146
R9441000262	1	5/22/2025	\$ 312,800	\$ 408,000	2041	7	0.7667	0.2840	0.5119
R3638511400	1	5/13/2025	\$ 403,200	\$ 525,000	2041	7	0.7680	0.9737	0.5075
R9626000065	1	8/7/2025	\$ 280,400	\$ 365,000	2041	7	0.7682	0.0368	0.5068
R0525000190	1	9/12/2025	\$ 312,800	\$ 407,000	2041	7	0.7686	0.2840	0.5057
R3719183572	1	9/5/2025	\$ 196,100	\$ 254,500	2046	7	0.7705	0.6063	0.4992
MMARL802802	1	9/25/2025	\$ 84,800	\$ 110,000	65	7	0.7709	1.4554	0.4980

R7696810130	1	11/5/2024	\$ 332,300	\$ 430,000	26	7	0.7728	0.4328	0.4918
R8281570105	1	8/27/2025	\$ 198,900	\$ 257,000	2046	7	0.7739	0.5850	0.4880
R0027000130	1	7/9/2025	\$ 387,000	\$ 500,000	2041	7	0.7740	0.8501	0.4878
R7335550005	1	9/19/2025	\$ 405,800	\$ 524,000	2041	7	0.7744	0.9935	0.4864
R7923250100	1	8/15/2025	\$ 387,600	\$ 500,000	2041	7	0.7752	0.8547	0.4839
R2919020530	1	7/25/2025	\$ 407,400	\$ 524,900	2041	7	0.7761	1.0057	0.4808
R9441000100	1	7/18/2025	\$ 356,900	\$ 458,888	2041	7	0.7777	0.6204	0.4755
R5125580040	1	5/23/2025	\$ 374,900	\$ 482,000	2041	7	0.7778	0.7578	0.4753
R7858000135	1	3/6/2025	\$ 393,500	\$ 505,000	2041	7	0.7792	0.8997	0.4707
R3239500390	1	3/14/2025	\$ 274,700	\$ 352,500	2041	7	0.7793	0.0067	0.4705
R9539500004	1	7/3/2025	\$ 318,700	\$ 408,000	2041	7	0.7811	0.3290	0.4644
R2919000755	1	2/6/2025	\$ 327,700	\$ 419,500	2041	7	0.7812	0.3977	0.4643
R1277000330	1	7/30/2025	\$ 336,200	\$ 430,000	15	7	0.7819	0.4625	0.4620
R0356001875	1	7/7/2025	\$ 220,500	\$ 282,000	2041	7	0.7819	0.4202	0.4618
R8382000821	1	9/19/2025	\$ 399,300	\$ 510,000	2041	7	0.7829	0.9439	0.4585
R6045250045	1	4/11/2025	\$ 356,300	\$ 455,000	2041	7	0.7831	0.6159	0.4580
MSKYL841414	1	1/31/2025	\$ 56,400	\$ 72,000	65	7	0.7833	1.6721	0.4572
R3268500055	1	5/2/2025	\$ 286,400	\$ 365,000	2041	7	0.7847	0.0826	0.4528
R2024302237	1	5/5/2025	\$ 330,500	\$ 420,000	2041	7	0.7869	0.4190	0.4455
R6044180040	1	5/5/2025	\$ 256,500	\$ 325,000	26	7	0.7892	0.1455	0.4378
R1624002815	1	6/12/2025	\$ 298,800	\$ 377,500	2041	7	0.7915	0.1772	0.4303
R8039651330	1	11/18/2024	\$ 336,400	\$ 425,000	26	7	0.7915	0.4641	0.4303
R7335560310	1	7/22/2025	\$ 368,200	\$ 465,000	2041	7	0.7918	0.7067	0.4293
R3817020160	1	11/15/2024	\$ 316,800	\$ 399,900	2041	7	0.7922	0.3145	0.4281
R8307000225	1	9/30/2025	\$ 347,800	\$ 439,000	2041	7	0.7923	0.5510	0.4279
R2733020130	1	4/23/2025	\$ 378,100	\$ 476,900	2041	7	0.7928	0.7822	0.4260
R8220700070	1	10/4/2024	\$ 367,900	\$ 462,000	2041	7	0.7963	0.7044	0.4146
R3053020040	1	8/8/2025	\$ 330,500	\$ 415,000	2041	7	0.7964	0.4190	0.4144
R4221730110	1	7/15/2025	\$ 390,300	\$ 490,000	1537	7	0.7965	0.8753	0.4139
R1525000025	1	8/8/2025	\$ 384,100	\$ 479,900	2041	7	0.8004	0.8280	0.4013
R1754002420	1	6/4/2025	\$ 312,500	\$ 390,000	2041	7	0.8013	0.2817	0.3983
MVAND842807	1	9/25/2025	\$ 100,300	\$ 125,000	65	7	0.8024	1.3372	0.3946
R8048200060	1	3/14/2025	\$ 385,200	\$ 480,000	2041	7	0.8025	0.8364	0.3943
R9322400080	1	8/29/2025	\$ 309,100	\$ 385,000	2041	7	0.8029	0.2558	0.3931
R3046500420	1	10/7/2024	\$ 397,800	\$ 494,900	2041	7	0.8038	0.9325	0.3900
R7696810020	1	11/18/2024	\$ 319,300	\$ 397,000	26	7	0.8043	0.3336	0.3884
R1401520155	1	8/22/2025	\$ 337,900	\$ 420,000	2041	7	0.8045	0.4755	0.3876
R5456500276	1	8/4/2025	\$ 402,500	\$ 500,000	2041	7	0.8050	0.9683	0.3861
MNASH992609	1	10/25/2024	\$ 121,200	\$ 150,000	65	7	0.8080	1.1777	0.3762
R7777774800	1	6/26/2025	\$ 326,600	\$ 404,000	2041	7	0.8084	0.3893	0.3749
R5457980150	1	5/28/2025	\$ 395,600	\$ 489,000	2041	7	0.8090	0.9157	0.3730
R5130000968	1	5/9/2025	\$ 281,500	\$ 347,900	2041	7	0.8091	0.0452	0.3725
R3239000080	1	8/13/2025	\$ 335,900	\$ 415,000	2041	7	0.8094	0.4602	0.3717
R3193010120	1	12/6/2024	\$ 174,200	\$ 215,000	2046	7	0.8102	0.7734	0.3689

R9403240075	1	5/23/2025	\$ 287,800	\$ 355,000	2041	7	0.8107	0.0933	0.3674
R9539500260	1	8/8/2025	\$ 387,200	\$ 477,000	2041	7	0.8117	0.8516	0.3640
R5130000940	1	7/23/2025	\$ 292,300	\$ 360,000	2041	7	0.8119	0.1276	0.3633
R9242860090	1	7/11/2025	\$ 979,600	\$1,205,000	2041	7	0.8129	5.3711	0.3600
R8186700191	1	5/28/2025	\$ 387,300	\$ 475,000	2041	7	0.8154	0.8524	0.3521
R6044180160	1	7/17/2025	\$ 256,500	\$ 314,390	26	7	0.8159	0.1455	0.3504
R2024320395	1	3/19/2025	\$ 311,400	\$ 381,000	2041	7	0.8173	0.2733	0.3456
R6888680200	1	7/2/2025	\$ 285,900	\$ 349,000	2041	7	0.8192	0.0788	0.3395
R5516770020	1	5/28/2025	\$ 344,400	\$ 420,000	2041	7	0.8200	0.5251	0.3369
R3638300190	1	6/13/2025	\$ 246,200	\$ 300,000	2041	7	0.8207	0.2241	0.3347
R3078010080	1	6/20/2025	\$ 205,200	\$ 249,900	26	7	0.8211	0.5369	0.3332
R1525610190	1	5/27/2025	\$ 396,700	\$ 483,000	2041	7	0.8213	0.9241	0.3325
R7335580380	1	5/9/2025	\$ 389,500	\$ 474,000	2041	7	0.8217	0.8692	0.3312
R3053020110	1	7/27/2025	\$ 320,400	\$ 389,900	2041	7	0.8217	0.3420	0.3311
R1580730356	1	10/28/2024	\$ 365,800	\$ 444,900	2041	7	0.8222	0.6883	0.3296
R9465250310	1	8/28/2025	\$ 374,700	\$ 455,700	1537	7	0.8223	0.7562	0.3295
R5159000004	1	2/12/2025	\$ 327,700	\$ 398,500	2041	7	0.8223	0.3977	0.3292
R7686140330	1	5/1/2025	\$ 349,700	\$ 425,000	2041	7	0.8228	0.5655	0.3276
R3581650210	1	6/18/2025	\$ 378,600	\$ 460,000	26	7	0.8230	0.7860	0.3269
R1580730351	1	3/7/2025	\$ 366,500	\$ 445,000	2041	7	0.8236	0.6937	0.3251
R9412310210	1	5/15/2025	\$ 303,200	\$ 368,000	2041	7	0.8239	0.2108	0.3240
R3629000121	1	8/4/2025	\$ 354,400	\$ 429,900	2041	7	0.8244	0.6014	0.3225
R2120000225	1	2/18/2025	\$ 329,700	\$ 399,900	2041	7	0.8245	0.4129	0.3222
R3817020310	1	8/22/2025	\$ 316,600	\$ 384,000	2041	7	0.8245	0.3130	0.3222
MNASH062611	1	10/23/2024	\$ 173,200	\$ 210,000	65	7	0.8248	0.7810	0.3212
R7224730100	1	6/16/2025	\$ 185,700	\$ 225,000	20	7	0.8253	0.6857	0.3194
R2734501971	1	3/31/2025	\$ 480,400	\$ 582,000	2041	7	0.8254	1.5626	0.3190
R5861410080	1	4/1/2025	\$ 342,600	\$ 415,000	26	7	0.8255	0.5114	0.3187
R9322410210	1	8/15/2025	\$ 309,600	\$ 375,000	2041	7	0.8256	0.2596	0.3185
R9539500155	1	5/9/2025	\$ 359,200	\$ 435,000	2041	7	0.8257	0.6380	0.3180
R1508000015	1	5/2/2025	\$ 334,800	\$ 405,000	2041	7	0.8267	0.4518	0.3150
R7686140430	1	4/1/2025	\$ 351,500	\$ 425,000	2041	7	0.8271	0.5792	0.3137
R7334010027	1	11/22/2024	\$ 316,800	\$ 383,000	2041	7	0.8272	0.3145	0.3134
MBROA761423	1	12/30/2024	\$ 27,300	\$ 33,000	65	7	0.8273	1.8941	0.3130
R7334000365	1	2/10/2025	\$ 366,000	\$ 442,000	2041	7	0.8281	0.6899	0.3104
R5378670040	1	9/3/2025	\$ 342,600	\$ 413,500	2041	7	0.8285	0.5114	0.3088
R5456500274	1	6/9/2025	\$ 393,700	\$ 475,000	2041	7	0.8288	0.9012	0.3078
R2024302305	1	10/29/2024	\$ 321,600	\$ 388,000	2041	7	0.8289	0.3511	0.3078
MOAKW002715	1	7/8/2025	\$ 111,900	\$ 135,000	65	7	0.8289	1.2487	0.3077
R8207001516	1	4/25/2025	\$ 394,100	\$ 475,000	2041	7	0.8297	0.9042	0.3051
R6888370225	1	4/15/2025	\$ 332,100	\$ 399,900	2041	7	0.8305	0.4312	0.3025
R5488000050	1	11/8/2024	\$ 369,600	\$ 445,000	2041	7	0.8306	0.7173	0.3022
R8123010344	1	9/10/2025	\$ 266,000	\$ 320,000	20	7	0.8313	0.0730	0.2999
R2847500150	1	6/24/2025	\$ 353,300	\$ 425,000	2041	7	0.8313	0.5930	0.2998

R9464250065	1	4/11/2025	\$ 249,600	\$ 300,000	26	7	0.8320	0.1982	0.2975
R5456500400	1	11/22/2024	\$ 395,200	\$ 474,900	2041	7	0.8322	0.9126	0.2969
R7704520075	1	9/12/2025	\$ 366,400	\$ 440,000	2041	7	0.8327	0.6929	0.2951
R4221300540	1	8/13/2025	\$ 395,600	\$ 475,000	1537	7	0.8328	0.9157	0.2947
R3193010235	1	6/12/2025	\$ 166,600	\$ 200,000	2046	7	0.8330	0.8314	0.2942
R8222600020	1	4/15/2025	\$ 316,600	\$ 380,000	2041	7	0.8332	0.3130	0.2937
R7334200930	1	1/28/2025	\$ 225,200	\$ 270,000	20	7	0.8341	0.3843	0.2907
R7334180592	1	7/23/2025	\$ 331,400	\$ 396,900	2041	7	0.8350	0.4259	0.2877
R1383257090	1	5/12/2025	\$ 238,500	\$ 285,537	26	7	0.8353	0.2828	0.2868
R3386000045	1	6/13/2025	\$ 325,000	\$ 389,000	2041	7	0.8355	0.3771	0.2861
R7958770150	1	3/20/2025	\$ 401,100	\$ 479,900	26	7	0.8358	0.9577	0.2850
R1608250320	1	6/20/2025	\$ 380,100	\$ 454,000	2041	7	0.8372	0.7974	0.2803
R7777775040	1	4/21/2025	\$ 330,900	\$ 395,000	2041	7	0.8377	0.4221	0.2787
R7292510075	1	9/19/2025	\$ 326,700	\$ 389,900	2041	7	0.8379	0.3900	0.2781
R7132000255	1	3/28/2025	\$ 339,500	\$ 405,000	2041	7	0.8383	0.4877	0.2769
R9437530030	1	12/9/2024	\$ 331,700	\$ 395,000	2041	7	0.8397	0.4282	0.2721
R1001190020	1	9/23/2025	\$ 342,800	\$ 408,000	2041	7	0.8402	0.5129	0.2706
R4548530270	1	3/7/2025	\$ 407,200	\$ 484,600	2041	7	0.8403	1.0042	0.2703
R7100580080	1	7/30/2025	\$ 302,600	\$ 360,000	26	7	0.8406	0.2062	0.2694
R5130001125	1	7/10/2025	\$ 378,500	\$ 449,000	2041	7	0.8430	0.7852	0.2614
R5315010620	1	10/30/2024	\$ 306,100	\$ 363,000	2041	7	0.8433	0.2329	0.2606
R3606560260	1	4/25/2025	\$ 375,400	\$ 445,000	2041	7	0.8436	0.7616	0.2594
R1525721280	1	7/15/2025	\$ 388,900	\$ 461,000	2041	7	0.8436	0.8646	0.2594
R4997440120	1	5/16/2025	\$ 378,900	\$ 449,000	1537	7	0.8439	0.7883	0.2585
R4997440670	1	12/31/2024	\$ 405,100	\$ 480,000	1537	7	0.8440	0.9882	0.2582
R8813650090	1	10/18/2024	\$ 367,200	\$ 435,000	2041	7	0.8441	0.6990	0.2576
R3407770360	1	3/11/2025	\$ 370,600	\$ 439,000	2041	7	0.8442	0.7250	0.2575
R1383251040	1	5/15/2025	\$ 202,700	\$ 240,000	26	7	0.8446	0.5560	0.2562
R0363120040	1	4/2/2025	\$ 329,400	\$ 390,000	2041	7	0.8446	0.4106	0.2561
R0888140380	1	11/13/2024	\$ 230,600	\$ 273,000	26	7	0.8447	0.3431	0.2558
R7334020285	1	2/10/2025	\$ 330,600	\$ 391,000	2041	7	0.8455	0.4198	0.2531
R1525590170	1	7/29/2025	\$ 401,700	\$ 475,000	2041	7	0.8457	0.9622	0.2526
R2906000005	1	7/18/2025	\$ 383,800	\$ 453,500	2041	7	0.8463	0.8257	0.2505
R2917010030	1	3/31/2025	\$ 328,400	\$ 388,000	2041	7	0.8464	0.4030	0.2502
R3046640340	1	11/15/2024	\$ 368,800	\$ 435,000	2041	7	0.8478	0.7112	0.2456
R7334180160	1	4/2/2025	\$ 288,400	\$ 340,000	2041	7	0.8482	0.0979	0.2442
MNASH073201	1	2/6/2025	\$ 258,400	\$ 304,500	65	7	0.8486	0.1310	0.2430
R1280500170	1	1/29/2025	\$ 356,500	\$ 420,000	2041	7	0.8488	0.6174	0.2423
MBUDD751450	1	2/21/2025	\$ 13,600	\$ 16,000	65	7	0.8500	1.9986	0.2384
R9529660605	1	4/15/2025	\$ 340,000	\$ 399,900	2041	7	0.8502	0.4915	0.2377
R1387010020	1	6/30/2025	\$ 340,200	\$ 400,000	2041	7	0.8505	0.4930	0.2368
R4548500130	1	5/16/2025	\$ 382,800	\$ 450,000	2041	7	0.8507	0.8180	0.2362
S1023223280	1	6/20/2025	\$ 361,700	\$ 425,000	2041	7	0.8511	0.6571	0.2349
R3193010050	1	7/14/2025	\$ 183,000	\$ 215,000	2046	7	0.8512	0.7063	0.2346

R1505140340	1	11/20/2024	\$ 283,300	\$ 332,800	2041	7	0.8513	0.0589	0.2343
R7463160220	1	3/28/2025	\$ 272,500	\$ 320,000	26	7	0.8516	0.0234	0.2333
MSKYL072701	1	11/11/2024	\$ 127,700	\$ 149,900	65	7	0.8519	1.1281	0.2322
R2024301480	1	1/31/2025	\$ 341,200	\$ 399,900	2041	7	0.8532	0.5007	0.2279
R1425510040	1	8/1/2025	\$ 371,400	\$ 435,000	2041	7	0.8538	0.7311	0.2260
R9441000080	1	11/12/2024	\$ 320,300	\$ 375,000	2041	7	0.8541	0.3412	0.2248
R4930150120	1	5/9/2025	\$ 363,200	\$ 425,000	2041	7	0.8546	0.6685	0.2233
R7051430040	1	5/9/2025	\$ 332,900	\$ 389,500	26	7	0.8547	0.4373	0.2230
R1610000020	1	10/11/2024	\$ 360,400	\$ 421,600	2041	7	0.8548	0.6471	0.2225
R1754001255	1	7/11/2025	\$ 393,500	\$ 460,000	2041	7	0.8554	0.8997	0.2206
R1525670450	1	8/4/2025	\$ 389,500	\$ 455,000	2041	7	0.8560	0.8692	0.2186
R1580710185	1	7/25/2025	\$ 406,900	\$ 475,000	2041	7	0.8566	1.0019	0.2166
R1508010085	1	5/9/2025	\$ 342,600	\$ 399,900	2041	7	0.8567	0.5114	0.2164
R8074420450	1	5/21/2025	\$ 312,300	\$ 364,500	2041	7	0.8568	0.2802	0.2161
R2847500221	1	6/2/2025	\$ 368,500	\$ 430,000	2041	7	0.8570	0.7089	0.2155
MFLEE231401	1	3/14/2025	\$ 83,400	\$ 97,300	65	7	0.8571	1.4661	0.2150
R9403240210	1	10/4/2024	\$ 300,100	\$ 350,000	2041	7	0.8574	0.1871	0.2140
R3674150160	1	9/9/2025	\$ 377,400	\$ 440,000	2041	7	0.8577	0.7768	0.2130
R3719170500	1	9/8/2025	\$ 347,500	\$ 404,900	2041	7	0.8582	0.5487	0.2114
MLIBE821404	1	12/26/2024	\$ 60,100	\$ 69,900	65	7	0.8598	1.6439	0.2062
R1407440040	1	9/12/2025	\$ 288,100	\$ 334,900	2041	7	0.8603	0.0956	0.2047
R6284140240	1	9/24/2025	\$ 365,700	\$ 425,000	2041	7	0.8605	0.6876	0.2040
R3638300280	1	7/7/2025	\$ 240,900	\$ 279,900	2041	7	0.8607	0.2645	0.2034
R3429000055	1	3/13/2025	\$ 305,800	\$ 355,000	2041	7	0.8614	0.2306	0.2010
R6960130460	1	8/12/2025	\$ 297,200	\$ 344,900	2041	7	0.8617	0.1650	0.2000
R7100700280	1	5/23/2025	\$ 363,100	\$ 421,000	2041	7	0.8625	0.6677	0.1975
MGLEN852703	1	10/1/2024	\$ 69,000	\$ 80,000	65	7	0.8625	1.5760	0.1974
R1580710045	1	7/10/2025	\$ 362,300	\$ 420,000	2041	7	0.8626	0.6616	0.1970
R6960150080	1	6/5/2025	\$ 345,100	\$ 400,000	2041	7	0.8628	0.5304	0.1966
MBARR721421	1	10/7/2024	\$ 35,400	\$ 41,000	65	7	0.8634	1.8323	0.1944
R7224730140	1	7/21/2025	\$ 185,700	\$ 215,000	20	7	0.8637	0.6857	0.1934
R7406310030	1	10/31/2024	\$ 626,200	\$ 725,000	26	7	0.8637	2.6750	0.1934
R1383255120	1	11/15/2024	\$ 259,600	\$ 300,000	26	7	0.8653	0.1219	0.1881
R4548530210	1	5/12/2025	\$ 329,200	\$ 380,000	2041	7	0.8663	0.4091	0.1849
R7570660080	1	7/3/2025	\$ 390,000	\$ 450,000	2041	7	0.8667	0.8730	0.1837
R3239170030	1	3/27/2025	\$ 264,800	\$ 305,500	26	7	0.8668	0.0822	0.1834
R2734502287	1	2/14/2025	\$ 316,400	\$ 365,000	2041	7	0.8668	0.3115	0.1831
R5953730360	1	3/25/2025	\$ 364,300	\$ 420,000	2041	7	0.8674	0.6769	0.1814
R7569500605	1	8/29/2025	\$ 355,800	\$ 410,000	2041	7	0.8678	0.6121	0.1800
R7335550640	1	6/30/2025	\$ 377,500	\$ 435,000	2041	7	0.8678	0.7776	0.1799
R4690000007	1	6/4/2025	\$ 386,200	\$ 445,000	2041	7	0.8679	0.8440	0.1798
R7854500012	1	6/27/2025	\$ 389,700	\$ 449,000	2041	7	0.8679	0.8707	0.1796
R7320310020	1	8/29/2025	\$ 361,600	\$ 416,500	2041	7	0.8682	0.6563	0.1787
R6635500330	1	7/1/2025	\$ 399,800	\$ 459,900	2041	7	0.8693	0.9477	0.1750

R3219270005	1	7/21/2025	\$ 326,900	\$ 376,000	2041	7	0.8694	0.3916	0.1747
R8039651060	1	4/18/2025	\$ 234,000	\$ 269,000	26	7	0.8699	0.3172	0.1731
R1440710072	1	9/3/2025	\$ 391,400	\$ 449,900	2041	7	0.8700	0.8837	0.1729
R1892000040	1	11/18/2024	\$ 365,500	\$ 420,000	2041	7	0.8702	0.6861	0.1720
R3239170090	1	7/2/2025	\$ 258,500	\$ 297,000	26	7	0.8704	0.1303	0.1716
R1077500180	1	4/11/2025	\$ 393,000	\$ 451,500	2041	7	0.8704	0.8959	0.1714
R5130000601	1	5/28/2025	\$ 139,300	\$ 160,000	20	7	0.8706	1.0396	0.1707
R9465800280	1	6/13/2025	\$ 321,300	\$ 368,900	2041	7	0.8710	0.3489	0.1696
R8222720020	1	1/31/2025	\$ 353,000	\$ 405,000	1537	7	0.8716	0.5907	0.1675
R1580340500	1	5/9/2025	\$ 329,100	\$ 377,500	2041	7	0.8718	0.4084	0.1669
S1011131600	1	7/24/2025	\$ 344,400	\$ 395,000	2041	7	0.8719	0.5251	0.1665
R5333720010	1	10/18/2024	\$ 353,300	\$ 405,000	2041	7	0.8723	0.5930	0.1651
R2365490230	1	9/30/2025	\$ 366,400	\$ 420,000	2041	7	0.8724	0.6929	0.1650
R5646010220	1	8/15/2025	\$ 322,200	\$ 369,000	2041	7	0.8732	0.3557	0.1624
R6284130040	1	6/20/2025	\$ 398,200	\$ 456,000	2041	7	0.8732	0.9355	0.1621
R7923260040	1	8/25/2025	\$ 324,000	\$ 371,000	2041	7	0.8733	0.3694	0.1619
R1013008750	1	7/7/2025	\$ 275,200	\$ 315,000	2041	7	0.8737	0.0029	0.1608
R1525710360	1	6/20/2025	\$ 396,000	\$ 453,000	2041	7	0.8742	0.9187	0.1591
R4548520073	1	7/31/2025	\$ 401,300	\$ 459,000	2041	7	0.8743	0.9592	0.1587
R9242860050	1	3/14/2025	\$1,067,100	\$1,220,000	2041	7	0.8747	6.0386	0.1574
R6793270010	1	6/4/2025	\$ 393,700	\$ 450,000	2041	7	0.8749	0.9012	0.1567
R1625502380	1	3/13/2025	\$ 345,600	\$ 395,000	2041	7	0.8749	0.5342	0.1566
R8048190450	1	3/17/2025	\$ 349,500	\$ 398,900	1537	7	0.8762	0.5640	0.1526
R4548510010	1	12/6/2024	\$ 372,600	\$ 425,000	2041	7	0.8767	0.7402	0.1508
R7367100100	1	7/9/2025	\$ 356,300	\$ 406,354	2041	7	0.8768	0.6159	0.1504
R8186700270	1	8/29/2025	\$ 350,900	\$ 400,000	2041	7	0.8773	0.5747	0.1490
R3193010155	1	3/21/2025	\$ 350,200	\$ 399,000	2041	7	0.8777	0.5693	0.1475
R5520000130	1	10/15/2024	\$ 359,200	\$ 409,000	2041	7	0.8782	0.6380	0.1457
R8509110080	1	6/3/2025	\$ 303,000	\$ 345,000	2041	7	0.8783	0.2092	0.1457
R7686140170	1	9/12/2025	\$ 341,700	\$ 389,000	2041	7	0.8784	0.5045	0.1452
R5459750200	1	9/10/2025	\$ 322,500	\$ 367,000	2041	7	0.8787	0.3580	0.1441
R0805760155	1	3/21/2025	\$ 145,000	\$ 165,000	20	7	0.8788	0.9962	0.1439
R7335540150	1	8/1/2025	\$ 343,000	\$ 390,000	2041	7	0.8795	0.5144	0.1416
R2024320240	1	12/12/2024	\$ 347,600	\$ 395,000	2041	7	0.8800	0.5495	0.1400
R8222850040	1	3/17/2025	\$ 356,600	\$ 405,000	1537	7	0.8805	0.6182	0.1383
R1280530570	1	7/3/2025	\$ 396,300	\$ 449,900	2041	7	0.8809	0.9210	0.1371
R1525710060	1	4/10/2025	\$ 377,200	\$ 428,000	2041	7	0.8813	0.7753	0.1357
R1954700610	1	6/13/2025	\$ 374,900	\$ 425,000	2041	7	0.8821	0.7578	0.1330
R7334201420	1	5/15/2025	\$ 211,700	\$ 239,988	2046	7	0.8821	0.4873	0.1330
R9539500145	1	2/7/2025	\$ 396,200	\$ 448,900	2041	7	0.8826	0.9203	0.1314
R0349550290	1	4/10/2025	\$ 242,900	\$ 275,000	2041	7	0.8833	0.2493	0.1292
R8074420300	1	9/2/2025	\$ 321,700	\$ 364,000	2041	7	0.8838	0.3519	0.1275
R8222700145	1	4/11/2025	\$ 362,600	\$ 410,000	1537	7	0.8844	0.6639	0.1255
R1955010555	1	9/12/2025	\$ 371,600	\$ 420,000	2041	7	0.8848	0.7326	0.1243

R3161000050	1	7/21/2025	\$ 349,500	\$ 395,000	2041	7	0.8848	0.5640	0.1242
R7051430090	1	1/9/2025	\$ 318,700	\$ 360,000	26	7	0.8853	0.3290	0.1226
R5136830040	1	9/16/2025	\$ 396,900	\$ 448,000	2041	7	0.8859	0.9256	0.1205
MMARL932711	1	10/24/2024	\$ 211,900	\$ 239,000	2065	7	0.8866	0.4858	0.1183
R1525721960	1	11/15/2024	\$ 399,000	\$ 450,000	2041	7	0.8867	0.9416	0.1181
R8222910260	1	2/11/2025	\$ 363,700	\$ 410,000	1537	7	0.8871	0.6723	0.1167
R4726000097	1	1/31/2025	\$ 288,300	\$ 325,000	2041	7	0.8871	0.0971	0.1167
R3638300340	1	6/23/2025	\$ 248,400	\$ 279,999	2041	7	0.8871	0.2073	0.1165
R9529660305	1	6/20/2025	\$ 328,300	\$ 370,000	2041	7	0.8873	0.4023	0.1160
MFLEE212710	1	4/9/2025	\$ 204,200	\$ 230,000	65	7	0.8878	0.5445	0.1143
R7537440018	1	5/12/2025	\$ 346,300	\$ 390,000	2041	7	0.8879	0.5396	0.1139
R8048190470	1	4/7/2025	\$ 353,700	\$ 398,000	1537	7	0.8887	0.5960	0.1114
R8222850130	1	4/22/2025	\$ 355,700	\$ 400,000	1537	7	0.8893	0.6113	0.1096
R1077500175	1	9/23/2025	\$ 400,400	\$ 450,000	2041	7	0.8898	0.9523	0.1079
R6793290070	1	4/18/2025	\$ 396,100	\$ 445,000	2041	7	0.8901	0.9195	0.1068
R1892000160	1	7/8/2025	\$ 360,500	\$ 405,000	2041	7	0.8901	0.6479	0.1067
R1029250015	1	10/21/2024	\$ 371,300	\$ 417,000	2041	7	0.8904	0.7303	0.1058
R0805760090	1	12/31/2024	\$ 284,900	\$ 319,900	2048	7	0.8906	0.0712	0.1052
R5457990100	1	8/25/2025	\$ 378,900	\$ 425,000	2041	7	0.8915	0.7883	0.1021
R5461600610	1	9/17/2025	\$ 365,700	\$ 409,999	2041	7	0.8920	0.6876	0.1007
R2734500818	1	7/15/2025	\$ 177,500	\$ 199,000	20	7	0.8920	0.7482	0.1007
R0804110130	1	11/21/2024	\$ 379,100	\$ 425,000	2041	7	0.8920	0.7898	0.1006
R1525620160	1	2/14/2025	\$ 379,200	\$ 425,000	2041	7	0.8922	0.7906	0.0998
R0310260890	1	6/20/2025	\$ 401,100	\$ 449,500	2041	7	0.8923	0.9577	0.0995
S1017438740	1	6/10/2025	\$ 324,200	\$ 363,000	2041	7	0.8931	0.3710	0.0969
R1892010760	1	10/22/2024	\$ 384,100	\$ 430,000	2041	7	0.8933	0.8280	0.0965
R5199110070	1	12/6/2024	\$ 381,300	\$ 426,800	2041	7	0.8934	0.8066	0.0960
R3543340130	1	7/10/2025	\$ 317,200	\$ 355,000	2041	7	0.8935	0.3176	0.0956
R8112006160	1	9/25/2025	\$ 374,400	\$ 419,000	2041	7	0.8936	0.7540	0.0955
R3386000357	1	3/27/2025	\$ 339,700	\$ 379,900	2041	7	0.8942	0.4892	0.0934
R7703160040	1	5/1/2025	\$ 339,900	\$ 380,000	2041	7	0.8945	0.4908	0.0925
R1940520170	1	2/14/2025	\$ 339,100	\$ 379,000	2041	7	0.8947	0.4846	0.0916
R1954700510	1	8/26/2025	\$ 384,800	\$ 430,000	2041	7	0.8949	0.8333	0.0911
R5457970260	1	8/28/2025	\$ 389,300	\$ 435,000	2041	7	0.8949	0.8676	0.0909
MGREA781426	1	9/17/2025	\$ 9,400	\$ 10,500	65	7	0.8952	2.0307	0.0899
R4930150110	1	6/26/2025	\$ 367,300	\$ 410,000	2041	7	0.8959	0.6998	0.0879
R7334180460	1	12/13/2024	\$ 394,200	\$ 440,000	2041	7	0.8959	0.9050	0.0877
R7463160270	1	12/20/2024	\$ 246,500	\$ 275,000	26	7	0.8964	0.2218	0.0863
R8499200370	1	8/11/2025	\$ 376,500	\$ 420,000	26	7	0.8964	0.7700	0.0860
R4823370130	1	2/3/2025	\$ 327,200	\$ 365,000	2041	7	0.8964	0.3939	0.0860
R7569500810	1	9/13/2025	\$ 395,400	\$ 441,000	2041	7	0.8966	0.9142	0.0855
R7715160120	1	3/18/2025	\$ 380,500	\$ 424,000	2041	7	0.8974	0.8005	0.0828
R7703160030	1	1/14/2025	\$ 295,400	\$ 329,000	2041	7	0.8979	0.1513	0.0813
MWESF801410	1	9/25/2025	\$ 49,400	\$ 55,000	65	7	0.8982	1.7255	0.0803

R9437530100	1	11/15/2024	\$ 359,400	\$ 400,000	2041	7	0.8985	0.6395	0.0792
R5130000589	1	2/14/2025	\$ 139,300	\$ 155,000	20	7	0.8987	1.0396	0.0786
R3674180110	1	5/2/2025	\$ 368,600	\$ 410,000	2041	7	0.8990	0.7097	0.0775
R1376840170	1	11/14/2024	\$ 389,100	\$ 432,500	2041	7	0.8997	0.8661	0.0755
R6633020020	1	6/2/2025	\$ 394,800	\$ 438,800	2041	7	0.8997	0.9096	0.0752
R9437520230	1	10/11/2024	\$ 382,700	\$ 424,900	2041	7	0.9007	0.8173	0.0721
R2690420580	1	6/20/2025	\$ 382,900	\$ 425,000	20	7	0.9009	0.8188	0.0712
R3193020095	1	7/9/2025	\$ 180,200	\$ 200,000	2046	7	0.9010	0.7276	0.0710
R5130000460	1	8/14/2025	\$ 405,500	\$ 450,000	2041	7	0.9011	0.9912	0.0707
R4966790070	1	6/30/2025	\$ 392,200	\$ 435,000	2041	7	0.9016	0.8898	0.0690
R7698000065	1	5/16/2025	\$ 405,800	\$ 450,000	2041	7	0.9018	0.9935	0.0685
R1715790050	1	6/18/2025	\$ 383,700	\$ 425,000	2041	7	0.9028	0.8249	0.0651
R2919000230	1	3/18/2025	\$ 347,600	\$ 385,000	2041	7	0.9029	0.5495	0.0649
S0930314912	1	6/30/2025	\$ 316,000	\$ 350,000	2041	7	0.9029	0.3084	0.0649
R1277200115	1	8/28/2025	\$ 347,700	\$ 385,000	2041	7	0.9031	0.5503	0.0641
R1401520215	1	11/20/2024	\$ 351,400	\$ 389,000	2041	7	0.9033	0.5785	0.0634
R0310260340	1	6/10/2025	\$ 402,000	\$ 445,000	2041	7	0.9034	0.9645	0.0633
R1582220400	1	2/6/2025	\$ 374,900	\$ 415,000	2041	7	0.9034	0.7578	0.0632
R8048190420	1	12/10/2024	\$ 345,800	\$ 382,700	1537	7	0.9036	0.5358	0.0626
R9464250040	1	3/6/2025	\$ 248,600	\$ 275,000	26	7	0.9040	0.2058	0.0612
R3046640540	1	1/24/2025	\$ 397,700	\$ 439,900	2041	7	0.9041	0.9317	0.0610
R1095450050	1	2/7/2025	\$ 306,600	\$ 339,000	2041	7	0.9044	0.2367	0.0598
R9177220370	1	5/30/2025	\$ 379,500	\$ 419,500	2041	7	0.9046	0.7929	0.0591
R5130002675	1	4/9/2025	\$ 353,000	\$ 390,000	2041	7	0.9051	0.5907	0.0575
R0963530080	1	4/7/2025	\$ 390,300	\$ 430,900	2041	7	0.9058	0.8753	0.0554
R7835000380	1	9/5/2025	\$ 385,100	\$ 425,000	2041	7	0.9061	0.8356	0.0542
R4241300100	1	7/28/2025	\$ 392,000	\$ 432,500	2041	7	0.9064	0.8882	0.0535
R3581000090	1	9/30/2025	\$ 399,800	\$ 441,000	2041	7	0.9066	0.9477	0.0527
MMOFU851403	1	8/27/2025	\$ 40,800	\$ 45,000	65	7	0.9067	1.7911	0.0524
R9206500280	1	7/18/2025	\$ 380,800	\$ 420,000	2041	7	0.9067	0.8028	0.0524
R6650000030	1	3/12/2025	\$ 394,600	\$ 435,000	2041	7	0.9071	0.9081	0.0509
R7046380120	1	10/16/2024	\$ 394,700	\$ 435,000	2041	7	0.9074	0.9088	0.0502
R8378001680	1	8/13/2025	\$ 350,700	\$ 386,500	2041	7	0.9074	0.5731	0.0501
R1955020791	1	7/31/2025	\$ 349,400	\$ 385,000	2041	7	0.9075	0.5632	0.0496
R5336000250	1	10/7/2024	\$ 390,400	\$ 430,000	2041	7	0.9079	0.8760	0.0484
R4709170100	1	7/30/2025	\$ 407,700	\$ 449,000	2041	7	0.9080	1.0080	0.0480
R1580760005	1	5/29/2025	\$ 354,300	\$ 389,900	2041	7	0.9087	0.6006	0.0458
R1624004036	1	12/20/2024	\$ 318,100	\$ 350,000	2041	7	0.9089	0.3244	0.0453
R8207250218	1	6/6/2025	\$ 398,000	\$ 437,900	2041	7	0.9089	0.9340	0.0452
R7108570115	1	8/12/2025	\$ 362,200	\$ 398,500	2041	7	0.9089	0.6609	0.0451
R1284170370	1	12/20/2024	\$ 362,700	\$ 399,000	2041	7	0.9090	0.6647	0.0447
R0363710080	1	11/1/2024	\$ 200,900	\$ 221,000	26	7	0.9090	0.5697	0.0446
R6284140150	1	5/20/2025	\$ 386,500	\$ 425,000	2041	7	0.9094	0.8463	0.0434
R5125580170	1	3/20/2025	\$ 345,600	\$ 380,000	2041	7	0.9095	0.5342	0.0432

R7967500410	1	10/11/2024	\$ 354,700	\$ 390,000	2041	7	0.9095	0.6037	0.0432
R1624001380	1	9/17/2025	\$ 402,800	\$ 442,850	2041	7	0.9096	0.9706	0.0429
R7716750040	1	8/7/2025	\$ 263,700	\$ 289,900	2041	7	0.9096	0.0906	0.0427
R1383257140	1	3/25/2025	\$ 262,900	\$ 289,000	26	7	0.9097	0.0967	0.0425
R3573240330	1	12/13/2024	\$ 373,000	\$ 410,000	2041	7	0.9098	0.7433	0.0423
R1525000050	1	7/17/2025	\$ 364,100	\$ 400,000	2041	7	0.9103	0.6754	0.0407
R1814130060	1	1/9/2025	\$ 361,800	\$ 397,000	2041	7	0.9113	0.6578	0.0371
R2690420560	1	4/14/2025	\$ 382,900	\$ 420,000	20	7	0.9117	0.8188	0.0360
R2024303717	1	4/30/2025	\$ 364,900	\$ 400,000	2041	7	0.9123	0.6815	0.0341
R2733020055	1	8/15/2025	\$ 372,200	\$ 408,000	2041	7	0.9123	0.7372	0.0341
S0524120800	1	8/27/2025	\$ 346,900	\$ 380,000	2041	7	0.9129	0.5442	0.0320
R1251250230	1	5/16/2025	\$ 340,100	\$ 372,500	2041	7	0.9130	0.4923	0.0316
R7463160120	1	10/22/2024	\$ 260,300	\$ 285,000	26	7	0.9133	0.1165	0.0306
R8315250010	1	6/17/2025	\$ 401,900	\$ 440,000	2041	7	0.9134	0.9638	0.0303
R7074520320	1	8/15/2025	\$ 397,400	\$ 435,000	2041	7	0.9136	0.9294	0.0298
R7780511275	1	12/30/2024	\$ 338,100	\$ 370,000	2041	7	0.9138	0.4770	0.0291
S1101325420	1	8/19/2025	\$ 310,700	\$ 340,000	2041	7	0.9138	0.2680	0.0290
R5315000872	1	5/15/2025	\$ 406,700	\$ 445,000	2041	7	0.9139	1.0004	0.0286
MHACI851401	1	11/19/2024	\$ 42,500	\$ 46,500	65	7	0.9140	1.7781	0.0284
R3473510050	1	4/25/2025	\$ 356,600	\$ 390,000	2041	7	0.9144	0.6182	0.0272
R3638300210	1	5/28/2025	\$ 259,800	\$ 284,000	2041	7	0.9148	0.1203	0.0258
R8499210260	1	4/29/2025	\$ 281,800	\$ 308,000	26	7	0.9149	0.0475	0.0253
R1607690750	1	11/14/2024	\$ 391,800	\$ 427,900	1537	7	0.9156	0.8867	0.0230
R3719250340	1	2/21/2025	\$ 361,600	\$ 394,900	2041	7	0.9157	0.6563	0.0229
R0348500220	1	4/18/2025	\$ 180,400	\$ 197,000	26	7	0.9157	0.7261	0.0227
R7569500573	1	9/30/2025	\$ 376,400	\$ 411,000	2041	7	0.9158	0.7692	0.0224
R5457430075	1	7/14/2025	\$ 395,700	\$ 432,000	2041	7	0.9160	0.9165	0.0219
R7824150160	1	5/2/2025	\$ 269,300	\$ 294,000	2041	7	0.9160	0.0479	0.0219
R0308000070	1	11/8/2024	\$ 348,600	\$ 380,500	2041	7	0.9162	0.5571	0.0213
R2734251265	1	5/9/2025	\$ 329,900	\$ 360,000	2041	7	0.9164	0.4145	0.0205
R7686140200	1	12/20/2024	\$ 366,500	\$ 399,900	2041	7	0.9165	0.6937	0.0202
R5457100245	1	4/3/2025	\$ 403,300	\$ 440,000	2041	7	0.9166	0.9744	0.0199
R7716750170	1	9/9/2025	\$ 275,000	\$ 299,990	2041	7	0.9167	0.0044	0.0195
R2733040230	1	5/1/2025	\$ 385,200	\$ 420,000	2041	7	0.9171	0.8364	0.0181
R9033460290	1	8/26/2025	\$ 518,200	\$ 565,000	2041	7	0.9172	1.8510	0.0180
R5861400040	1	6/27/2025	\$ 384,700	\$ 419,400	26	7	0.9173	0.8325	0.0177
R8499240230	1	6/26/2025	\$ 287,300	\$ 312,900	26	7	0.9182	0.0895	0.0146
R1542500050	1	2/25/2025	\$ 378,300	\$ 412,000	2041	7	0.9182	0.7837	0.0146
R3850200200	1	6/6/2025	\$ 404,100	\$ 440,000	2041	7	0.9184	0.9805	0.0139
R5130003790	1	12/11/2024	\$ 335,400	\$ 365,000	2041	7	0.9189	0.4564	0.0123
R3638511495	1	3/28/2025	\$ 372,200	\$ 405,000	2041	7	0.9190	0.7372	0.0119
R7899400050	1	1/31/2025	\$ 351,200	\$ 382,000	2041	7	0.9194	0.5770	0.0107
R2734010070	1	3/14/2025	\$ 321,700	\$ 349,900	2041	7	0.9194	0.3519	0.0106
R7085000065	1	11/15/2024	\$ 344,900	\$ 375,000	2041	7	0.9197	0.5289	0.0096

R1892010005	1	9/22/2025	\$ 400,200	\$ 435,000	2041	7	0.9200	0.9508	0.0087
R0364200060	1	3/26/2025	\$ 323,000	\$ 351,000	2041	7	0.9202	0.3618	0.0079
R9040230020	1	10/28/2024	\$ 363,500	\$ 395,000	2041	7	0.9203	0.6708	0.0079
R1075000025	1	12/2/2024	\$ 349,800	\$ 380,000	2041	7	0.9205	0.5663	0.0070
R9322420510	1	3/13/2025	\$ 326,900	\$ 355,000	2041	7	0.9208	0.3916	0.0059
R1362500070	1	1/31/2025	\$ 374,800	\$ 407,000	2041	7	0.9209	0.7570	0.0058
R3046610480	1	6/10/2025	\$ 317,800	\$ 345,000	2041	7	0.9212	0.3221	0.0049
R4619000140	1	5/30/2025	\$ 379,800	\$ 412,250	2041	7	0.9213	0.7952	0.0045
R1955010530	1	8/28/2025	\$ 373,200	\$ 405,000	2041	7	0.9215	0.7448	0.0038
R1342100250	1	4/29/2025	\$ 400,900	\$ 435,000	2041	7	0.9216	0.9561	0.0034
R3205720320	1	1/3/2025	\$ 207,500	\$ 225,000	26	7	0.9222	0.5193	0.0014
R7335580190	1	10/11/2024	\$ 356,900	\$ 387,000	2041	7	0.9222	0.6204	0.0014
R1317410370	1	6/17/2025	\$ 387,400	\$ 420,000	2041	7	0.9224	0.8531	0.0009
R5542000060	1	12/5/2024	\$ 347,300	\$ 376,500	2041	7	0.9224	0.5472	0.0007
R1525670060	1	7/24/2025	\$ 401,400	\$ 435,000	2041	7	0.9228	0.9599	0.0004
R7835001172	1	4/1/2025	\$ 401,400	\$ 435,000	2041	7	0.9228	0.9599	0.0004
R1280500010	1	1/10/2025	\$ 359,900	\$ 389,900	2041	7	0.9231	0.6433	0.0014
MVAND842806	1	5/28/2025	\$ 106,200	\$ 115,000	65	7	0.9235	1.2922	0.0027
R9412310270	1	2/7/2025	\$ 395,400	\$ 428,000	2041	7	0.9238	0.9142	0.0039
R5136820030	1	5/13/2025	\$ 397,300	\$ 429,900	2041	7	0.9242	0.9287	0.0050
R2024380280	1	12/23/2024	\$ 360,400	\$ 389,900	2041	7	0.9243	0.6471	0.0056
R4999000230	1	2/27/2025	\$ 365,300	\$ 395,000	2041	7	0.9248	0.6845	0.0071
R1383256010	1	12/12/2024	\$ 226,600	\$ 245,000	26	7	0.9249	0.3736	0.0074
R7777807115	1	1/17/2025	\$ 305,300	\$ 330,000	2041	7	0.9252	0.2268	0.0082
R1292650260	1	11/27/2024	\$ 356,100	\$ 384,900	2041	7	0.9252	0.6143	0.0083
R0349550430	1	8/4/2025	\$ 257,200	\$ 278,000	2041	7	0.9252	0.1402	0.0083
MOAKW002750	1	10/7/2024	\$ 159,200	\$ 172,000	65	7	0.9256	0.8878	0.0096
R5130002465	1	10/8/2024	\$ 333,300	\$ 360,000	2041	7	0.9258	0.4404	0.0105
R3205720100	1	4/14/2025	\$ 250,100	\$ 270,000	26	7	0.9263	0.1943	0.0120
R3205720250	1	5/23/2025	\$ 250,100	\$ 270,000	26	7	0.9263	0.1943	0.0120
R5520000145	1	12/16/2024	\$ 352,000	\$ 380,000	2041	7	0.9263	0.5831	0.0120
R1525710580	1	4/29/2025	\$ 396,500	\$ 428,000	2041	7	0.9264	0.9226	0.0123
R7294240020	1	10/11/2024	\$ 199,200	\$ 215,000	2041	7	0.9265	0.5827	0.0127
R7084320400	1	3/21/2025	\$ 352,100	\$ 379,999	2041	7	0.9266	0.5838	0.0129
R2889890140	1	8/8/2025	\$ 368,800	\$ 398,000	2041	7	0.9266	0.7112	0.0131
R7199720240	1	1/24/2025	\$ 323,400	\$ 349,000	2041	7	0.9266	0.3649	0.0131
R1277200100	1	10/18/2024	\$ 406,800	\$ 439,000	2041	7	0.9267	1.0011	0.0131
R2114530030	1	5/23/2025	\$ 407,700	\$ 439,900	2041	7	0.9268	1.0080	0.0136
R6877160280	1	12/12/2024	\$ 314,800	\$ 339,582	26	7	0.9270	0.2993	0.0144
R4221010010	1	1/16/2025	\$ 284,600	\$ 307,000	26	7	0.9270	0.0689	0.0144
R7717170160	1	7/15/2025	\$ 338,400	\$ 365,000	2041	7	0.9271	0.4793	0.0147
R1251170090	1	7/17/2025	\$ 282,900	\$ 305,000	2041	7	0.9275	0.0559	0.0161
R1029250155	1	7/29/2025	\$ 361,800	\$ 390,000	2041	7	0.9277	0.6578	0.0166
R8112001841	1	3/31/2025	\$ 336,900	\$ 363,000	2041	7	0.9281	0.4679	0.0179

R7224730200	1	5/30/2025	\$ 185,700	\$ 200,000	20	7	0.9285	0.6857	0.0192
R7337002020	1	10/11/2024	\$ 354,700	\$ 382,000	2041	7	0.9285	0.6037	0.0193
R6960130300	1	10/31/2024	\$ 297,200	\$ 319,995	2041	7	0.9288	0.1650	0.0201
R5464530010	1	1/21/2025	\$ 399,500	\$ 430,000	2041	7	0.9291	0.9454	0.0211
R1219650100	1	11/1/2024	\$ 273,700	\$ 294,595	2041	7	0.9291	0.0143	0.0211
R9465800550	1	1/9/2025	\$ 360,900	\$ 388,400	2041	7	0.9292	0.6510	0.0215
R1292650340	1	6/18/2025	\$ 353,100	\$ 380,000	2041	7	0.9292	0.5915	0.0215
MNASH002608	1	2/5/2025	\$ 153,400	\$ 165,000	65	7	0.9297	0.9321	0.0231
R7835000400	1	10/31/2024	\$ 380,300	\$ 409,000	2041	7	0.9298	0.7990	0.0236
R1625750130	1	11/21/2024	\$ 267,900	\$ 288,000	26	7	0.9302	0.0585	0.0248
R1725060140	1	8/14/2025	\$ 376,800	\$ 405,000	2041	7	0.9304	0.7723	0.0254
R7084350220	1	12/2/2024	\$ 370,300	\$ 398,000	2041	7	0.9304	0.7227	0.0255
R3638300115	1	10/22/2024	\$ 244,300	\$ 262,500	2041	7	0.9307	0.2386	0.0263
R8036150230	1	1/29/2025	\$ 343,900	\$ 369,500	2041	7	0.9307	0.5213	0.0265
R6055620080	1	11/20/2024	\$ 363,000	\$ 390,000	2041	7	0.9308	0.6670	0.0267
R1292650250	1	6/27/2025	\$ 356,100	\$ 382,500	2041	7	0.9310	0.6143	0.0274
R3958360060	1	11/12/2024	\$ 586,600	\$ 630,000	2041	7	0.9311	2.3729	0.0278
R5211710330	1	9/19/2025	\$ 385,500	\$ 414,000	2041	7	0.9312	0.8386	0.0279
R1941430250	1	11/8/2024	\$ 400,400	\$ 430,000	2041	7	0.9312	0.9523	0.0280
R7686140130	1	12/27/2024	\$ 368,100	\$ 395,000	2041	7	0.9319	0.7059	0.0304
R0356001775	1	12/17/2024	\$ 382,100	\$ 410,000	2041	7	0.9320	0.8127	0.0305
R5130003050	1	2/24/2025	\$ 371,000	\$ 398,000	2041	7	0.9322	0.7280	0.0312
R5766760030	1	5/15/2025	\$ 382,200	\$ 410,000	2041	7	0.9322	0.8135	0.0313
MNASH072602	1	7/25/2025	\$ 191,100	\$ 204,948	65	7	0.9324	0.6445	0.0321
R9465800750	1	5/30/2025	\$ 334,700	\$ 358,900	2041	7	0.9326	0.4511	0.0326
R9033310070	1	10/23/2024	\$ 382,400	\$ 410,000	2041	7	0.9327	0.8150	0.0329
R4668770020	1	8/25/2025	\$ 348,400	\$ 373,500	2041	7	0.9328	0.5556	0.0333
R0998650030	1	12/6/2024	\$ 377,800	\$ 405,000	2041	7	0.9328	0.7799	0.0335
R4241300320	1	5/8/2025	\$ 392,000	\$ 420,000	2041	7	0.9333	0.8882	0.0351
R4241300080	1	6/4/2025	\$ 392,000	\$ 419,900	2041	7	0.9336	0.8882	0.0358
R7700730040	1	11/25/2024	\$ 340,800	\$ 365,000	2041	7	0.9337	0.4976	0.0363
R9206500285	1	11/20/2024	\$ 384,700	\$ 412,000	2041	7	0.9337	0.8325	0.0364
R8222700495	1	3/4/2025	\$ 392,200	\$ 420,000	1537	7	0.9338	0.8898	0.0366
R3161000190	1	3/12/2025	\$ 383,800	\$ 411,000	2041	7	0.9338	0.8257	0.0367
R8316930075	1	12/6/2024	\$ 364,200	\$ 390,000	2041	7	0.9338	0.6761	0.0368
R9322400150	1	8/11/2025	\$ 350,200	\$ 375,000	2041	7	0.9339	0.5693	0.0368
R1564620030	1	11/15/2024	\$ 406,200	\$ 434,900	2041	7	0.9340	0.9966	0.0373
R0995060016	1	12/12/2024	\$ 345,700	\$ 370,000	2041	7	0.9343	0.5350	0.0383
R4823370160	1	11/20/2024	\$ 355,100	\$ 379,990	2041	7	0.9345	0.6067	0.0389
R1601000080	1	7/16/2025	\$ 362,600	\$ 388,000	2041	7	0.9345	0.6639	0.0390
R7146000025	1	1/3/2025	\$ 345,700	\$ 369,900	2041	7	0.9346	0.5350	0.0392
R7716750075	1	6/28/2025	\$ 267,200	\$ 285,900	2041	7	0.9346	0.0639	0.0392
R8315260020	1	8/8/2025	\$ 383,200	\$ 410,000	2041	7	0.9346	0.8211	0.0393
R2733070190	1	8/1/2025	\$ 397,400	\$ 425,000	2041	7	0.9351	0.9294	0.0407

R3719250790	1	7/3/2025	\$ 383,400	\$ 410,000	2041	7	0.9351	0.8226	0.0409
R1954700350	1	2/7/2025	\$ 392,800	\$ 419,900	2041	7	0.9355	0.8943	0.0421
R1392660020	1	8/6/2025	\$ 241,400	\$ 258,000	26	7	0.9357	0.2607	0.0427
R3962140010	1	10/25/2024	\$ 392,900	\$ 419,900	2041	7	0.9357	0.8951	0.0428
R0823650010	1	12/4/2024	\$ 318,200	\$ 340,000	2041	7	0.9359	0.3252	0.0434
MMONT822404	1	5/9/2025	\$ 80,500	\$ 86,000	65	7	0.9360	1.4882	0.0440
R1625750060	1	2/3/2025	\$ 245,200	\$ 261,900	26	7	0.9362	0.2317	0.0446
R3046620140	1	1/31/2025	\$ 355,700	\$ 379,900	2041	7	0.9363	0.6113	0.0448
R1251250280	1	8/25/2025	\$ 365,200	\$ 390,000	2041	7	0.9364	0.6838	0.0452
R9529660595	1	2/20/2025	\$ 346,500	\$ 370,000	2041	7	0.9365	0.5411	0.0454
R2024304702	1	1/14/2025	\$ 376,400	\$ 401,900	2041	7	0.9366	0.7692	0.0456
R8222710080	1	8/29/2025	\$ 360,600	\$ 385,000	1537	7	0.9366	0.6487	0.0459
R7335460195	1	7/23/2025	\$ 350,400	\$ 374,000	2041	7	0.9369	0.5709	0.0468
MMARL882702	1	10/18/2024	\$ 98,400	\$ 105,000	65	7	0.9371	1.3517	0.0476
R3046620080	1	3/4/2025	\$ 396,200	\$ 422,500	2041	7	0.9378	0.9203	0.0496
R3638350010	1	7/23/2025	\$ 398,500	\$ 424,900	2041	7	0.9379	0.9378	0.0500
R4207260220	1	11/14/2024	\$ 365,800	\$ 390,000	26	7	0.9379	0.6883	0.0502
R8499200130	1	3/20/2025	\$ 281,400	\$ 300,000	26	7	0.9380	0.0444	0.0504
R5364100170	1	2/5/2025	\$ 304,900	\$ 324,900	2041	7	0.9384	0.2237	0.0518
R1392660030	1	10/16/2024	\$ 244,100	\$ 260,000	26	7	0.9388	0.2401	0.0532
R8320220040	1	8/19/2025	\$ 241,300	\$ 257,000	26	7	0.9389	0.2615	0.0534
R2858000690	1	10/18/2024	\$ 404,800	\$ 431,000	2041	7	0.9392	0.9859	0.0544
R3205720290	1	11/18/2024	\$ 248,900	\$ 265,000	26	7	0.9392	0.2035	0.0545
R1955000515	1	10/8/2024	\$ 324,200	\$ 345,000	2041	7	0.9397	0.3710	0.0560
R1580261376	1	10/10/2024	\$ 380,600	\$ 405,000	2041	7	0.9398	0.8013	0.0561
R6877160260	1	11/4/2024	\$ 357,100	\$ 379,900	2026	7	0.9400	0.6220	0.0569
R0432010040	1	10/3/2024	\$ 399,500	\$ 425,000	2041	7	0.9400	0.9454	0.0570
R7702800130	1	7/24/2025	\$ 385,400	\$ 410,000	26	7	0.9400	0.8379	0.0570
R8039651110	1	9/5/2025	\$ 300,800	\$ 320,000	26	7	0.9400	0.1925	0.0570
MFLEE172703	1	2/28/2025	\$ 133,500	\$ 142,000	65	7	0.9401	1.0839	0.0574
R9465800050	1	2/3/2025	\$ 329,300	\$ 349,990	2041	7	0.9409	0.4099	0.0599
R0027100010	1	4/25/2025	\$ 326,500	\$ 347,000	2041	7	0.9409	0.3885	0.0600
R8584700020	1	10/7/2024	\$ 374,600	\$ 398,000	2041	7	0.9412	0.7555	0.0609
R3719750080	1	12/2/2024	\$ 381,200	\$ 405,000	2041	7	0.9412	0.8058	0.0610
R6284140250	1	11/27/2024	\$ 390,700	\$ 415,000	2041	7	0.9414	0.8783	0.0617
R0348500180	1	12/26/2024	\$ 178,900	\$ 190,000	26	7	0.9416	0.7375	0.0621
R8048190430	1	2/27/2025	\$ 397,500	\$ 422,000	1537	7	0.9419	0.9302	0.0633
R1625750165	1	3/25/2025	\$ 240,200	\$ 255,000	26	7	0.9420	0.2699	0.0634
R1608740900	1	11/4/2024	\$ 385,100	\$ 408,783	2041	7	0.9421	0.8356	0.0637
R4707000100	1	4/11/2025	\$ 400,800	\$ 425,000	2041	7	0.9431	0.9554	0.0670
R0962140230	1	11/14/2024	\$ 376,300	\$ 399,000	2041	7	0.9431	0.7685	0.0672
R9322420260	1	1/10/2025	\$ 391,400	\$ 415,000	2041	7	0.9431	0.8837	0.0672
R0410000070	1	2/5/2025	\$ 357,600	\$ 379,000	2041	7	0.9435	0.6258	0.0686
R6045000080	1	12/30/2024	\$ 396,500	\$ 420,000	2041	7	0.9440	0.9226	0.0702

R0539420210	1	10/28/2024	\$ 361,700	\$ 383,000	2041	7	0.9444	0.6571	0.0713
R4241300340	1	3/3/2025	\$ 392,000	\$ 415,000	2041	7	0.9446	0.8882	0.0720
R8813680660	1	3/3/2025	\$ 387,300	\$ 410,000	2041	7	0.9446	0.8524	0.0722
R1317410600	1	11/7/2024	\$ 392,600	\$ 415,400	2041	7	0.9451	0.8928	0.0737
R3719181526	1	2/24/2025	\$ 278,000	\$ 294,000	2048	7	0.9456	0.0185	0.0753
R5646030155	1	4/8/2025	\$ 358,400	\$ 379,000	2041	7	0.9456	0.6319	0.0755
R6206380180	1	4/3/2025	\$ 364,100	\$ 385,000	2041	7	0.9457	0.6754	0.0757
R3724270060	1	1/17/2025	\$ 383,300	\$ 405,000	2041	7	0.9464	0.8219	0.0780
MNASH002651	1	10/21/2024	\$ 189,400	\$ 200,000	65	7	0.9470	0.6574	0.0799
R0995010095	1	12/4/2024	\$ 355,000	\$ 374,726	2041	7	0.9474	0.6060	0.0811
R1525590100	1	10/28/2024	\$ 383,800	\$ 405,000	2041	7	0.9477	0.8257	0.0821
R4997440540	1	10/18/2024	\$ 402,900	\$ 425,000	1537	7	0.9480	0.9714	0.0832
R0879010010	1	11/20/2024	\$ 378,400	\$ 399,000	2041	7	0.9484	0.7845	0.0844
R2024250175	1	12/2/2024	\$ 332,000	\$ 350,000	2041	7	0.9486	0.4305	0.0851
R7442510010	1	5/30/2025	\$ 387,100	\$ 408,000	2041	7	0.9488	0.8508	0.0857
R8583760470	1	5/16/2025	\$ 500,100	\$ 527,000	2041	7	0.9490	1.7129	0.0863
R3239000020	1	10/30/2024	\$ 365,300	\$ 384,900	2041	7	0.9491	0.6845	0.0867
R5457990300	1	11/27/2024	\$ 374,900	\$ 395,000	2041	7	0.9491	0.7578	0.0869
R3427360410	1	1/2/2025	\$ 270,500	\$ 285,000	2048	7	0.9491	0.0387	0.0869
R6650000060	1	11/1/2024	\$ 394,300	\$ 415,000	2041	7	0.9501	0.9058	0.0902
R3046620170	1	7/21/2025	\$ 365,800	\$ 385,000	2041	7	0.9501	0.6883	0.0902
R1525700190	1	1/31/2025	\$ 343,000	\$ 361,000	2041	7	0.9501	0.5144	0.0902
R1655000040	1	12/11/2024	\$ 380,300	\$ 400,000	2041	7	0.9508	0.7990	0.0922
R8378010200	1	11/15/2024	\$ 328,100	\$ 345,000	2041	7	0.9510	0.4007	0.0931
R2919010401	1	6/11/2025	\$ 380,500	\$ 400,000	2041	7	0.9513	0.8005	0.0939
R2400010180	1	12/3/2024	\$ 337,700	\$ 355,000	26	7	0.9513	0.4740	0.0939
R7686140410	1	5/2/2025	\$ 380,500	\$ 399,900	2041	7	0.9515	0.8005	0.0947
R8499240100	1	11/14/2024	\$ 294,500	\$ 309,500	26	7	0.9515	0.1444	0.0948
R7084320190	1	10/15/2024	\$ 352,200	\$ 370,000	2041	7	0.9519	0.5846	0.0960
R1071140240	1	12/12/2024	\$ 395,100	\$ 415,000	2041	7	0.9520	0.9119	0.0965
R5364100160	1	12/2/2024	\$ 303,600	\$ 318,888	2041	7	0.9521	0.2138	0.0965
R3046610170	1	6/5/2025	\$ 351,500	\$ 369,000	2041	7	0.9526	0.5792	0.0982
R7596250060	1	11/19/2024	\$ 459,400	\$ 482,000	2041	7	0.9531	1.4024	0.1000
R3268160010	1	10/15/2024	\$ 290,700	\$ 305,000	2041	7	0.9531	0.1154	0.1000
R7133460510	1	5/5/2025	\$ 361,300	\$ 379,000	26	7	0.9533	0.6540	0.1006
R9539500051	1	2/26/2025	\$ 343,200	\$ 360,000	2041	7	0.9533	0.5159	0.1007
R7335510295	1	6/26/2025	\$ 376,700	\$ 395,000	2041	7	0.9537	0.7715	0.1018
R5211710670	1	12/4/2024	\$ 391,300	\$ 410,000	2041	7	0.9544	0.8829	0.1042
R5710410950	1	1/3/2025	\$ 369,400	\$ 387,000	2041	7	0.9545	0.7158	0.1046
R8112001585	1	11/15/2024	\$ 377,200	\$ 395,000	2041	7	0.9549	0.7753	0.1060
R5455010240	1	10/24/2024	\$ 406,000	\$ 425,069	2041	7	0.9551	0.9950	0.1066
R5646000075	1	8/18/2025	\$ 363,100	\$ 380,000	2041	7	0.9555	0.6677	0.1079
R7648000020	1	10/25/2024	\$ 377,500	\$ 395,000	2041	7	0.9557	0.7776	0.1085
R7199720030	1	1/13/2025	\$ 325,000	\$ 340,000	2041	7	0.9559	0.3771	0.1091

R0027100090	1	4/10/2025	\$ 325,100	\$ 340,000	2041	7	0.9562	0.3778	0.1100
R1731190140	1	8/1/2025	\$ 208,000	\$ 217,500	26	7	0.9563	0.5155	0.1105
R3674160190	1	12/20/2024	\$ 377,900	\$ 395,000	2041	7	0.9567	0.7807	0.1118
R4548500175	1	1/7/2025	\$ 336,800	\$ 352,000	2041	7	0.9568	0.4671	0.1121
R8020820105	1	8/22/2025	\$ 315,900	\$ 330,000	2041	7	0.9573	0.3077	0.1136
R8222710210	1	5/15/2025	\$ 363,800	\$ 380,000	1537	7	0.9574	0.6731	0.1140
R0416210280	1	7/31/2025	\$ 952,900	\$ 995,000	26	7	0.9577	5.1674	0.1150
R1525670530	1	6/13/2025	\$ 383,100	\$ 400,000	2041	7	0.9578	0.8203	0.1152
R1614230060	1	11/22/2024	\$ 292,200	\$ 305,000	26	7	0.9580	0.1268	0.1161
R1184000090	1	10/25/2024	\$ 364,100	\$ 380,000	2041	7	0.9582	0.6754	0.1165
MFLEE232421	1	11/20/2024	\$ 158,100	\$ 165,000	65	7	0.9582	0.8962	0.1166
R2024250195	1	11/20/2024	\$ 402,500	\$ 420,000	2041	7	0.9583	0.9683	0.1171
R3268500180	1	10/29/2024	\$ 316,400	\$ 330,000	2041	7	0.9588	0.3115	0.1186
R7877740140	1	3/11/2025	\$ 258,900	\$ 270,000	2041	7	0.9589	0.1272	0.1189
R1805750350	1	7/23/2025	\$ 311,700	\$ 325,000	2041	7	0.9591	0.2756	0.1196
R3386000335	1	12/20/2024	\$ 316,600	\$ 330,000	2041	7	0.9594	0.3130	0.1206
R8813680800	1	9/23/2025	\$ 381,000	\$ 397,000	2041	7	0.9597	0.8043	0.1216
MALPI621050	1	7/13/2025	\$ 4,800	\$ 5,000	65	7	0.9600	2.0658	0.1226
R1383253110	1	9/10/2025	\$ 302,400	\$ 315,000	26	7	0.9600	0.2047	0.1226
R1525700750	1	3/13/2025	\$ 384,000	\$ 400,000	2041	7	0.9600	0.8272	0.1226
R8222130140	1	10/18/2024	\$ 369,900	\$ 385,000	2041	7	0.9608	0.7196	0.1251
R2024250018	1	8/22/2025	\$ 389,200	\$ 405,000	2041	7	0.9610	0.8669	0.1258
R1892010860	1	6/23/2025	\$ 355,800	\$ 370,000	2041	7	0.9616	0.6121	0.1279
R8316120080	1	11/13/2024	\$ 389,500	\$ 405,000	2041	7	0.9617	0.8692	0.1283
R7108570065	1	6/9/2025	\$ 360,800	\$ 375,000	2041	7	0.9621	0.6502	0.1296
R1508020270	1	11/13/2024	\$ 396,400	\$ 412,000	2041	7	0.9621	0.9218	0.1296
R8079230130	1	2/3/2025	\$ 336,800	\$ 350,000	2041	7	0.9623	0.4671	0.1301
R1954700670	1	5/5/2025	\$ 385,000	\$ 400,000	2041	7	0.9625	0.8348	0.1308
R1001190230	1	1/6/2025	\$ 394,900	\$ 410,000	2041	7	0.9632	0.9104	0.1330
R8103260020	1	2/27/2025	\$ 375,700	\$ 390,000	2041	7	0.9633	0.7639	0.1335
R2847500050	1	7/25/2025	\$ 360,200	\$ 373,900	2041	7	0.9634	0.6456	0.1336
R1277200065	1	4/7/2025	\$ 366,100	\$ 380,000	2041	7	0.9634	0.6906	0.1338
R1525700410	1	6/8/2025	\$ 332,400	\$ 345,000	2041	7	0.9635	0.4335	0.1340
R1805750410	1	2/4/2025	\$ 319,900	\$ 332,000	2041	7	0.9636	0.3382	0.1343
R3078010060	1	9/4/2025	\$ 216,900	\$ 225,000	26	7	0.9640	0.4476	0.1357
R9464250045	1	8/29/2025	\$ 254,500	\$ 264,000	26	7	0.9640	0.1608	0.1358
R7133460430	1	11/27/2024	\$ 356,600	\$ 369,900	26	7	0.9640	0.6182	0.1359
R6645650180	1	8/15/2025	\$ 345,600	\$ 358,000	2041	7	0.9654	0.5342	0.1402
R5611010150	1	5/23/2025	\$ 366,900	\$ 380,000	26	7	0.9655	0.6967	0.1407
R7133460140	1	8/29/2025	\$ 349,700	\$ 361,900	26	7	0.9663	0.5655	0.1432
R1316730130	1	6/30/2025	\$ 256,100	\$ 265,000	2041	7	0.9664	0.1486	0.1436
R8220700160	1	3/18/2025	\$ 336,400	\$ 348,000	2041	7	0.9667	0.4641	0.1445
R2889890270	1	12/20/2024	\$ 368,800	\$ 381,500	2041	7	0.9667	0.7112	0.1446
R7716750195	1	12/27/2024	\$ 265,800	\$ 274,900	2041	7	0.9669	0.0746	0.1452

R3719750100	1	6/18/2025	\$ 362,600	\$ 375,000	2041	7	0.9669	0.6639	0.1453
R5315000826	1	9/2/2025	\$ 406,100	\$ 419,900	2041	7	0.9671	0.9958	0.1460
MMEDF931403	1	8/8/2025	\$ 53,200	\$ 55,000	65	7	0.9673	1.6965	0.1465
R7334240120	1	2/7/2025	\$ 367,600	\$ 380,000	2041	7	0.9674	0.7021	0.1468
R2782310150	1	4/3/2025	\$ 404,400	\$ 418,000	2041	7	0.9675	0.9828	0.1471
R2928150200	1	7/8/2025	\$ 372,700	\$ 385,000	2041	7	0.9681	0.7410	0.1490
R0356001383	1	2/4/2025	\$ 376,700	\$ 389,000	2041	7	0.9684	0.7715	0.1501
R4622000040	1	3/21/2025	\$ 342,000	\$ 353,000	2041	7	0.9688	0.5068	0.1516
R8181900070	1	7/18/2025	\$ 357,600	\$ 369,000	2041	7	0.9691	0.6258	0.1525
R8499240040	1	3/26/2025	\$ 247,200	\$ 255,000	26	7	0.9694	0.2165	0.1535
R6637250980	1	5/29/2025	\$ 378,400	\$ 390,000	2041	7	0.9703	0.7845	0.1562
R4930150030	1	4/25/2025	\$ 402,700	\$ 415,000	2041	7	0.9704	0.9699	0.1566
R1955010215	1	11/5/2024	\$ 373,800	\$ 385,000	2041	7	0.9709	0.7494	0.1584
R5504620590	1	12/19/2024	\$ 388,400	\$ 400,000	2041	7	0.9710	0.8608	0.1587
R8583760430	1	12/31/2024	\$ 500,100	\$ 515,000	2041	7	0.9711	1.7129	0.1589
R3638350215	1	3/25/2025	\$ 339,900	\$ 350,000	2041	7	0.9711	0.4908	0.1592
R0326000040	1	12/23/2024	\$ 398,400	\$ 410,000	2041	7	0.9717	0.9371	0.1610
R3582500050	1	6/26/2025	\$ 354,700	\$ 364,900	2041	7	0.9720	0.6037	0.1621
R6206410210	1	5/30/2025	\$ 374,500	\$ 385,000	2041	7	0.9727	0.7547	0.1644
R8499230180	1	9/11/2025	\$ 243,200	\$ 250,000	26	7	0.9728	0.2470	0.1646
R2024303480	1	9/10/2025	\$ 297,700	\$ 306,000	2041	7	0.9729	0.1688	0.1648
R5610000010	1	11/29/2024	\$ 360,000	\$ 369,999	2041	7	0.9730	0.6441	0.1652
R1580260060	1	12/18/2024	\$ 364,900	\$ 375,000	2041	7	0.9731	0.6815	0.1655
MMARL722405	1	3/10/2025	\$ 92,500	\$ 95,000	65	7	0.9737	1.3967	0.1675
R7133460620	1	4/10/2025	\$ 388,500	\$ 399,000	26	7	0.9737	0.8615	0.1675
R1542500150	1	2/7/2025	\$ 340,900	\$ 350,000	2041	7	0.9740	0.4984	0.1685
R7335540580	1	4/15/2025	\$ 360,600	\$ 370,000	2041	7	0.9746	0.6487	0.1705
R3719170045	1	1/29/2025	\$ 380,000	\$ 389,900	2041	7	0.9746	0.7967	0.1705
R1882080050	1	6/12/2025	\$ 361,600	\$ 371,000	2041	7	0.9747	0.6563	0.1707
R1525700400	1	8/4/2025	\$ 351,400	\$ 360,000	2041	7	0.9761	0.5785	0.1755
R9517350110	1	4/7/2025	\$ 331,900	\$ 340,000	2041	7	0.9762	0.4297	0.1757
R3543340060	1	2/28/2025	\$ 305,100	\$ 312,500	2041	7	0.9763	0.2253	0.1761
R5646010110	1	9/30/2025	\$ 356,400	\$ 365,000	2041	7	0.9764	0.6166	0.1765
R2361000101	1	7/10/2025	\$ 394,600	\$ 404,000	2041	7	0.9767	0.9081	0.1775
R0962130230	1	9/2/2025	\$ 352,000	\$ 359,900	2041	7	0.9780	0.5831	0.1818
R0963530140	1	3/20/2025	\$ 384,000	\$ 392,500	2041	7	0.9783	0.8272	0.1828
R5130002053	1	8/18/2025	\$ 313,100	\$ 320,000	2041	7	0.9784	0.2863	0.1831
R7463160360	1	10/10/2024	\$ 257,500	\$ 263,000	26	7	0.9791	0.1379	0.1852
S1024141851	1	2/25/2025	\$ 293,900	\$ 300,000	20	7	0.9797	0.1398	0.1871
R2919000040	1	6/5/2025	\$ 377,300	\$ 385,000	2041	7	0.9800	0.7761	0.1882
R7570660090	1	9/12/2025	\$ 332,400	\$ 339,000	2041	7	0.9805	0.4335	0.1900
R8813650140	1	2/5/2025	\$ 367,800	\$ 375,000	2041	7	0.9808	0.7036	0.1908
R6901160060	1	10/21/2024	\$ 274,700	\$ 280,000	2041	7	0.9811	0.0067	0.1917
R7923290040	1	9/10/2025	\$ 392,600	\$ 400,000	2041	7	0.9815	0.8928	0.1931

R0027100035	1	10/25/2024	\$ 358,400	\$ 365,000	2041	7	0.9819	0.6319	0.1945
R4221320080	1	10/9/2024	\$ 388,100	\$ 395,000	1537	7	0.9825	0.8585	0.1965
R0364170095	1	10/1/2024	\$ 388,200	\$ 395,000	2041	7	0.9828	0.8592	0.1974
R5504620050	1	7/31/2025	\$ 363,700	\$ 370,000	2041	7	0.9830	0.6723	0.1980
MLAKE781801	1	9/30/2025	\$ 42,800	\$ 43,500	65	7	0.9839	1.7759	0.2010
R0416210180	1	2/21/2025	\$ 999,200	\$1,015,000	26	7	0.9844	5.5206	0.2028
R1071200130	1	11/18/2024	\$ 403,700	\$ 409,900	2041	7	0.9849	0.9775	0.2042
R5611010070	1	7/17/2025	\$ 399,100	\$ 405,000	26	7	0.9854	0.9424	0.2060
R5952510030	1	2/17/2025	\$ 300,600	\$ 305,000	2041	7	0.9856	0.1909	0.2065
R1525710240	1	3/7/2025	\$ 399,200	\$ 405,000	2041	7	0.9857	0.9432	0.2069
R4221320565	1	12/3/2024	\$ 403,300	\$ 409,000	1537	7	0.9861	0.9744	0.2081
R6120050190	1	11/22/2024	\$ 389,700	\$ 395,000	2041	7	0.9866	0.8707	0.2098
R8499230400	1	7/25/2025	\$ 243,200	\$ 246,500	26	7	0.9866	0.2470	0.2099
R0995020060	1	2/5/2025	\$ 325,900	\$ 330,000	2041	7	0.9876	0.3839	0.2131
R3193010145	1	4/11/2025	\$ 200,600	\$ 203,000	2048	7	0.9882	0.5720	0.2151
R1237000060	1	10/11/2024	\$ 331,100	\$ 335,000	2041	7	0.9884	0.4236	0.2157
R9539500168	1	6/16/2025	\$ 357,900	\$ 362,000	2041	7	0.9887	0.6281	0.2167
R7335510345	1	6/30/2025	\$ 400,600	\$ 405,000	2041	7	0.9891	0.9538	0.2182
R2597530270	1	3/28/2025	\$ 402,900	\$ 407,000	2041	7	0.9899	0.9714	0.2208
R9465800370	1	8/11/2025	\$ 363,800	\$ 367,500	2041	7	0.9899	0.6731	0.2208
R3193020210	1	4/11/2025	\$ 207,900	\$ 210,000	2048	7	0.9900	0.5163	0.2210
R8992000090	1	11/27/2024	\$ 356,600	\$ 360,000	2041	7	0.9906	0.6182	0.2229
R9465250060	1	11/1/2024	\$ 368,600	\$ 372,000	1537	7	0.9909	0.7097	0.2239
R7085510192	1	9/25/2025	\$ 371,600	\$ 375,000	2041	7	0.9909	0.7326	0.2241
R6284120430	1	6/16/2025	\$ 406,300	\$ 410,000	2041	7	0.9910	0.9973	0.2242
R7100580050	1	10/7/2024	\$ 302,600	\$ 305,000	26	7	0.9921	0.2062	0.2280
R1525570360	1	5/23/2025	\$ 407,100	\$ 410,000	2041	7	0.9929	1.0034	0.2306
R7132150020	1	10/21/2024	\$ 349,400	\$ 351,650	2041	7	0.9936	0.5632	0.2329
R0432010130	1	2/14/2025	\$ 402,700	\$ 405,000	2041	7	0.9943	0.9699	0.2352
R1525010390	1	7/25/2025	\$ 353,000	\$ 355,000	2041	7	0.9944	0.5907	0.2354
R1525610410	1	4/3/2025	\$ 395,900	\$ 398,000	2041	7	0.9947	0.9180	0.2365
R1077500150	1	12/13/2024	\$ 403,800	\$ 405,900	2041	7	0.9948	0.9783	0.2369
R0962130060	1	7/16/2025	\$ 328,300	\$ 330,000	2041	7	0.9948	0.4023	0.2370
R1525700370	1	8/15/2025	\$ 348,200	\$ 350,000	2041	7	0.9949	0.5541	0.2370
R1882080060	1	6/13/2025	\$ 358,300	\$ 360,000	2041	7	0.9953	0.6311	0.2384
R9177220010	1	7/22/2025	\$ 393,200	\$ 395,000	2041	7	0.9954	0.8974	0.2389
R3638300370	1	11/27/2024	\$ 243,900	\$ 245,000	2041	7	0.9955	0.2416	0.2391
R0416210100	1	5/9/2025	\$ 871,400	\$ 875,000	26	7	0.9959	4.5456	0.2404
R3958360020	1	6/23/2025	\$ 586,600	\$ 589,000	2041	7	0.9959	2.3729	0.2405
R1237000170	1	2/7/2025	\$ 340,000	\$ 341,000	2041	7	0.9971	0.4915	0.2442
R6877160080	1	10/11/2024	\$ 339,000	\$ 339,900	2026	7	0.9974	0.4839	0.2452
R4997440640	1	1/24/2025	\$ 299,300	\$ 299,900	1546	7	0.9980	0.1810	0.2473
R9351910500	1	9/5/2025	\$ 584,100	\$ 585,000	2041	7	0.9985	2.3538	0.2488
R8835340030	1	12/30/2024	\$ 365,100	\$ 365,000	2041	7	1.0003	0.6830	0.2548

R1625750040	1	12/19/2024	\$ 245,200	\$ 245,000	26	7	1.0008	0.2317	0.2565
R1805760010	1	1/10/2025	\$ 329,500	\$ 329,000	2041	7	1.0015	0.4114	0.2588
MBROF992401	1	12/6/2024	\$ 116,200	\$ 116,000	65	7	1.0017	1.2159	0.2595
R9351910240	1	6/23/2025	\$ 566,900	\$ 565,900	2041	7	1.0018	2.2226	0.2597
R7777782085	1	2/14/2025	\$ 365,900	\$ 365,000	2041	7	1.0025	0.6891	0.2620
R8315260060	1	9/30/2025	\$ 401,000	\$ 400,000	2041	7	1.0025	0.9569	0.2621
R1005710220	1	7/16/2025	\$ 356,100	\$ 354,900	2041	7	1.0034	0.6143	0.2650
R3817020280	1	10/31/2024	\$ 346,400	\$ 345,000	2041	7	1.0041	0.5403	0.2672
R9465800310	1	7/31/2025	\$ 321,300	\$ 320,000	2041	7	1.0041	0.3489	0.2672
R3719250877	1	5/22/2025	\$ 293,500	\$ 292,300	2041	7	1.0041	0.1368	0.2673
R1251250170	1	10/15/2024	\$ 401,600	\$ 399,900	2041	7	1.0043	0.9615	0.2678
R6793290185	1	4/1/2025	\$ 376,900	\$ 375,000	2041	7	1.0051	0.7730	0.2705
R2039251395	1	2/20/2025	\$ 395,400	\$ 393,000	2041	7	1.0061	0.9142	0.2739
R1080200140	1	7/17/2025	\$ 867,900	\$ 862,500	2041	7	1.0063	4.5189	0.2744
R3239010600	1	6/3/2025	\$ 352,400	\$ 350,000	2041	7	1.0069	0.5861	0.2764
MVAND792402	1	7/18/2025	\$ 90,700	\$ 90,000	65	7	1.0078	1.4104	0.2794
R5130002556	1	5/8/2025	\$ 347,700	\$ 345,000	2041	7	1.0078	0.5503	0.2795
R8281570048	1	1/30/2025	\$ 398,300	\$ 395,000	2041	7	1.0084	0.9363	0.2813
R6888190075	1	1/17/2025	\$ 387,400	\$ 384,000	2041	7	1.0089	0.8531	0.2829
R4769360030	1	11/12/2024	\$ 353,100	\$ 350,000	2041	7	1.0089	0.5915	0.2829
MTIMB072701	1	9/3/2025	\$ 126,300	\$ 125,000	65	7	1.0104	1.1388	0.2880
R7696810170	1	3/28/2025	\$ 362,600	\$ 358,800	26	7	1.0106	0.6639	0.2886
R5716000100	1	10/31/2024	\$ 378,900	\$ 374,900	2041	7	1.0107	0.7883	0.2889
R8930000007	1	3/26/2025	\$ 298,200	\$ 295,000	2041	7	1.0108	0.1726	0.2895
R1753011235	1	2/28/2025	\$ 354,000	\$ 350,000	2041	7	1.0114	0.5983	0.2914
R9351910060	1	8/11/2025	\$ 601,900	\$ 595,000	2041	7	1.0116	2.4896	0.2919
R0805750210	1	8/29/2025	\$ 268,400	\$ 265,000	2048	7	1.0128	0.0547	0.2960
R2940700410	1	8/28/2025	\$ 402,200	\$ 397,000	26	7	1.0131	0.9660	0.2968
R6633000286	1	4/18/2025	\$ 359,800	\$ 355,000	2041	7	1.0135	0.6426	0.2982
R0888140320	1	2/12/2025	\$ 230,600	\$ 227,500	26	7	1.0136	0.3431	0.2986
R9465250010	1	11/20/2024	\$ 344,700	\$ 340,000	1537	7	1.0138	0.5274	0.2992
R9086120840	1	5/20/2025	\$ 349,700	\$ 344,900	2041	7	1.0139	0.5655	0.2995
MFLEE192420	1	2/12/2025	\$ 131,800	\$ 129,990	65	7	1.0139	1.0969	0.2996
R6793290010	1	11/14/2024	\$ 391,000	\$ 385,000	2041	7	1.0156	0.8806	0.3050
R8521440020	1	9/4/2025	\$ 320,100	\$ 315,000	2048	7	1.0162	0.3397	0.3070
R1955000510	1	7/25/2025	\$ 310,100	\$ 305,000	2041	7	1.0167	0.2634	0.3087
R7406310150	1	3/11/2025	\$ 645,700	\$ 635,000	26	7	1.0169	2.8237	0.3092
R1655000060	1	5/28/2025	\$ 151,100	\$ 148,400	2046	7	1.0182	0.9496	0.3136
R9035710130	1	5/20/2025	\$ 300,000	\$ 294,500	2048	7	1.0187	0.1864	0.3151
R1005680100	1	10/11/2024	\$ 305,900	\$ 299,900	26	7	1.0200	0.2314	0.3195
R2024320235	1	12/12/2024	\$ 376,600	\$ 369,000	2041	7	1.0206	0.7707	0.3214
R8079230170	1	9/26/2025	\$ 352,300	\$ 345,000	2041	7	1.0212	0.5854	0.3233
R3239500740	1	12/12/2024	\$ 383,100	\$ 374,900	2041	7	1.0219	0.8203	0.3256
R2919020230	1	2/21/2025	\$ 348,500	\$ 341,000	2041	7	1.0220	0.5564	0.3260

R2024250320	1	10/25/2024	\$ 385,800	\$ 377,000	2041	7	1.0233	0.8409	0.3305
R5646030035	1	3/14/2025	\$ 342,900	\$ 335,000	2041	7	1.0236	0.5136	0.3312
MFLLEE731415	1	2/5/2025	\$ 29,700	\$ 29,000	65	7	1.0241	1.8758	0.3331
R8499230390	1	1/3/2025	\$ 243,200	\$ 237,000	26	7	1.0262	0.2470	0.3397
R1319600030	1	9/18/2025	\$ 358,200	\$ 349,000	2041	7	1.0264	0.6304	0.3404
MNASH062803	1	1/21/2025	\$ 220,900	\$ 215,000	65	7	1.0274	0.4171	0.3439
R7442000030	1	5/22/2025	\$ 328,800	\$ 320,000	2041	7	1.0275	0.4061	0.3441
R7858020190	1	12/27/2024	\$ 370,100	\$ 360,000	2041	7	1.0281	0.7212	0.3459
R5498700540	1	8/11/2025	\$ 283,400	\$ 275,000	2041	7	1.0305	0.0597	0.3541
R3109112670	1	7/17/2025	\$ 329,200	\$ 319,000	2041	7	1.0320	0.4091	0.3588
R7717170170	1	6/12/2025	\$ 340,800	\$ 330,000	2041	7	1.0327	0.4976	0.3613
R3193020175	1	12/5/2024	\$ 165,300	\$ 160,000	2046	7	1.0331	0.8413	0.3626
S0633233950	1	3/31/2025	\$ 259,000	\$ 250,000	20	7	1.0360	0.1264	0.3720
R2734251300	1	4/29/2025	\$ 399,100	\$ 385,000	2041	7	1.0366	0.9424	0.3740
R0995010190	1	2/21/2025	\$ 388,800	\$ 375,000	2041	7	1.0368	0.8638	0.3746
R4839140070	1	3/13/2025	\$ 493,000	\$ 475,000	2041	7	1.0379	1.6588	0.3782
R2889890260	1	10/21/2024	\$ 368,800	\$ 354,900	2041	7	1.0392	0.7112	0.3824
R0551010040	1	3/17/2025	\$ 386,900	\$ 372,250	2041	7	1.0394	0.8493	0.3830
R7696810220	1	3/6/2025	\$ 362,000	\$ 347,704	26	7	1.0411	0.6594	0.3888
R1029270030	1	6/26/2025	\$ 401,100	\$ 385,000	2041	7	1.0418	0.9577	0.3911
R1523280195	1	9/12/2025	\$ 390,600	\$ 374,500	2041	7	1.0430	0.8775	0.3949
S1018110237	1	11/4/2024	\$ 385,100	\$ 369,000	2041	7	1.0436	0.8356	0.3970
R5130000160	1	5/16/2025	\$ 355,300	\$ 340,000	2041	7	1.0450	0.6082	0.4015
R6633020060	1	10/11/2024	\$ 340,400	\$ 325,500	2041	7	1.0458	0.4946	0.4041
R7334240620	1	8/4/2025	\$ 381,900	\$ 365,000	2041	7	1.0463	0.8112	0.4058
R5646010082	1	10/17/2024	\$ 376,700	\$ 360,000	2041	7	1.0464	0.7715	0.4061
R2905670410	1	12/18/2024	\$ 291,100	\$ 278,000	2041	7	1.0471	0.1185	0.4085
R9294790110	1	10/2/2024	\$ 366,800	\$ 350,000	2041	7	1.0480	0.6960	0.4114
R8048300190	1	6/13/2025	\$ 330,400	\$ 315,000	2041	7	1.0489	0.4183	0.4143
R9206000150	1	4/29/2025	\$ 225,900	\$ 215,000	20	7	1.0507	0.3790	0.4202
R7334240560	1	11/8/2024	\$ 402,100	\$ 382,600	2041	7	1.0510	0.9653	0.4211
R7334200440	1	8/20/2025	\$ 200,900	\$ 191,000	20	7	1.0518	0.5697	0.4240
R3227290110	1	4/8/2025	\$ 263,500	\$ 250,000	26	7	1.0540	0.0921	0.4311
R8220700332	1	2/28/2025	\$ 403,000	\$ 382,000	2041	7	1.0550	0.9721	0.4343
R1525700490	1	7/17/2025	\$ 343,400	\$ 325,000	2041	7	1.0566	0.5175	0.4397
R0819650400	1	2/3/2025	\$ 406,900	\$ 385,000	2041	7	1.0569	1.0019	0.4405
R9374000077	1	11/22/2024	\$ 345,700	\$ 327,000	2041	7	1.0572	0.5350	0.4415
R3239170100	1	9/19/2025	\$ 286,100	\$ 270,000	26	7	1.0596	0.0803	0.4495
R6955000200	1	7/31/2025	\$ 392,800	\$ 370,000	2041	7	1.0616	0.8943	0.4561
R8373730210	1	5/27/2025	\$ 700,300	\$ 659,000	26	7	1.0627	3.2403	0.4595
R1005710310	1	9/12/2025	\$ 356,100	\$ 335,000	2041	7	1.0630	0.6143	0.4606
R4950310050	1	6/27/2025	\$ 359,200	\$ 337,250	2041	7	1.0651	0.6380	0.4675
R8499220190	1	12/18/2024	\$ 346,300	\$ 325,000	26	7	1.0655	0.5396	0.4689
R7084360370	1	10/15/2024	\$ 349,100	\$ 327,500	2041	7	1.0660	0.5609	0.4703

R1525010730	1	2/5/2025	\$ 403,600	\$ 378,000	2041	7	1.0677	0.9767	0.4761
R7335460165	1	3/31/2025	\$ 364,000	\$ 340,000	2041	7	1.0706	0.6746	0.4855
MOAKW992717	1	10/30/2024	\$ 178,700	\$ 166,500	65	7	1.0733	0.7391	0.4943
R7923000035	1	10/10/2024	\$ 268,300	\$ 249,900	20	7	1.0736	0.0555	0.4955
R7406310140	1	6/30/2025	\$ 832,100	\$ 775,000	26	7	1.0737	4.2458	0.4956
R8318270500	1	12/27/2024	\$ 338,400	\$ 315,000	26	7	1.0743	0.4793	0.4976
R1077250068	1	6/4/2025	\$ 349,600	\$ 325,000	1537	7	1.0757	0.5648	0.5023
R7108570125	1	9/15/2025	\$ 344,300	\$ 320,000	2041	7	1.0759	0.5243	0.5031
R1756000360	1	4/17/2025	\$ 366,100	\$ 340,000	2041	7	1.0768	0.6906	0.5058
MHILL781413	1	11/27/2024	\$ 17,200	\$ 15,900	46	7	1.0818	1.9712	0.5222
R1029260205	1	10/10/2024	\$ 389,800	\$ 360,000	2041	7	1.0828	0.8714	0.5255
R7084340290	1	1/10/2025	\$ 346,500	\$ 320,000	2041	7	1.0828	0.5411	0.5256
R3193000140	1	1/3/2025	\$ 206,200	\$ 190,000	2046	7	1.0853	0.5293	0.5337
MBUDD711401	1	11/27/2024	\$ 16,100	\$ 14,800	46	7	1.0878	1.9796	0.5421
S0633233970	1	3/31/2025	\$ 273,000	\$ 250,000	20	7	1.0920	0.0196	0.5558
MCLAY062701	1	12/19/2024	\$ 180,200	\$ 165,000	65	7	1.0921	0.7276	0.5562
MGUER762404	1	9/15/2025	\$ 19,700	\$ 18,000	65	7	1.0944	1.9521	0.5638
MREDM992301	1	1/21/2025	\$ 106,900	\$ 97,500	65	7	1.0964	1.2868	0.5703
MGUER962703	1	5/22/2025	\$ 99,000	\$ 90,000	65	7	1.1000	1.3471	0.5820
R7334000070	1	12/6/2024	\$ 283,900	\$ 258,000	2041	7	1.1004	0.0635	0.5833
R8048300200	1	9/15/2025	\$ 330,400	\$ 300,000	2041	7	1.1013	0.4183	0.5864
R1779500280	1	4/21/2025	\$ 385,700	\$ 350,000	2041	7	1.1020	0.8402	0.5886
R1539600290	1	3/20/2025	\$ 302,200	\$ 273,900	2048	7	1.1033	0.2031	0.5929
R1955010369	1	3/20/2025	\$ 406,700	\$ 368,000	2041	7	1.1052	1.0004	0.5990
R5646010155	1	9/23/2025	\$ 315,200	\$ 285,000	2041	7	1.1060	0.3023	0.6016
MFLEE061501	1	7/14/2025	\$ 98,800	\$ 89,000	65	7	1.1101	1.3486	0.6152
R1731190170	1	11/8/2024	\$ 266,400	\$ 239,900	26	7	1.1105	0.0700	0.6164
R7084340190	1	11/12/2024	\$ 346,500	\$ 311,000	2041	7	1.1141	0.5411	0.6285
R9539500045	1	7/7/2025	\$ 357,600	\$ 320,000	2041	7	1.1175	0.6258	0.6395
R1525010380	1	3/31/2025	\$ 349,800	\$ 312,500	2041	7	1.1194	0.5663	0.6456
R3074790020	1	10/10/2024	\$ 173,000	\$ 154,500	20	7	1.1197	0.7825	0.6468
MFLEE841420	1	8/20/2025	\$ 56,200	\$ 50,000	65	7	1.1240	1.6736	0.6608
R0888140310	1	9/19/2025	\$ 230,600	\$ 205,000	26	7	1.1249	0.3431	0.6637
R1005710210	1	9/17/2025	\$ 321,700	\$ 285,000	2041	7	1.1288	0.3519	0.6765
R0425540030	1	1/17/2025	\$ 856,800	\$ 759,000	2142	7	1.1289	4.4342	0.6767
MFLEE192718	1	3/3/2025	\$ 226,200	\$ 200,000	65	7	1.1310	0.3767	0.6838
R7177730140	1	10/7/2024	\$ 312,700	\$ 275,000	2041	7	1.1371	0.2832	0.7038
R9479110050	1	9/15/2025	\$ 400,500	\$ 350,000	2041	7	1.1443	0.9531	0.7274
MBAIN761418	1	9/3/2025	\$ 17,200	\$ 15,000	65	7	1.1467	1.9712	0.7352
O1088420370	1	8/4/2025	\$ 377,000	\$ 328,000	50	7	1.1494	0.7738	0.7441
R2024320255	1	9/2/2025	\$ 185,000	\$ 160,000	20	7	1.1563	0.6910	0.7666
R4432500418	1	4/11/2025	\$ 341,700	\$ 295,000	2041	7	1.1583	0.5045	0.7734
R6206380390	1	7/3/2025	\$ 382,700	\$ 330,000	2041	7	1.1597	0.8173	0.7779
R7334240270	1	6/3/2025	\$ 407,200	\$ 349,900	2041	7	1.1638	1.0042	0.7913

R3415610220	1	8/29/2025	\$ 350,200	\$ 300,000	2041	7	1.1673	0.5693	0.8030
R2734000290	1	7/17/2025	\$ 337,800	\$ 285,000	2041	7	1.1853	0.4747	0.8618
MFLEE161301	1	2/25/2025	\$ 78,500	\$ 66,000	65	7	1.1894	1.5035	0.8754
R1281500070	1	1/13/2025	\$ 373,500	\$ 314,000	2041	7	1.1895	0.7471	0.8757
R1105000135	1	9/12/2025	\$ 383,100	\$ 321,210	2041	7	1.1927	0.8203	0.8862
MHILL681250	1	7/1/2025	\$ 6,000	\$ 5,000	65	7	1.2000	2.0566	0.9102
R6793280015	1	1/21/2025	\$ 392,300	\$ 325,000	2041	7	1.2071	0.8905	0.9334
R7704510220	1	11/26/2024	\$ 396,200	\$ 326,500	2041	7	1.2135	0.9203	0.9544
R8222910130	1	5/15/2025	\$ 378,000	\$ 310,750	1537	7	1.2164	0.7814	0.9641
R5136890220	1	4/10/2025	\$ 380,300	\$ 310,000	2041	7	1.2268	0.7990	0.9981
R7135410023	1	12/13/2024	\$ 380,500	\$ 310,000	2041	7	1.2274	0.8005	1.0002
MCHAM981605	1	4/17/2025	\$ 83,600	\$ 67,800	65	7	1.2330	1.4646	1.0186
R2024301200	1	9/11/2025	\$ 303,700	\$ 245,000	2041	7	1.2396	0.2146	1.0401
R7824350030	1	11/2/2024	\$ 330,200	\$ 265,000	2041	7	1.2460	0.4167	1.0613
O1088420060	1	7/3/2025	\$ 324,000	\$ 250,000	50	7	1.2960	0.3694	1.2253
MWESF821401	1	3/28/2025	\$ 60,200	\$ 44,900	65	7	1.3408	1.6431	1.3721
R9464250235	1	10/15/2024	\$ 248,600	\$ 185,000	26	7	1.3438	0.2058	1.3821
R3046505425	1	6/24/2025	\$ 292,600	\$ 215,000	2041	7	1.3609	0.1299	1.4383
R6045250085	1	6/6/2025	\$ 380,600	\$ 274,500	2041	7	1.3865	0.8013	1.5223
MBROA151601	1	10/14/2024	\$ 120,700	\$ 86,500	65	7	1.3954	1.1815	1.5514
MSAHA691250	1	12/1/2024	\$ 7,100	\$ 5,000	65	7	1.4200	2.0482	1.6322
S1127142215	1	1/21/2025	\$ 288,600	\$ 200,000	1234	7	1.4430	0.0994	1.7077
R9441000505	1	8/27/2025	\$ 329,800	\$ 226,000	2041	7	1.4593	0.4137	1.7611
MFLEE211401	1	8/7/2025	\$ 96,200	\$ 65,000	65	7	1.4800	1.3685	1.8291
R8048300100	1	7/24/2025	\$ 340,500	\$ 230,000	2041	7	1.4804	0.4953	1.8305
MGUER862702	1	3/21/2025	\$ 64,000	\$ 42,000	65	7	1.5238	1.6141	1.9729
MFLEE792407	1	9/12/2025	\$ 150,200	\$ 90,000	65	7	1.6689	0.9565	2.4490
R6010000001	1	7/1/2025	\$ 351,000	\$ 200,000	2041	7	1.7550	0.5754	2.7316
R8980010315	1	10/23/2024	\$ 250,900	\$ 138,500	20	7	1.8116	0.1882	2.9172
R1890000115	1	7/23/2025	\$ 597,900	\$ 325,000	2041	7	1.8397	2.4591	3.0095
MCANY831406	1	8/28/2025	\$ 47,600	\$ 25,000	65	7	1.9040	1.7392	3.2206
MMONT812402	1	3/21/2025	\$ 62,300	\$ 30,000	65	7	2.0767	1.6271	3.7872
MSTAR702001	1	9/5/2025	\$ 73,600	\$ 24,900	65	7	2.9558	1.5409	6.6724
MSKYL791403	1	3/26/2025	\$ 41,300	\$ 10,000	65	7	4.1300	1.7873	10.5258
MMAGN671701	1	7/6/2025	\$ 42,300	\$ 9,000	65	7	4.7000	1.7797	12.3964
MMEDF841416	1	9/1/2025	\$ 47,500	\$ 10,000	65	7	4.7500	1.7400	12.5605
MSAND771450	1	10/9/2024	\$ 19,800	\$ 4,000	65	7	4.9500	1.9513	13.2168
S0513417370	2	4/15/2025	\$ 482,400	\$ 865,000	2041	7	0.5577	1.0073	3.6588
R2690420400	2	6/18/2025	\$ 427,400	\$ 750,000	20	7	0.5699	0.9139	3.5395
S0611417215	2	3/4/2025	\$ 412,800	\$ 699,000	12	7	0.5906	1.4239	3.3367
R4541000023	2	4/18/2025	\$ 439,500	\$ 720,000	2041	7	0.6104	0.4912	3.1421
R3484250095	2	9/19/2025	\$ 485,300	\$ 750,000	20	7	0.6471	1.1086	2.7829
R7335550520	2	8/25/2025	\$ 415,000	\$ 636,927	2041	7	0.6516	1.3470	2.7388
R3510000140	2	4/25/2025	\$ 437,200	\$ 665,000	2041	7	0.6574	0.5716	2.6812

R5854000740	2	9/3/2025	\$ 450,900	\$ 675,000	2041	7	0.6680	0.0930	2.5777
R7335520375	2	9/4/2025	\$ 410,400	\$ 609,900	2041	7	0.6729	1.5077	2.5297
R5315000760	2	8/26/2025	\$ 443,900	\$ 657,000	2041	7	0.6756	0.3375	2.5028
R1625502235	2	5/22/2025	\$ 423,800	\$ 599,000	2041	7	0.7075	1.0396	2.1905
R1624000875	2	11/4/2024	\$ 431,900	\$ 599,000	2041	7	0.7210	0.7567	2.0580
R8175580050	2	8/22/2025	\$ 469,000	\$ 649,900	2041	7	0.7216	0.5392	2.0520
R7334000266	2	12/12/2024	\$ 434,200	\$ 599,900	2041	7	0.7238	0.6764	2.0310
R4997440650	2	7/14/2025	\$ 408,000	\$ 560,000	1537	7	0.7286	1.5915	1.9841
R0387250200	2	9/30/2025	\$ 471,900	\$ 645,000	2041	7	0.7316	0.6405	1.9542
R1751000015	2	9/12/2025	\$ 442,900	\$ 603,000	2041	7	0.7345	0.3725	1.9261
S0632110165	2	12/24/2024	\$ 408,200	\$ 555,000	2041	7	0.7355	1.5845	1.9163
R8992000770	2	5/7/2025	\$ 488,500	\$ 661,000	2041	7	0.7390	1.2203	1.8816
R5315100020	2	4/3/2025	\$ 422,800	\$ 569,900	2041	7	0.7419	1.0746	1.8537
R7335570440	2	4/18/2025	\$ 435,600	\$ 585,000	2041	7	0.7446	0.6275	1.8269
R2037150115	2	7/8/2025	\$ 437,900	\$ 585,000	2041	7	0.7485	0.5471	1.7884
R8222710360	2	7/9/2025	\$ 494,000	\$ 655,000	1537	7	0.7542	1.4125	1.7330
R1317410990	2	5/28/2025	\$ 478,700	\$ 626,000	2041	7	0.7647	0.8780	1.6301
R1283130040	2	8/14/2025	\$ 448,500	\$ 585,000	2041	7	0.7667	0.1769	1.6108
R7909970160	2	8/28/2025	\$ 461,400	\$ 600,000	2041	7	0.7690	0.2737	1.5879
R1580720360	2	9/17/2025	\$ 436,100	\$ 565,000	2041	7	0.7719	0.6100	1.5599
R2738500290	2	7/30/2025	\$ 491,600	\$ 635,000	2041	7	0.7742	1.3286	1.5372
R1342000730	2	5/23/2025	\$ 476,500	\$ 615,000	2041	7	0.7748	0.8012	1.5311
R1342100395	2	5/30/2025	\$ 426,300	\$ 550,000	2041	7	0.7751	0.9523	1.5282
R3239030150	2	9/30/2025	\$ 473,600	\$ 609,900	2041	7	0.7765	0.6999	1.5142
S1935300000	2	5/16/2025	\$ 408,000	\$ 525,000	18	7	0.7771	1.5915	1.5081
R2854000220	2	3/28/2025	\$ 408,900	\$ 525,000	2041	7	0.7789	1.5601	1.4913
R2830510060	2	4/30/2025	\$ 455,000	\$ 582,000	2041	7	0.7818	0.0502	1.4626
R1525730420	2	5/30/2025	\$ 410,600	\$ 525,000	2041	7	0.7821	1.5007	1.4596
R5836700050	2	5/20/2025	\$ 417,200	\$ 530,000	2041	7	0.7872	1.2702	1.4099
R1525750330	2	9/30/2025	\$ 476,800	\$ 605,000	2041	7	0.7881	0.8117	1.4008
R1943002790	2	7/31/2025	\$ 484,000	\$ 613,065	2041	7	0.7895	1.0631	1.3873
R8394770288	2	10/11/2024	\$ 486,500	\$ 615,000	2041	7	0.7911	1.1505	1.3718
R6637250180	2	8/15/2025	\$ 420,000	\$ 530,000	2041	7	0.7925	1.1724	1.3581
R2847250010	2	5/14/2025	\$ 499,700	\$ 630,000	1537	7	0.7932	1.6116	1.3510
R6046000041	2	8/22/2025	\$ 436,500	\$ 550,000	2041	7	0.7936	0.5960	1.3465
R1126001120	2	4/30/2025	\$ 409,300	\$ 515,000	2041	7	0.7948	1.5461	1.3355
R1625500230	2	5/21/2025	\$ 425,900	\$ 535,000	2041	7	0.7961	0.9663	1.3226
R5710410600	2	9/25/2025	\$ 469,700	\$ 590,000	2041	7	0.7961	0.5636	1.3223
R5836510140	2	2/12/2025	\$ 490,600	\$ 616,000	2041	7	0.7964	1.2937	1.3191
R7648000061	2	6/27/2025	\$ 478,200	\$ 600,000	2041	7	0.7970	0.8606	1.3135
R5315000180	2	3/5/2025	\$ 435,400	\$ 545,000	2041	7	0.7989	0.6345	1.2949
R8036130370	2	2/28/2025	\$ 444,000	\$ 555,000	2041	7	0.8000	0.3341	1.2841
R2847230350	2	5/30/2025	\$ 452,400	\$ 565,000	1537	7	0.8007	0.0406	1.2772
R6793260010	2	4/29/2025	\$ 416,600	\$ 520,000	2041	7	0.8012	1.2911	1.2728

R6114510480	2	9/17/2025	\$ 440,800	\$ 549,900	2041	7	0.8016	0.4458	1.2684
R3239010100	2	9/4/2025	\$ 429,100	\$ 535,000	2041	7	0.8021	0.8545	1.2640
R1625503940	2	8/27/2025	\$ 503,400	\$ 627,000	2041	7	0.8029	1.7408	1.2560
R0923000170	2	5/27/2025	\$ 426,400	\$ 530,000	2041	7	0.8045	0.9488	1.2397
R0880000097	2	5/20/2025	\$ 445,100	\$ 553,000	2041	7	0.8049	0.2956	1.2363
R9626250330	2	4/30/2025	\$ 485,200	\$ 600,000	2041	7	0.8087	1.1051	1.1992
R9441000047	2	11/26/2024	\$ 428,700	\$ 530,000	2041	7	0.8089	0.8685	1.1972
R5315000910	2	5/1/2025	\$ 425,400	\$ 525,300	2041	7	0.8098	0.9838	1.1879
R2690420340	2	8/24/2025	\$ 427,400	\$ 525,000	20	7	0.8141	0.9139	1.1460
R9026000085	2	5/13/2025	\$ 492,900	\$ 605,000	2041	7	0.8147	1.3740	1.1400
R4548500165	2	10/10/2024	\$ 423,600	\$ 519,900	2041	7	0.8148	1.0466	1.1394
R3046630005	2	7/15/2025	\$ 457,400	\$ 560,000	2041	7	0.8168	0.1340	1.1196
R7100700100	2	8/29/2025	\$ 475,800	\$ 579,000	2041	7	0.8218	0.7767	1.0709
R7335580335	2	9/9/2025	\$ 416,800	\$ 507,000	2041	7	0.8221	1.2842	1.0676
R7335560320	2	7/14/2025	\$ 415,700	\$ 505,000	2041	7	0.8232	1.3226	1.0571
R9227100330	2	6/2/2025	\$ 474,000	\$ 575,000	2041	7	0.8243	0.7138	1.0455
R0923000060	2	8/15/2025	\$ 429,200	\$ 520,000	2041	7	0.8254	0.8510	1.0354
R1077250135	2	12/2/2024	\$ 408,600	\$ 495,000	1537	7	0.8255	1.5706	1.0347
R1805370170	2	8/20/2025	\$ 413,200	\$ 499,900	2041	7	0.8266	1.4099	1.0238
R0551010050	2	12/30/2024	\$ 446,200	\$ 539,000	2041	7	0.8278	0.2572	1.0114
R7982260220	2	12/18/2024	\$ 410,700	\$ 496,000	2041	7	0.8280	1.4972	1.0095
R4726510070	2	11/5/2024	\$ 493,800	\$ 595,000	2041	7	0.8299	1.4055	0.9909
R8036140280	2	4/18/2025	\$ 441,100	\$ 530,000	2041	7	0.8323	0.4353	0.9679
R5125400262	2	9/2/2025	\$ 458,100	\$ 550,000	2041	7	0.8329	0.1585	0.9616
R2037150235	2	7/31/2025	\$ 460,600	\$ 553,000	2041	7	0.8329	0.2458	0.9616
R9516000010	2	10/16/2024	\$ 498,200	\$ 598,000	2041	7	0.8331	1.5592	0.9596
R9255000265	2	5/13/2025	\$ 479,100	\$ 575,000	2041	7	0.8332	0.8920	0.9586
R6114510835	2	5/28/2025	\$ 491,800	\$ 589,900	2041	7	0.8337	1.3356	0.9539
R1798500415	2	2/14/2025	\$ 472,400	\$ 565,000	2041	7	0.8361	0.6580	0.9303
R7335560040	2	8/1/2025	\$ 456,100	\$ 545,000	2041	7	0.8369	0.0886	0.9227
R9380730050	2	7/18/2025	\$ 434,400	\$ 519,000	26	7	0.8370	0.6694	0.9216
R1079660630	2	5/14/2025	\$ 481,300	\$ 575,000	1537	7	0.8370	0.9688	0.9211
R6907730020	2	9/26/2025	\$ 439,500	\$ 525,000	2041	7	0.8371	0.4912	0.9201
R9322750630	2	8/1/2025	\$ 431,200	\$ 515,000	2041	7	0.8373	0.7812	0.9188
R4221320375	2	9/3/2025	\$ 443,800	\$ 530,000	1537	7	0.8374	0.3410	0.9180
R1580950390	2	3/18/2025	\$ 495,000	\$ 590,000	2041	7	0.8390	1.4474	0.9021
R7332850275	2	7/18/2025	\$ 465,800	\$ 555,000	2041	7	0.8393	0.4274	0.8992
R5125540040	2	4/28/2025	\$ 462,200	\$ 550,000	2041	7	0.8404	0.3017	0.8886
R2732870071	2	6/23/2025	\$ 467,000	\$ 555,000	2041	7	0.8414	0.4693	0.8780
R1342000055	2	8/11/2025	\$ 425,700	\$ 505,000	2041	7	0.8430	0.9733	0.8630
R1892010480	2	5/30/2025	\$ 472,800	\$ 559,900	2041	7	0.8444	0.6719	0.8486
R5315100010	2	4/10/2025	\$ 473,000	\$ 559,000	2041	7	0.8462	0.6789	0.8318
R4951000270	2	4/21/2025	\$ 469,700	\$ 555,000	2041	7	0.8463	0.5636	0.8303
R1280520130	2	8/15/2025	\$ 474,000	\$ 560,000	2041	7	0.8464	0.7138	0.8291

R6115000300	2	9/18/2025	\$ 414,900	\$ 490,000	2041	7	0.8467	1.3505	0.8261
R8954560251	2	5/30/2025	\$ 410,800	\$ 484,500	2041	7	0.8479	1.4937	0.8149
R5457600070	2	5/19/2025	\$ 432,700	\$ 510,000	2041	7	0.8484	0.7288	0.8095
R8123003185	2	6/30/2025	\$ 466,800	\$ 549,420	2041	7	0.8496	0.4624	0.7978
R4688000240	2	6/30/2025	\$ 435,500	\$ 512,500	2041	7	0.8498	0.6310	0.7965
R2733030135	2	7/25/2025	\$ 416,700	\$ 489,000	2041	7	0.8521	1.2876	0.7731
R8048550050	2	6/18/2025	\$ 494,300	\$ 579,900	1537	7	0.8524	1.4229	0.7707
R7923290110	2	8/14/2025	\$ 422,400	\$ 495,500	2041	7	0.8525	1.0885	0.7699
R1580940170	2	8/28/2025	\$ 474,000	\$ 555,000	2041	7	0.8541	0.7138	0.7544
R6070500250	2	10/23/2024	\$ 499,800	\$ 585,000	2041	7	0.8544	1.6150	0.7514
R1567350040	2	4/15/2025	\$ 427,200	\$ 500,000	2041	7	0.8544	0.9209	0.7510
R9441000224	2	5/7/2025	\$ 534,100	\$ 625,000	2041	7	0.8546	2.8131	0.7494
R2690420380	2	6/18/2025	\$ 427,400	\$ 500,000	20	7	0.8548	0.9139	0.7471
R1943002210	2	8/5/2025	\$ 502,100	\$ 587,000	2041	7	0.8554	1.6954	0.7415
R3719250740	2	3/31/2025	\$ 457,800	\$ 535,150	2041	7	0.8555	0.1480	0.7406
R8521450640	2	7/16/2025	\$ 449,500	\$ 525,000	2041	7	0.8562	0.1419	0.7335
R7923290201	2	12/16/2024	\$ 428,000	\$ 499,800	2041	7	0.8563	0.8929	0.7320
R1431970190	2	11/21/2024	\$ 436,900	\$ 510,000	26	7	0.8567	0.5821	0.7288
R7909960180	2	5/30/2025	\$ 434,000	\$ 506,500	2041	7	0.8569	0.6834	0.7269
R8222920170	2	9/25/2025	\$ 441,500	\$ 515,000	1537	7	0.8573	0.4214	0.7228
R4219200480	2	8/4/2025	\$ 463,200	\$ 540,000	2041	7	0.8578	0.3366	0.7179
R5125530480	2	6/2/2025	\$ 482,400	\$ 562,000	2041	7	0.8584	1.0073	0.7122
R5417150170	2	5/9/2025	\$ 429,300	\$ 499,900	2041	7	0.8588	0.8475	0.7082
R9441000034	2	6/6/2025	\$ 435,700	\$ 507,000	2041	7	0.8594	0.6240	0.7023
R3012420210	2	7/31/2025	\$ 490,000	\$ 570,000	2041	7	0.8596	1.2727	0.6996
R4737640250	2	4/18/2025	\$ 498,600	\$ 579,900	2041	7	0.8598	1.5731	0.6980
R6877160340	2	10/10/2024	\$ 430,700	\$ 499,900	2026	7	0.8616	0.7986	0.6807
R8112001445	2	5/14/2025	\$ 487,500	\$ 565,000	2041	7	0.8628	1.1854	0.6684
R1440710090	2	6/3/2025	\$ 412,700	\$ 478,000	2041	7	0.8634	1.4274	0.6629
R2887400190	2	9/19/2025	\$ 496,700	\$ 575,000	2041	7	0.8638	1.5068	0.6586
R1580950420	2	5/5/2025	\$ 447,500	\$ 517,500	2041	7	0.8647	0.2118	0.6497
R5279760290	2	9/2/2025	\$ 466,200	\$ 539,000	2041	7	0.8649	0.4414	0.6478
R9322750480	2	7/31/2025	\$ 466,300	\$ 539,000	2041	7	0.8651	0.4449	0.6459
R5504610710	2	9/11/2025	\$ 484,700	\$ 560,000	2041	7	0.8655	1.0876	0.6419
R0885240230	2	7/11/2025	\$ 420,300	\$ 485,500	2041	7	0.8657	1.1619	0.6402
R3046640030	2	5/27/2025	\$ 432,900	\$ 500,000	2041	7	0.8658	0.7218	0.6393
R1525660040	2	9/15/2025	\$ 420,200	\$ 485,000	2041	7	0.8664	1.1654	0.6335
R2733050015	2	6/13/2025	\$ 415,800	\$ 479,900	2041	7	0.8664	1.3191	0.6331
R4726510080	2	6/5/2025	\$ 467,800	\$ 539,000	2041	7	0.8679	0.4973	0.6187
R1754001026	2	8/25/2025	\$ 473,400	\$ 545,000	2041	7	0.8686	0.6929	0.6116
R1184000065	2	9/8/2025	\$ 430,100	\$ 495,000	2041	7	0.8689	0.8196	0.6090
R4737660010	2	9/30/2025	\$ 458,400	\$ 527,500	2041	7	0.8690	0.1689	0.6079
R1580720660	2	5/28/2025	\$ 497,100	\$ 572,000	2041	7	0.8691	1.5207	0.6074
R1376450280	2	10/25/2024	\$ 461,100	\$ 530,000	2041	7	0.8700	0.2633	0.5981

R9322420100	2	11/14/2024	\$ 452,800	\$ 520,000	2041	7	0.8708	0.0267	0.5906
R8180950090	2	6/25/2025	\$ 422,400	\$ 485,000	2041	7	0.8709	1.0885	0.5890
R1580730520	2	4/14/2025	\$ 444,200	\$ 510,000	2041	7	0.8710	0.3271	0.5885
R7982260240	2	7/29/2025	\$ 417,200	\$ 479,000	2041	7	0.8710	1.2702	0.5885
R2024302146	2	7/11/2025	\$ 443,400	\$ 509,000	2041	7	0.8711	0.3550	0.5871
R7335520107	2	4/3/2025	\$ 449,500	\$ 515,000	2041	7	0.8728	0.1419	0.5705
R8048200305	2	12/13/2024	\$ 467,000	\$ 535,000	2041	7	0.8729	0.4693	0.5697
R8207500195	2	2/14/2025	\$ 409,600	\$ 469,000	2041	7	0.8733	1.5356	0.5653
R1277200020	2	1/30/2025	\$ 450,200	\$ 515,000	2041	7	0.8742	0.1175	0.5572
R7909630520	2	7/3/2025	\$ 422,300	\$ 482,000	1537	7	0.8761	1.0920	0.5379
R7335540450	2	6/27/2025	\$ 416,300	\$ 475,000	2041	7	0.8764	1.3016	0.5352
R3053000480	2	8/20/2025	\$ 438,300	\$ 500,000	2041	7	0.8766	0.5332	0.5334
R0812962020	2	2/21/2025	\$ 438,700	\$ 500,000	2041	7	0.8774	0.5192	0.5256
R5125570155	2	5/2/2025	\$ 426,300	\$ 485,000	2041	7	0.8790	0.9523	0.5102
R4221320140	2	10/18/2024	\$ 413,200	\$ 469,900	1537	7	0.8793	1.4099	0.5066
R1525721810	2	1/24/2025	\$ 470,400	\$ 534,800	2041	7	0.8796	0.5881	0.5042
R5136870370	2	7/23/2025	\$ 506,300	\$ 575,000	2041	7	0.8805	1.8421	0.4950
R9437520680	2	7/2/2025	\$ 418,400	\$ 475,000	2041	7	0.8808	1.2283	0.4919
R7100420040	2	8/14/2025	\$ 419,300	\$ 476,000	2041	7	0.8809	1.1968	0.4915
R2887400440	2	11/22/2024	\$ 485,500	\$ 550,000	2041	7	0.8827	1.1155	0.4734
R1624002765	2	7/31/2025	\$ 472,400	\$ 535,000	2041	7	0.8830	0.6580	0.4708
R1007100040	2	7/21/2025	\$ 463,900	\$ 525,000	2041	7	0.8836	0.3611	0.4647
R1525730850	2	5/12/2025	\$ 459,900	\$ 520,000	2041	7	0.8844	0.2213	0.4568
R3616250170	2	3/31/2025	\$ 499,700	\$ 565,000	2041	7	0.8844	1.6116	0.4568
R7335550740	2	3/20/2025	\$ 477,600	\$ 540,000	2041	7	0.8844	0.8396	0.4566
R1955000614	2	2/14/2025	\$ 459,600	\$ 519,000	2041	7	0.8855	0.2109	0.4457
R3638350160	2	8/4/2025	\$ 421,700	\$ 476,000	2041	7	0.8859	1.1130	0.4421
R9437500620	2	6/27/2025	\$ 419,100	\$ 473,000	2041	7	0.8860	1.2038	0.4409
R5125440050	2	9/26/2025	\$ 478,600	\$ 540,000	2041	7	0.8863	0.8745	0.4384
R5315000876	2	1/3/2025	\$ 431,600	\$ 486,800	2041	7	0.8866	0.7672	0.4354
R1342000215	2	6/18/2025	\$ 423,000	\$ 477,000	2041	7	0.8868	1.0676	0.4336
R2847230270	2	7/7/2025	\$ 470,100	\$ 530,000	1537	7	0.8870	0.5776	0.4317
R7704530120	2	3/14/2025	\$ 470,200	\$ 530,000	2041	7	0.8872	0.5811	0.4299
R5421000040	2	4/9/2025	\$ 505,900	\$ 570,000	2041	7	0.8875	1.8281	0.4262
R2400010360	2	11/27/2024	\$ 483,900	\$ 545,000	26	7	0.8879	1.0597	0.4228
R9323500465	2	2/24/2025	\$ 439,600	\$ 495,000	2041	7	0.8881	0.4877	0.4209
R8954560091	2	8/29/2025	\$ 426,300	\$ 480,000	2041	7	0.8881	0.9523	0.4205
R8223770360	2	5/23/2025	\$ 444,300	\$ 500,000	2041	7	0.8886	0.3236	0.4158
R0573410170	2	7/25/2025	\$ 497,700	\$ 560,000	2041	7	0.8888	1.5417	0.4144
R9206000204	2	9/26/2025	\$ 431,200	\$ 485,000	2041	7	0.8891	0.7812	0.4112
R5315002610	2	6/30/2025	\$ 462,400	\$ 520,000	2041	7	0.8892	0.3087	0.4097
R7335540705	2	7/15/2025	\$ 461,700	\$ 519,000	2041	7	0.8896	0.2842	0.4061
R7335540220	2	5/22/2025	\$ 476,100	\$ 535,000	2041	7	0.8899	0.7872	0.4030
R7569500735	2	9/16/2025	\$ 489,400	\$ 549,900	2041	7	0.8900	1.2518	0.4023

R7335510145	2	8/28/2025	\$ 471,900	\$ 530,000	2041	7	0.8904	0.6405	0.3984
R8059150420	2	5/14/2025	\$ 489,600	\$ 549,000	26	7	0.8918	1.2588	0.3844
R2343850015	2	7/18/2025	\$ 460,200	\$ 516,000	2041	7	0.8919	0.2318	0.3839
R4432500772	2	5/12/2025	\$ 477,300	\$ 535,000	2041	7	0.8921	0.8291	0.3811
R7475970060	2	8/8/2025	\$ 490,800	\$ 550,000	26	7	0.8924	1.3007	0.3790
R5457430345	2	8/22/2025	\$ 477,500	\$ 535,000	2041	7	0.8925	0.8361	0.3774
R1525750390	2	5/6/2025	\$ 455,400	\$ 510,000	2041	7	0.8929	0.0641	0.3733
R5136900250	2	9/15/2025	\$ 410,700	\$ 459,900	2041	7	0.8930	1.4972	0.3725
R1317410100	2	11/8/2024	\$ 500,100	\$ 560,000	2041	7	0.8930	1.6255	0.3724
R2847050255	2	7/15/2025	\$ 468,900	\$ 525,000	2041	7	0.8931	0.5357	0.3713
R2391220460	2	3/5/2025	\$ 411,100	\$ 460,000	2041	7	0.8937	1.4833	0.3659
R1582200360	2	5/5/2025	\$ 464,200	\$ 519,000	2041	7	0.8944	0.3715	0.3589
R7335580265	2	3/27/2025	\$ 469,700	\$ 525,000	2041	7	0.8947	0.5636	0.3564
R0926000030	2	1/30/2025	\$ 487,600	\$ 545,000	2041	7	0.8947	1.1889	0.3563
R1280530575	2	4/17/2025	\$ 481,400	\$ 538,000	2041	7	0.8948	0.9723	0.3551
R5864330800	2	7/1/2025	\$ 505,600	\$ 564,900	2041	7	0.8950	1.8176	0.3529
R1625503560	2	4/18/2025	\$ 497,000	\$ 555,000	2041	7	0.8955	1.5172	0.3483
R1096160010	2	3/11/2025	\$ 461,400	\$ 515,000	2041	7	0.8959	0.2737	0.3441
R7626390360	2	3/14/2025	\$ 492,800	\$ 550,000	2041	7	0.8960	1.3705	0.3433
R7780511054	2	7/3/2025	\$ 430,900	\$ 480,792	2041	7	0.8962	0.7916	0.3411
R1280520140	2	7/2/2025	\$ 493,100	\$ 550,000	2041	7	0.8965	1.3810	0.3380
R8381650010	2	2/25/2025	\$ 484,700	\$ 540,000	2041	7	0.8976	1.0876	0.3277
R8127310092	2	11/12/2024	\$ 471,300	\$ 525,000	2041	7	0.8977	0.6195	0.3265
R8048240450	2	5/22/2025	\$ 448,000	\$ 499,000	1537	7	0.8978	0.1943	0.3257
R8048250100	2	7/24/2025	\$ 491,100	\$ 547,000	1537	7	0.8978	1.3112	0.3256
R4737660532	2	9/5/2025	\$ 463,700	\$ 516,000	2041	7	0.8986	0.3541	0.3174
R9818400500	2	8/28/2025	\$ 503,500	\$ 560,000	2041	7	0.8991	1.7443	0.3129
R5983380080	2	3/18/2025	\$ 440,500	\$ 489,900	2041	7	0.8992	0.4563	0.3123
R5125290080	2	4/21/2025	\$ 454,100	\$ 505,000	2041	7	0.8992	0.0187	0.3119
R5723000020	2	7/3/2025	\$ 503,700	\$ 560,000	2041	7	0.8995	1.7513	0.3094
R7046370040	2	5/23/2025	\$ 409,500	\$ 455,000	2041	7	0.9000	1.5391	0.3041
R9437960020	2	10/28/2024	\$ 477,100	\$ 530,000	2041	7	0.9002	0.8221	0.3023
R7909970190	2	10/25/2024	\$ 436,900	\$ 485,000	2041	7	0.9008	0.5821	0.2960
R2817790120	2	10/22/2024	\$ 428,000	\$ 474,900	2041	7	0.9012	0.8929	0.2919
R1525640850	2	6/20/2025	\$ 408,600	\$ 453,000	2041	7	0.9020	1.5706	0.2846
R3817020360	2	9/12/2025	\$ 413,200	\$ 458,000	2041	7	0.9022	1.4099	0.2827
R8521440390	2	7/22/2025	\$ 433,300	\$ 480,000	2041	7	0.9027	0.7078	0.2776
R1525720990	2	4/18/2025	\$ 409,000	\$ 452,500	2041	7	0.9039	1.5566	0.2662
R6876000169	2	6/10/2025	\$ 483,600	\$ 535,000	2041	7	0.9039	1.0492	0.2656
R5199110110	2	5/29/2025	\$ 456,700	\$ 505,000	2041	7	0.9044	0.1096	0.2614
R2734250735	2	3/3/2025	\$ 474,800	\$ 525,000	2041	7	0.9044	0.7418	0.2612
R5130002255	2	4/25/2025	\$ 425,200	\$ 470,000	2041	7	0.9047	0.9907	0.2582
R7909970210	2	3/11/2025	\$ 461,400	\$ 510,000	2041	7	0.9047	0.2737	0.2580
R2734250715	2	6/6/2025	\$ 451,500	\$ 499,000	2041	7	0.9048	0.0721	0.2570

R6890010140	2	4/10/2025	\$ 409,400	\$ 452,450	2041	7	0.9049	1.5426	0.2566
R1073760380	2	4/3/2025	\$ 475,200	\$ 525,000	1537	7	0.9051	0.7558	0.2537
R1096830010	2	3/28/2025	\$ 434,900	\$ 480,000	2041	7	0.9060	0.6519	0.2449
R2024320135	2	10/18/2024	\$ 410,500	\$ 453,000	2041	7	0.9062	1.5042	0.2435
R1043240380	2	10/17/2024	\$ 487,500	\$ 537,900	2041	7	0.9063	1.1854	0.2424
R7997040210	2	8/20/2025	\$ 444,300	\$ 490,000	2041	7	0.9067	0.3236	0.2381
R7704510240	2	12/20/2024	\$ 494,800	\$ 545,000	2041	7	0.9079	1.4404	0.2268
R2733040155	2	5/5/2025	\$ 445,000	\$ 490,000	2041	7	0.9082	0.2991	0.2241
R1376840180	2	10/22/2024	\$ 436,000	\$ 479,900	2041	7	0.9085	0.6135	0.2206
R7475820400	2	7/21/2025	\$ 486,300	\$ 535,000	26	7	0.9090	1.1435	0.2162
R3053000591	2	3/14/2025	\$ 491,000	\$ 540,000	2041	7	0.9093	1.3077	0.2134
R1376830400	2	10/29/2024	\$ 413,900	\$ 455,000	2041	7	0.9097	1.3854	0.2093
R7569500337	2	10/15/2024	\$ 464,300	\$ 510,000	2041	7	0.9104	0.3750	0.2023
R8378001800	2	7/22/2025	\$ 450,800	\$ 495,000	2041	7	0.9107	0.0965	0.1992
R2024303112	2	4/18/2025	\$ 480,900	\$ 528,000	2041	7	0.9108	0.9549	0.1983
R5136900130	2	7/31/2025	\$ 412,400	\$ 452,500	2041	7	0.9114	1.4378	0.1926
R1625504505	2	6/5/2025	\$ 492,300	\$ 540,000	2041	7	0.9117	1.3531	0.1898
R6985790050	2	5/30/2025	\$ 496,900	\$ 545,000	2041	7	0.9117	1.5137	0.1890
R1574000075	2	11/27/2024	\$ 492,400	\$ 539,900	2041	7	0.9120	1.3566	0.1863
R0619580140	2	7/15/2025	\$ 478,600	\$ 524,750	2041	7	0.9121	0.8745	0.1860
R6877160380	2	12/3/2024	\$ 433,200	\$ 474,900	26	7	0.9122	0.7113	0.1846
R2847050055	2	9/5/2025	\$ 451,600	\$ 495,000	2041	7	0.9123	0.0686	0.1833
R8043000340	2	3/26/2025	\$ 447,000	\$ 489,500	2041	7	0.9132	0.2293	0.1750
R7909960450	2	4/24/2025	\$ 484,000	\$ 530,000	2041	7	0.9132	1.0631	0.1747
R3046640170	2	10/30/2024	\$ 474,900	\$ 520,000	2041	7	0.9133	0.7453	0.1741
R6635500130	2	1/2/2025	\$ 422,400	\$ 462,400	2041	7	0.9135	1.0885	0.1719
R1526000030	2	11/4/2024	\$ 447,700	\$ 490,000	2041	7	0.9137	0.2048	0.1701
R7192000105	2	6/2/2025	\$ 438,700	\$ 480,000	2041	7	0.9140	0.5192	0.1673
R5915310840	2	11/15/2024	\$ 459,800	\$ 502,990	2041	7	0.9141	0.2178	0.1656
R7335540415	2	7/10/2025	\$ 457,100	\$ 500,000	2041	7	0.9142	0.1235	0.1650
R5864330720	2	9/8/2025	\$ 507,400	\$ 555,000	2041	7	0.9142	1.8805	0.1646
R6621000065	2	5/28/2025	\$ 450,900	\$ 492,990	2041	7	0.9146	0.0930	0.1608
R4221320155	2	8/29/2025	\$ 425,300	\$ 465,000	1537	7	0.9146	0.9872	0.1608
R9255000227	2	2/27/2025	\$ 503,200	\$ 550,000	2041	7	0.9149	1.7338	0.1580
R1943001210	2	7/17/2025	\$ 471,300	\$ 515,000	2041	7	0.9151	0.6195	0.1557
R5504620160	2	11/15/2024	\$ 434,700	\$ 475,000	2041	7	0.9152	0.6589	0.1556
R8954560260	2	4/24/2025	\$ 416,700	\$ 455,000	2041	7	0.9158	1.2876	0.1490
R8103710790	2	2/24/2025	\$ 453,400	\$ 495,000	2041	7	0.9160	0.0057	0.1477
R4737640254	2	1/22/2025	\$ 467,600	\$ 510,500	2041	7	0.9160	0.4903	0.1477
R5864321440	2	3/17/2025	\$ 503,900	\$ 550,000	2041	7	0.9162	1.7583	0.1455
R2391220400	2	12/19/2024	\$ 430,700	\$ 470,000	2041	7	0.9164	0.7986	0.1436
R1029250070	2	1/3/2025	\$ 444,600	\$ 485,000	2041	7	0.9167	0.3131	0.1404
R6793280070	2	3/13/2025	\$ 408,200	\$ 445,000	2041	7	0.9173	1.5845	0.1345
R1317410530	2	12/23/2024	\$ 412,800	\$ 450,000	2041	7	0.9173	1.4239	0.1342

R2854000260	2	12/13/2024	\$ 430,900	\$ 469,000	2041	7	0.9188	0.7916	0.1202
R1517590200	2	10/31/2024	\$ 471,000	\$ 512,500	2041	7	0.9190	0.6091	0.1177
R6045000145	2	12/16/2024	\$ 431,200	\$ 469,000	2041	7	0.9194	0.7812	0.1140
R6114500710	2	2/13/2025	\$ 469,100	\$ 510,000	2041	7	0.9198	0.5427	0.1100
R8048230320	2	7/2/2025	\$ 478,600	\$ 520,000	1537	7	0.9204	0.8745	0.1043
R1071000100	2	1/2/2025	\$ 430,400	\$ 467,500	2041	7	0.9206	0.8091	0.1018
R5136860260	2	8/15/2025	\$ 414,200	\$ 449,900	2041	7	0.9206	1.3750	0.1018
R4221300450	2	8/5/2025	\$ 483,400	\$ 525,000	1537	7	0.9208	1.0422	0.1006
R5915310700	2	11/15/2024	\$ 437,500	\$ 474,990	2041	7	0.9211	0.5611	0.0976
R1131500020	2	11/15/2024	\$ 436,600	\$ 474,000	2041	7	0.9211	0.5925	0.0974
R2024250165	2	9/22/2025	\$ 479,000	\$ 520,000	2041	7	0.9212	0.8885	0.0968
R2861870160	2	11/15/2024	\$ 456,000	\$ 495,000	2041	7	0.9212	0.0851	0.0962
R5125410350	2	10/24/2024	\$ 450,500	\$ 489,000	2041	7	0.9213	0.1070	0.0957
R8510560030	2	8/27/2025	\$ 502,100	\$ 545,000	2041	7	0.9213	1.6954	0.0955
R1582210150	2	10/10/2024	\$ 442,300	\$ 480,000	2041	7	0.9215	0.3934	0.0938
R9462500150	2	11/14/2024	\$ 465,600	\$ 505,125	2041	7	0.9218	0.4204	0.0909
R7335570260	2	6/2/2025	\$ 460,900	\$ 499,900	2041	7	0.9220	0.2563	0.0887
R2940700380	2	7/22/2025	\$ 428,800	\$ 465,000	26	7	0.9222	0.8650	0.0870
R4951000460	2	3/7/2025	\$ 502,700	\$ 545,000	2041	7	0.9224	1.7163	0.0847
R9414000060	2	3/17/2025	\$ 438,200	\$ 475,000	2041	7	0.9225	0.5366	0.0834
R0356001256	2	3/4/2025	\$ 452,200	\$ 490,000	2041	7	0.9229	0.0476	0.0801
R7335570520	2	9/26/2025	\$ 447,600	\$ 485,000	2041	7	0.9229	0.2083	0.0798
R6122250030	2	1/21/2025	\$ 475,500	\$ 515,000	2041	7	0.9233	0.7662	0.0758
R5125530355	2	3/14/2025	\$ 460,800	\$ 499,000	2041	7	0.9234	0.2528	0.0743
R2940700450	2	3/27/2025	\$ 415,700	\$ 449,990	26	7	0.9238	1.3226	0.0709
R8123001375	2	6/6/2025	\$ 457,300	\$ 495,000	2041	7	0.9238	0.1305	0.0705
R8275810370	2	10/29/2024	\$ 499,000	\$ 540,000	2041	7	0.9241	1.5871	0.0682
R7626380200	2	11/6/2024	\$ 498,300	\$ 539,000	2041	7	0.9245	1.5626	0.0641
R5461210045	2	5/16/2025	\$ 411,400	\$ 445,000	2041	7	0.9245	1.4728	0.0641
R6888370060	2	7/28/2025	\$ 430,400	\$ 465,500	2041	7	0.9246	0.8091	0.0631
R5130000596	2	3/14/2025	\$ 439,300	\$ 474,900	2041	7	0.9250	0.4982	0.0588
R7858030115	2	12/3/2024	\$ 495,000	\$ 534,900	2041	7	0.9254	1.4474	0.0551
R9255000295	2	6/9/2025	\$ 499,000	\$ 539,000	2041	7	0.9258	1.5871	0.0514
R1582250570	2	2/7/2025	\$ 421,200	\$ 454,900	2041	7	0.9259	1.1305	0.0501
R1077500210	2	5/9/2025	\$ 416,900	\$ 449,900	2041	7	0.9267	1.2807	0.0429
R7135410140	2	9/26/2025	\$ 458,700	\$ 494,900	2041	7	0.9269	0.1794	0.0409
R5457750010	2	6/27/2025	\$ 451,700	\$ 487,000	1537	7	0.9275	0.0651	0.0345
R1582270130	2	12/6/2024	\$ 473,200	\$ 509,900	2041	7	0.9280	0.6859	0.0295
R8123002401	2	6/23/2025	\$ 409,300	\$ 441,000	2041	7	0.9281	1.5461	0.0286
R0619580240	2	11/21/2024	\$ 485,300	\$ 522,500	2041	7	0.9288	1.1086	0.0218
R2858000960	2	8/22/2025	\$ 418,000	\$ 450,000	2041	7	0.9289	1.2422	0.0210
R2475000005	2	5/9/2025	\$ 418,100	\$ 450,000	2041	7	0.9291	1.2387	0.0188
R5457430440	2	12/2/2024	\$ 433,700	\$ 466,700	2041	7	0.9293	0.6938	0.0171
R5456501375	2	10/31/2024	\$ 481,400	\$ 518,000	2041	7	0.9293	0.9723	0.0165

R2833160020	2	7/31/2025	\$ 418,400	\$ 450,000	2041	7	0.9298	1.2283	0.0123
R4221320105	2	7/28/2025	\$ 460,400	\$ 495,000	1537	7	0.9301	0.2388	0.0091
R7856310030	2	7/17/2025	\$ 456,700	\$ 491,000	2041	7	0.9301	0.1096	0.0087
R6983000070	2	9/26/2025	\$ 465,300	\$ 500,000	2041	7	0.9306	0.4100	0.0042
R8048580140	2	11/4/2024	\$ 488,600	\$ 525,000	1537	7	0.9307	1.2238	0.0036
R5125400282	2	2/7/2025	\$ 484,200	\$ 520,000	2041	7	0.9312	1.0701	0.0012
R0908000003	2	11/27/2024	\$ 423,800	\$ 455,000	2041	7	0.9314	1.0396	0.0039
S1023223422	2	1/24/2025	\$ 447,100	\$ 480,000	2041	7	0.9315	0.2258	0.0042
R8525820020	2	12/31/2024	\$ 493,700	\$ 530,000	2041	7	0.9315	1.4020	0.0047
R2343850020	2	4/25/2025	\$ 459,700	\$ 493,500	2041	7	0.9315	0.2143	0.0047
R5461210060	2	12/16/2024	\$ 503,100	\$ 539,900	2041	7	0.9318	1.7303	0.0079
R7442000100	2	12/6/2024	\$ 411,300	\$ 441,375	2041	7	0.9319	1.4763	0.0081
R7195531160	2	10/3/2024	\$ 414,700	\$ 445,000	2041	7	0.9319	1.3575	0.0086
R8048010782	2	1/15/2025	\$ 475,800	\$ 510,000	2041	7	0.9329	0.7767	0.0187
R1582280190	2	11/25/2024	\$ 489,900	\$ 525,000	2041	7	0.9331	1.2692	0.0207
R2847050120	2	11/8/2024	\$ 492,800	\$ 528,000	2041	7	0.9333	1.3705	0.0226
R1472170140	2	9/16/2025	\$ 483,800	\$ 518,000	2041	7	0.9340	1.0562	0.0289
R8843000181	2	1/15/2025	\$ 496,900	\$ 532,000	2041	7	0.9340	1.5137	0.0293
R5606510030	2	7/22/2025	\$ 425,000	\$ 455,000	2041	7	0.9341	0.9977	0.0297
R2847230235	2	7/24/2025	\$ 462,400	\$ 495,000	1537	7	0.9341	0.3087	0.0305
R4223340100	2	12/3/2024	\$ 409,300	\$ 438,000	2041	7	0.9345	1.5461	0.0337
R0812970480	2	10/28/2024	\$ 444,100	\$ 474,990	2041	7	0.9350	0.3306	0.0386
R7475820480	2	12/9/2024	\$ 486,300	\$ 520,000	26	7	0.9352	1.1435	0.0408
R8583770440	2	11/14/2024	\$ 410,600	\$ 439,000	2041	7	0.9353	1.5007	0.0419
R6877160140	2	10/24/2024	\$ 411,500	\$ 439,900	2026	7	0.9354	1.4693	0.0432
R8813650220	2	11/27/2024	\$ 430,600	\$ 460,000	2041	7	0.9361	0.8021	0.0495
R6885580160	2	10/31/2024	\$ 444,700	\$ 475,000	1537	7	0.9362	0.3096	0.0507
R1294170110	2	10/23/2024	\$ 496,200	\$ 530,000	2041	7	0.9362	1.4893	0.0509
R7337002396	2	3/11/2025	\$ 445,100	\$ 475,000	2041	7	0.9371	0.2956	0.0590
R1580950510	2	10/17/2024	\$ 459,200	\$ 490,000	2041	7	0.9371	0.1969	0.0599
R1580960050	2	11/6/2024	\$ 435,800	\$ 465,000	2041	7	0.9372	0.6205	0.0605
R1077500050	2	1/10/2025	\$ 487,900	\$ 520,000	2041	7	0.9383	1.1994	0.0709
R4737710340	2	9/16/2025	\$ 431,700	\$ 460,000	2041	7	0.9385	0.7637	0.0730
R8103710910	2	2/13/2025	\$ 464,600	\$ 495,000	2041	7	0.9386	0.3855	0.0740
R5450370010	2	10/9/2024	\$ 413,000	\$ 439,900	2041	7	0.9388	1.4169	0.0766
R4221300940	2	1/9/2025	\$ 413,100	\$ 440,000	1537	7	0.9389	1.4134	0.0768
R1564620360	2	7/8/2025	\$ 446,000	\$ 475,000	2041	7	0.9389	0.2642	0.0776
R9466000070	2	12/13/2024	\$ 479,000	\$ 510,000	2041	7	0.9392	0.8885	0.0802
R3738760030	2	10/4/2024	\$ 455,600	\$ 485,000	2041	7	0.9394	0.0711	0.0818
R1043240340	2	10/30/2024	\$ 479,300	\$ 509,900	2041	7	0.9400	0.8990	0.0878
R2858000120	2	11/12/2024	\$ 470,100	\$ 500,000	2041	7	0.9402	0.5776	0.0898
R7074520060	2	2/25/2025	\$ 465,600	\$ 495,000	2041	7	0.9406	0.4204	0.0938
R6114500410	2	12/11/2024	\$ 504,300	\$ 536,000	2041	7	0.9409	1.7722	0.0963
R5315060060	2	11/1/2024	\$ 503,400	\$ 535,000	2041	7	0.9409	1.7408	0.0970

R4221330010	2	4/11/2025	\$ 441,700	\$ 469,000	1537	7	0.9418	0.4144	0.1054
R7406000395	2	2/14/2025	\$ 485,300	\$ 515,000	2041	7	0.9423	1.1086	0.1107
R1523280155	2	5/12/2025	\$ 433,500	\$ 459,999	2041	7	0.9424	0.7008	0.1113
R3273100300	2	12/12/2024	\$ 504,100	\$ 534,900	2041	7	0.9424	1.7652	0.1116
R5504610580	2	10/24/2024	\$ 409,100	\$ 434,000	2041	7	0.9426	1.5531	0.1136
R8521440400	2	5/30/2025	\$ 499,700	\$ 530,000	2041	7	0.9428	1.6116	0.1156
R5817210230	2	6/20/2025	\$ 448,100	\$ 475,000	2041	7	0.9434	0.1908	0.1209
R9242230020	2	10/4/2024	\$ 438,800	\$ 465,000	2041	7	0.9437	0.5157	0.1237
R8048240170	2	8/22/2025	\$ 432,300	\$ 458,000	1537	7	0.9439	0.7427	0.1260
R1523290270	2	11/3/2024	\$ 495,600	\$ 525,000	2041	7	0.9440	1.4683	0.1271
R1582280210	2	10/18/2024	\$ 495,600	\$ 525,000	2041	7	0.9440	1.4683	0.1271
R7858000075	2	3/6/2025	\$ 425,100	\$ 450,000	2041	7	0.9447	0.9942	0.1336
R1525600270	2	5/23/2025	\$ 470,500	\$ 498,000	2041	7	0.9448	0.5916	0.1347
R8318270040	2	5/1/2025	\$ 414,800	\$ 439,000	26	7	0.9449	1.3540	0.1357
R2486520040	2	3/20/2025	\$ 457,400	\$ 483,900	2041	7	0.9452	0.1340	0.1392
R8954560411	2	6/11/2025	\$ 425,600	\$ 450,000	2041	7	0.9458	0.9768	0.1445
R7777813910	2	2/20/2025	\$ 462,700	\$ 489,000	2041	7	0.9462	0.3191	0.1488
R4950500205	2	6/27/2025	\$ 459,000	\$ 485,000	2041	7	0.9464	0.1899	0.1505
R1657010340	2	9/11/2025	\$ 430,700	\$ 455,000	26	7	0.9466	0.7986	0.1525
R1283130060	2	1/17/2025	\$ 462,900	\$ 489,000	2041	7	0.9466	0.3261	0.1528
R6647640010	2	7/15/2025	\$ 489,500	\$ 517,000	2041	7	0.9468	1.2553	0.1546
S0628336415	2	6/16/2025	\$ 501,900	\$ 530,000	2041	7	0.9470	1.6884	0.1563
R8223770050	2	12/2/2024	\$ 473,400	\$ 499,900	2041	7	0.9470	0.6929	0.1564
R3268500073	2	6/2/2025	\$ 430,900	\$ 455,000	2046	7	0.9470	0.7916	0.1568
R8954560371	2	3/3/2025	\$ 412,000	\$ 434,900	2041	7	0.9473	1.4518	0.1599
R1955010635	2	10/9/2024	\$ 440,600	\$ 465,000	2041	7	0.9475	0.4528	0.1617
R5456500824	2	10/30/2024	\$ 455,100	\$ 480,000	2041	7	0.9481	0.0537	0.1675
R5417150080	2	12/9/2024	\$ 445,800	\$ 470,000	2041	7	0.9485	0.2712	0.1713
R0041120062	2	4/23/2025	\$ 462,900	\$ 488,000	2041	7	0.9486	0.3261	0.1718
R5504610470	2	5/23/2025	\$ 417,400	\$ 440,000	2041	7	0.9486	1.2632	0.1725
R2391230300	2	4/2/2025	\$ 493,400	\$ 520,000	2041	7	0.9488	1.3915	0.1746
R7475970040	2	1/10/2025	\$ 497,300	\$ 524,000	26	7	0.9490	1.5277	0.1765
R1277200035	2	3/27/2025	\$ 456,100	\$ 480,500	2041	7	0.9492	0.0886	0.1782
R6621000055	2	6/3/2025	\$ 450,900	\$ 475,000	2041	7	0.9493	0.0930	0.1787
R1376420380	2	6/2/2025	\$ 498,400	\$ 525,000	2041	7	0.9493	1.5661	0.1794
R1580710230	2	12/5/2024	\$ 408,200	\$ 429,900	2041	7	0.9495	1.5845	0.1812
R1608740820	2	11/21/2024	\$ 452,300	\$ 476,084	2041	7	0.9500	0.0441	0.1863
R2905670480	2	12/18/2024	\$ 441,900	\$ 465,000	2041	7	0.9503	0.4074	0.1890
R1624000262	2	2/20/2025	\$ 480,000	\$ 505,000	2041	7	0.9505	0.9234	0.1907
R0523730120	2	7/16/2025	\$ 418,800	\$ 440,000	2041	7	0.9518	1.2143	0.2037
R1955011061	2	12/27/2024	\$ 438,200	\$ 459,900	2041	7	0.9528	0.5366	0.2135
R8318270240	2	5/30/2025	\$ 433,600	\$ 454,900	26	7	0.9532	0.6973	0.2170
R5864320140	2	8/7/2025	\$ 464,700	\$ 487,500	2041	7	0.9532	0.3890	0.2175
R0310270210	2	6/16/2025	\$ 431,000	\$ 452,000	2041	7	0.9535	0.7881	0.2206

R8222710120	2	10/22/2024	\$ 416,700	\$ 437,000	1537	7	0.9535	1.2876	0.2206
R5456500520	2	6/6/2025	\$ 414,900	\$ 435,000	2041	7	0.9538	1.3505	0.2231
R5125540125	2	2/10/2025	\$ 459,000	\$ 481,000	2041	7	0.9543	0.1899	0.2277
R1278950140	2	4/22/2025	\$ 491,500	\$ 515,000	2041	7	0.9544	1.3251	0.2287
R1431970060	2	6/2/2025	\$ 443,900	\$ 465,000	26	7	0.9546	0.3375	0.2312
R2369170030	2	2/28/2025	\$ 415,300	\$ 435,000	2041	7	0.9547	1.3365	0.2321
R2024301628	2	12/23/2024	\$ 477,400	\$ 500,000	2041	7	0.9548	0.8326	0.2329
R2919020380	2	6/2/2025	\$ 438,700	\$ 459,435	2041	7	0.9549	0.5192	0.2336
R1749001970	2	10/3/2024	\$ 429,800	\$ 450,000	2041	7	0.9551	0.8301	0.2360
R3239040191	2	1/31/2025	\$ 480,800	\$ 502,500	2041	7	0.9568	0.9514	0.2527
R7451230080	2	2/12/2025	\$ 416,700	\$ 435,000	2041	7	0.9579	1.2876	0.2636
R0619580160	2	10/17/2024	\$ 485,700	\$ 507,000	2041	7	0.9580	1.1225	0.2642
R2847260075	2	12/2/2024	\$ 464,700	\$ 485,000	1537	7	0.9581	0.3890	0.2657
R7334190655	2	11/13/2024	\$ 425,900	\$ 444,350	2041	7	0.9585	0.9663	0.2690
R7119650230	2	2/21/2025	\$ 421,900	\$ 440,000	2041	7	0.9589	1.1060	0.2728
R1096190066	2	11/8/2024	\$ 465,200	\$ 485,000	2041	7	0.9592	0.4065	0.2758
S0634315355	2	10/31/2024	\$ 503,800	\$ 525,000	2041	7	0.9596	1.7548	0.2802
R5455010140	2	5/27/2025	\$ 460,700	\$ 480,000	2041	7	0.9598	0.2493	0.2818
R1358810130	2	12/16/2024	\$ 446,700	\$ 464,999	2041	7	0.9606	0.2397	0.2902
R5457600090	2	12/20/2024	\$ 437,100	\$ 455,000	2041	7	0.9607	0.5751	0.2904
R8992000065	2	5/13/2025	\$ 479,500	\$ 499,000	2041	7	0.9609	0.9060	0.2929
R8222580180	2	3/25/2025	\$ 491,200	\$ 511,000	2041	7	0.9613	1.3146	0.2962
R1251150010	2	10/21/2024	\$ 432,700	\$ 449,900	2041	7	0.9618	0.7288	0.3012
R0363790010	2	12/12/2024	\$ 481,000	\$ 500,000	2041	7	0.9620	0.9584	0.3035
R5315010970	2	6/20/2025	\$ 432,000	\$ 449,000	2041	7	0.9621	0.7532	0.3048
R8048240420	2	7/10/2025	\$ 442,700	\$ 460,000	1537	7	0.9624	0.3795	0.3073
R5504610190	2	9/16/2025	\$ 440,800	\$ 458,000	2041	7	0.9624	0.4458	0.3079
R1580261119	2	3/21/2025	\$ 428,700	\$ 445,000	2041	7	0.9634	0.8685	0.3169
R5450370020	2	6/26/2025	\$ 409,700	\$ 425,000	2041	7	0.9640	1.5322	0.3231
R8222620320	2	7/15/2025	\$ 456,500	\$ 473,500	2041	7	0.9641	0.1026	0.3240
R8222590170	2	5/30/2025	\$ 482,200	\$ 499,900	2041	7	0.9646	1.0003	0.3289
R1525710330	2	6/3/2025	\$ 414,000	\$ 429,000	2041	7	0.9650	1.3820	0.3332
R1608740880	2	10/9/2024	\$ 501,700	\$ 519,872	2041	7	0.9650	1.6814	0.3333
R8222620310	2	7/18/2025	\$ 463,300	\$ 480,000	2041	7	0.9652	0.3401	0.3349
R6877160580	2	12/23/2024	\$ 466,200	\$ 483,000	26	7	0.9652	0.4414	0.3350
R8439330260	2	12/2/2024	\$ 460,900	\$ 477,500	1537	7	0.9652	0.2563	0.3352
R6114510990	2	7/30/2025	\$ 473,200	\$ 490,000	2041	7	0.9657	0.6859	0.3399
R7133460270	2	10/23/2024	\$ 449,400	\$ 465,000	26	7	0.9665	0.1454	0.3471
R2919000150	2	3/17/2025	\$ 433,000	\$ 448,000	2041	7	0.9665	0.7183	0.3478
R1955020168	2	7/24/2025	\$ 466,300	\$ 481,900	2041	7	0.9676	0.4449	0.3586
R8222740070	2	12/18/2024	\$ 416,100	\$ 430,000	1537	7	0.9677	1.3086	0.3591
R5756500010	2	1/27/2025	\$ 435,900	\$ 450,000	2041	7	0.9687	0.6170	0.3688
R7192000060	2	9/9/2025	\$ 489,400	\$ 505,000	2041	7	0.9691	1.2518	0.3732
R5136870260	2	2/21/2025	\$ 417,300	\$ 429,999	2041	7	0.9705	1.2667	0.3865

R0998750060	2	5/16/2025	\$ 427,000	\$ 439,900	2041	7	0.9707	0.9279	0.3885
R0812971040	2	11/1/2024	\$ 427,100	\$ 440,000	2041	7	0.9707	0.9244	0.3886
R7074530220	2	6/20/2025	\$ 485,400	\$ 500,000	2041	7	0.9708	1.1121	0.3897
R5731000035	2	12/27/2024	\$ 412,700	\$ 425,000	2041	7	0.9711	1.4274	0.3923
R1184000210	2	3/25/2025	\$ 441,900	\$ 455,000	2041	7	0.9712	0.4074	0.3937
R1277200090	2	10/4/2024	\$ 437,300	\$ 450,000	2041	7	0.9718	0.5681	0.3993
R9511370200	2	11/15/2024	\$ 491,000	\$ 505,000	2041	7	0.9723	1.3077	0.4042
R7909960100	2	9/25/2025	\$ 437,600	\$ 450,000	2041	7	0.9724	0.5576	0.4058
R7100700370	2	7/3/2025	\$ 437,700	\$ 450,000	2041	7	0.9727	0.5541	0.4080
R5211700170	2	2/6/2025	\$ 419,200	\$ 430,500	2041	7	0.9738	1.2003	0.4187
R8048240070	2	7/31/2025	\$ 458,100	\$ 470,000	1537	7	0.9747	0.1585	0.4278
R4737640100	2	5/19/2025	\$ 434,600	\$ 445,000	2041	7	0.9766	0.6624	0.4469
R6284140340	2	2/3/2025	\$ 430,100	\$ 439,900	2041	7	0.9777	0.8196	0.4576
R1952000118	2	6/5/2025	\$ 410,700	\$ 420,000	2041	7	0.9779	1.4972	0.4589
R8123002357	2	8/26/2025	\$ 418,100	\$ 427,500	2041	7	0.9780	1.2387	0.4604
R8180960030	2	3/17/2025	\$ 496,100	\$ 507,000	2041	7	0.9785	1.4858	0.4652
R9322150140	2	7/14/2025	\$ 464,800	\$ 475,000	2041	7	0.9785	0.3925	0.4654
R1608740940	2	11/8/2024	\$ 435,900	\$ 444,990	2041	7	0.9796	0.6170	0.4757
S1122417284	2	9/15/2025	\$ 480,000	\$ 490,000	2041	7	0.9796	0.9234	0.4759
R2734250220	2	3/24/2025	\$ 489,700	\$ 499,900	2041	7	0.9796	1.2623	0.4759
R1574000080	2	2/26/2025	\$ 428,200	\$ 437,000	2041	7	0.9799	0.8859	0.4785
R9161000020	2	12/12/2024	\$ 425,300	\$ 434,000	2041	7	0.9800	0.9872	0.4794
R1952000022	2	10/15/2024	\$ 452,900	\$ 462,000	2041	7	0.9803	0.0232	0.4829
R5455010220	2	9/18/2025	\$ 490,300	\$ 500,000	2041	7	0.9806	1.2832	0.4858
S0632110142	2	2/14/2025	\$ 461,000	\$ 470,000	2041	7	0.9809	0.2598	0.4882
R2024320455	2	2/4/2025	\$ 459,200	\$ 468,000	2041	7	0.9812	0.1969	0.4916
R1525720930	2	11/4/2024	\$ 422,000	\$ 429,900	2041	7	0.9816	1.1025	0.4958
R7475800220	2	4/30/2025	\$ 441,900	\$ 450,000	26	7	0.9820	0.4074	0.4995
R0811500040	2	6/4/2025	\$ 500,900	\$ 510,000	2041	7	0.9822	1.6535	0.5010
R0310260720	2	3/17/2025	\$ 427,400	\$ 435,000	2041	7	0.9825	0.9139	0.5047
R1607690570	2	8/28/2025	\$ 505,100	\$ 514,000	1537	7	0.9827	1.8002	0.5062
R7997020146	2	11/20/2024	\$ 461,900	\$ 470,000	2041	7	0.9828	0.2912	0.5070
R1358810080	2	3/7/2025	\$ 457,000	\$ 465,000	2041	7	0.9828	0.1200	0.5073
R7133460490	2	4/16/2025	\$ 472,000	\$ 480,000	26	7	0.9833	0.6440	0.5126
R2733070185	2	7/7/2025	\$ 447,500	\$ 455,000	2041	7	0.9835	0.2118	0.5144
R3729000060	2	1/31/2025	\$ 491,800	\$ 500,000	2041	7	0.9836	1.3356	0.5152
R0812970900	2	10/11/2024	\$ 436,000	\$ 442,990	2041	7	0.9842	0.6135	0.5213
R1608250205	2	12/17/2024	\$ 482,300	\$ 490,000	2041	7	0.9843	1.0038	0.5219
R0830140440	2	10/10/2024	\$ 433,200	\$ 440,000	2041	7	0.9845	0.7113	0.5244
R7909960380	2	12/4/2024	\$ 473,100	\$ 480,000	2041	7	0.9856	0.6824	0.5350
R2039100765	2	9/5/2025	\$ 468,300	\$ 475,000	2041	7	0.9859	0.5147	0.5377
R8103700560	2	11/14/2024	\$ 419,400	\$ 425,000	2041	7	0.9868	1.1933	0.5468
R0539170400	2	7/9/2025	\$ 468,800	\$ 475,000	2041	7	0.9869	0.5322	0.5480
R5504610870	2	10/23/2024	\$ 474,100	\$ 480,000	2041	7	0.9877	0.7173	0.5554

R1955010421	2	7/31/2025	\$ 410,000	\$ 415,000	2041	7	0.9880	1.5217	0.5578
R8123003005	2	8/8/2025	\$ 448,700	\$ 454,000	2041	7	0.9883	0.1699	0.5615
R5457430632	2	2/24/2025	\$ 479,000	\$ 484,500	2041	7	0.9886	0.8885	0.5646
R9227500540	2	6/10/2025	\$ 484,500	\$ 490,000	2041	7	0.9888	1.0806	0.5659
R2597530110	2	4/10/2025	\$ 472,200	\$ 477,000	2041	7	0.9899	0.6510	0.5773
R5136890090	2	10/18/2024	\$ 440,700	\$ 445,000	2041	7	0.9903	0.4493	0.5812
R1525570120	2	10/11/2024	\$ 435,400	\$ 439,000	2041	7	0.9918	0.6345	0.5955
R8123003642	2	11/13/2024	\$ 466,200	\$ 470,000	2041	7	0.9919	0.4414	0.5967
R5646010195	2	2/12/2025	\$ 446,400	\$ 450,000	2041	7	0.9920	0.2502	0.5975
R1608740840	2	10/4/2024	\$ 501,700	\$ 505,655	2041	7	0.9922	1.6814	0.5992
R7923250180	2	8/13/2025	\$ 471,400	\$ 475,000	2041	7	0.9924	0.6230	0.6016
R3850200090	2	5/29/2025	\$ 455,900	\$ 459,000	2041	7	0.9932	0.0816	0.6097
R1582250200	2	9/22/2025	\$ 467,000	\$ 470,000	2041	7	0.9936	0.4693	0.6133
R7451250310	2	7/21/2025	\$ 502,000	\$ 505,000	2041	7	0.9941	1.6919	0.6177
R5125290110	2	9/25/2025	\$ 487,100	\$ 490,000	2041	7	0.9941	1.1714	0.6179
R7332850245	2	5/1/2025	\$ 432,700	\$ 435,000	2041	7	0.9947	0.7288	0.6241
R3606560080	2	3/5/2025	\$ 438,000	\$ 440,000	2041	7	0.9955	0.5436	0.6313
R8222730025	2	3/21/2025	\$ 438,000	\$ 440,000	2041	7	0.9955	0.5436	0.6313
R4737660140	2	11/19/2024	\$ 448,300	\$ 450,000	2041	7	0.9962	0.1839	0.6389
R1794180130	2	2/7/2025	\$ 436,400	\$ 438,000	2041	7	0.9963	0.5995	0.6401
R1071200270	2	6/2/2025	\$ 428,700	\$ 430,000	2041	7	0.9970	0.8685	0.6463
R6744250020	2	7/31/2025	\$ 483,700	\$ 485,000	2041	7	0.9973	1.0527	0.6496
R3219260050	2	3/21/2025	\$ 498,800	\$ 500,000	2041	7	0.9976	1.5801	0.6524
R3674170110	2	10/3/2024	\$ 430,100	\$ 431,000	2041	7	0.9979	0.8196	0.6554
R6793280110	2	6/30/2025	\$ 409,300	\$ 410,000	2041	7	0.9983	1.5461	0.6592
R8222700235	2	2/28/2025	\$ 464,700	\$ 465,000	1537	7	0.9994	0.3890	0.6696
R8103700610	2	4/3/2025	\$ 414,800	\$ 415,000	2041	7	0.9995	1.3540	0.6712
R2733010040	2	3/7/2025	\$ 427,000	\$ 427,000	2041	7	1.0000	0.9279	0.6759
R5130000205	2	12/18/2024	\$ 419,000	\$ 419,000	2041	7	1.0000	1.2073	0.6759
R5130003100	2	2/3/2025	\$ 435,000	\$ 435,000	2041	7	1.0000	0.6484	0.6759
R1580920090	2	12/11/2024	\$ 425,200	\$ 425,000	2041	7	1.0005	0.9907	0.6805
R4737710180	2	4/3/2025	\$ 470,400	\$ 470,000	2041	7	1.0009	0.5881	0.6842
R5793120030	2	10/3/2024	\$ 418,400	\$ 417,535	2041	7	1.0021	1.2283	0.6962
R7084240040	2	10/15/2024	\$ 430,900	\$ 430,000	2041	7	1.0021	0.7916	0.6964
R2330270100	2	12/20/2024	\$ 441,300	\$ 440,000	2041	7	1.0030	0.4284	0.7048
R4221320430	2	10/4/2024	\$ 436,900	\$ 435,400	1537	7	1.0034	0.5821	0.7097
S1007244600	2	10/23/2024	\$ 477,000	\$ 475,000	2041	7	1.0042	0.8186	0.7172
R1955001038	2	7/31/2025	\$ 441,000	\$ 439,000	2041	7	1.0046	0.4388	0.7205
R5125290010	2	9/9/2025	\$ 447,100	\$ 445,000	2041	7	1.0047	0.2258	0.7221
R7780512050	2	5/27/2025	\$ 462,200	\$ 459,900	2041	7	1.0050	0.3017	0.7249
R5130002003	2	10/25/2024	\$ 437,500	\$ 434,900	2041	7	1.0060	0.5611	0.7345
R7958770330	2	2/14/2025	\$ 443,300	\$ 440,000	26	7	1.0075	0.3585	0.7494
R8521440550	2	3/7/2025	\$ 494,000	\$ 490,000	2041	7	1.0082	1.4125	0.7559
R1952000046	2	5/28/2025	\$ 418,800	\$ 415,000	2041	7	1.0092	1.2143	0.7656

S1023244590	2	2/6/2025	\$ 428,900	\$ 425,000	2041	7	1.0092	0.8615	0.7658
R2940700280	2	11/13/2024	\$ 428,800	\$ 424,900	26	7	1.0092	0.8650	0.7658
R1376420060	2	8/21/2025	\$ 503,700	\$ 499,000	2041	7	1.0094	1.7513	0.7682
S1023212920	2	1/22/2025	\$ 447,400	\$ 443,000	2041	7	1.0099	0.2153	0.7732
R3817020370	2	10/22/2024	\$ 422,700	\$ 418,500	2041	7	1.0100	1.0781	0.7742
R6983000060	2	8/22/2025	\$ 423,400	\$ 419,000	2041	7	1.0105	1.0536	0.7788
R7195530840	2	12/11/2024	\$ 449,700	\$ 444,990	2041	7	1.0106	0.1350	0.7796
R8930000004	2	12/27/2024	\$ 488,200	\$ 482,500	2041	7	1.0118	1.2099	0.7917
R7533320190	2	8/6/2025	\$ 470,500	\$ 465,000	2041	7	1.0118	0.5916	0.7918
R0819650200	2	5/23/2025	\$ 420,300	\$ 415,000	2041	7	1.0128	1.1619	0.8011
R4219200495	2	6/20/2025	\$ 466,200	\$ 460,000	2041	7	1.0135	0.4414	0.8080
R7824160470	2	2/4/2025	\$ 495,700	\$ 489,000	2041	7	1.0137	1.4718	0.8102
R0812960620	2	11/7/2024	\$ 441,000	\$ 434,990	2041	7	1.0138	0.4388	0.8113
R5125800050	2	6/20/2025	\$ 496,800	\$ 490,000	2041	7	1.0139	1.5103	0.8119
R8222910280	2	10/30/2024	\$ 430,400	\$ 424,000	1537	7	1.0151	0.8091	0.8238
R3386000250	2	10/21/2024	\$ 431,400	\$ 424,900	2041	7	1.0153	0.7742	0.8258
R5303270240	2	5/23/2025	\$ 507,900	\$ 499,900	2041	7	1.0160	1.8980	0.8327
R7335550680	2	12/2/2024	\$ 416,800	\$ 410,000	2041	7	1.0166	1.2842	0.8384
R7334180501	2	6/13/2025	\$ 477,800	\$ 470,000	2041	7	1.0166	0.8466	0.8385
R1582270060	2	10/16/2024	\$ 441,900	\$ 434,650	2041	7	1.0167	0.4074	0.8394
R1582220240	2	5/12/2025	\$ 499,200	\$ 490,000	2041	7	1.0188	1.5941	0.8599
R0885280070	2	6/13/2025	\$ 433,100	\$ 425,000	2041	7	1.0191	0.7148	0.8627
R3719183605	2	12/30/2024	\$ 407,900	\$ 400,000	2041	7	1.0198	1.5950	0.8694
R1342000625	2	12/4/2024	\$ 448,900	\$ 440,000	2041	7	1.0202	0.1629	0.8741
R0812971000	2	11/7/2024	\$ 434,000	\$ 424,990	2041	7	1.0212	0.6834	0.8837
R1255000025	2	7/9/2025	\$ 491,000	\$ 480,000	2041	7	1.0229	1.3077	0.9005
R2733020070	2	3/7/2025	\$ 436,800	\$ 427,000	2041	7	1.0230	0.5855	0.9008
R2391220270	2	6/18/2025	\$ 496,400	\$ 485,000	2041	7	1.0235	1.4963	0.9062
R5279760410	2	3/3/2025	\$ 462,500	\$ 450,000	2041	7	1.0278	0.3122	0.9481
R1071140230	2	11/13/2024	\$ 464,000	\$ 449,900	2041	7	1.0313	0.3645	0.9830
R1184000215	2	4/7/2025	\$ 479,000	\$ 462,500	2041	7	1.0357	0.8885	1.0255
R7569500176	2	6/13/2025	\$ 434,800	\$ 419,000	2041	7	1.0377	0.6554	1.0454
R2330270160	2	2/13/2025	\$ 467,300	\$ 449,900	2041	7	1.0387	0.4798	1.0549
R5136900460	2	3/25/2025	\$ 447,100	\$ 430,000	2041	7	1.0398	0.2258	1.0656
R1525730830	2	9/30/2025	\$ 468,000	\$ 450,000	2041	7	1.0400	0.5043	1.0679
S1002233990	2	10/10/2024	\$ 489,600	\$ 470,000	2041	7	1.0417	1.2588	1.0846
R1754001705	2	6/18/2025	\$ 416,700	\$ 400,000	2041	7	1.0418	1.2876	1.0850
R1955001275	2	2/12/2025	\$ 465,400	\$ 445,000	2041	7	1.0458	0.4135	1.1252
R0812970940	2	11/15/2024	\$ 487,000	\$ 464,990	2041	7	1.0473	1.1679	1.1398
R1580710095	2	1/16/2025	\$ 430,000	\$ 410,000	2041	7	1.0488	0.8231	1.1539
R1077500310	2	7/25/2025	\$ 448,800	\$ 427,000	2041	7	1.0511	0.1664	1.1762
R2391230310	2	8/14/2025	\$ 473,100	\$ 450,000	2041	7	1.0513	0.6824	1.1790
R2940700320	2	9/22/2025	\$ 410,800	\$ 389,900	26	7	1.0536	1.4937	1.2012
R6890030006	2	5/5/2025	\$ 419,400	\$ 398,000	2041	7	1.0538	1.1933	1.2028

R7334000075	2	4/30/2025	\$ 476,900	\$ 450,000	2041	7	1.0598	0.8151	1.2617
R5136860360	2	10/29/2024	\$ 438,200	\$ 413,000	2041	7	1.0610	0.5366	1.2739
R2858000905	2	10/11/2024	\$ 482,000	\$ 453,315	2041	7	1.0633	0.9933	1.2960
R4432500465	2	10/1/2024	\$ 500,000	\$ 469,900	2041	7	1.0641	1.6220	1.3036
R0719420130	2	5/29/2025	\$ 430,200	\$ 404,000	2041	7	1.0649	0.8161	1.3114
R7074530280	2	3/17/2025	\$ 453,000	\$ 425,000	2041	7	1.0659	0.0197	1.3215
R1342100170	2	8/20/2025	\$ 430,800	\$ 404,000	2041	7	1.0663	0.7951	1.3260
R5136840070	2	6/13/2025	\$ 463,900	\$ 435,000	2041	7	1.0664	0.3611	1.3270
R5315004005	2	1/10/2025	\$ 412,200	\$ 385,750	2041	7	1.0686	1.4448	1.3479
R1059500027	2	10/31/2024	\$ 468,100	\$ 438,000	2041	7	1.0687	0.5078	1.3494
R5315080060	2	12/3/2024	\$ 507,700	\$ 475,000	2041	7	1.0688	1.8910	1.3506
R7335510305	2	8/1/2025	\$ 445,000	\$ 415,000	2041	7	1.0723	0.2991	1.3843
S0628325690	2	3/27/2025	\$ 427,000	\$ 398,000	2041	7	1.0729	0.9279	1.3900
R1753001173	2	2/28/2025	\$ 414,900	\$ 385,000	2048	7	1.0777	1.3505	1.4370
R3273500036	2	10/7/2024	\$ 416,100	\$ 385,500	2041	7	1.0794	1.3086	1.4538
R2336500004	2	9/11/2025	\$ 466,300	\$ 432,000	2041	7	1.0794	0.4449	1.4540
R6635500358	2	10/31/2024	\$ 453,400	\$ 420,000	2041	7	1.0795	0.0057	1.4552
R3157170080	2	8/18/2025	\$ 438,500	\$ 405,000	2041	7	1.0827	0.5262	1.4865
R1580700185	2	8/26/2025	\$ 450,000	\$ 415,175	2041	7	1.0839	0.1245	1.4979
R7777814460	2	11/20/2024	\$ 434,500	\$ 400,000	2041	7	1.0863	0.6659	1.5212
R3459570020	2	8/28/2025	\$ 413,200	\$ 380,000	2041	7	1.0874	1.4099	1.5321
R8442250090	2	11/25/2024	\$ 457,600	\$ 420,000	2041	7	1.0895	0.1410	1.5532
R1401520020	2	7/30/2025	\$ 419,800	\$ 384,000	2041	7	1.0932	1.1794	1.5895
R5611010320	2	6/6/2025	\$ 453,700	\$ 415,000	26	7	1.0933	0.0048	1.5898
R8382000855	2	5/2/2025	\$ 503,300	\$ 460,000	2041	7	1.0941	1.7373	1.5984
R5611010260	2	9/19/2025	\$ 449,000	\$ 410,000	26	7	1.0951	0.1594	1.6081
R8275810580	2	1/31/2025	\$ 504,400	\$ 459,900	2041	7	1.0968	1.7757	1.6242
R8378002080	2	1/24/2025	\$ 425,100	\$ 387,000	2041	7	1.0984	0.9942	1.6407
R1029270070	2	9/19/2025	\$ 503,000	\$ 457,400	2041	7	1.0997	1.7268	1.6529
R2858000709	2	10/18/2024	\$ 498,000	\$ 450,000	2041	7	1.1067	1.5522	1.7212
R5457430090	2	11/26/2024	\$ 465,100	\$ 420,000	2041	7	1.1074	0.4030	1.7282
R4303000592	2	10/18/2024	\$ 411,800	\$ 371,000	2041	7	1.1100	1.4588	1.7536
S1126336005	2	8/26/2025	\$ 477,400	\$ 430,000	1234	7	1.1102	0.8326	1.7562
R7777805880	2	4/30/2025	\$ 425,600	\$ 383,000	2041	7	1.1112	0.9768	1.7659
R8103260030	2	11/4/2024	\$ 434,100	\$ 390,000	2041	7	1.1131	0.6799	1.7841
R1088110440	2	6/20/2025	\$ 480,800	\$ 430,500	2041	7	1.1168	0.9514	1.8209
R1955010300	2	8/22/2025	\$ 503,200	\$ 450,000	2041	7	1.1182	1.7338	1.8345
R1582210360	2	11/1/2024	\$ 454,000	\$ 405,000	2041	7	1.1210	0.0152	1.8616
R8127310150	2	4/3/2025	\$ 484,700	\$ 425,000	2041	7	1.1405	1.0876	2.0525
R1402370040	2	6/19/2025	\$ 411,700	\$ 360,000	2041	7	1.1436	1.4623	2.0833
R4548530260	2	11/22/2024	\$ 474,900	\$ 405,000	2041	7	1.1726	0.7453	2.3673
R6045250100	2	5/30/2025	\$ 450,500	\$ 380,000	2041	7	1.1855	0.1070	2.4941
R5039000090	2	4/4/2025	\$ 419,700	\$ 353,000	2041	7	1.1890	1.1829	2.5276
R1310820020	2	1/10/2025	\$ 489,800	\$ 406,000	2041	7	1.2064	1.2657	2.6987

R6793250330	2	5/30/2025	\$ 412,600	\$ 339,500	2041	7	1.2153	1.4309	2.7860
R9225500220	2	9/4/2025	\$ 457,600	\$ 375,000	2041	7	1.2203	0.1410	2.8345
R5831000050	2	12/13/2024	\$ 469,700	\$ 375,000	2041	7	1.2525	0.5636	3.1507
R4997770040	2	9/24/2025	\$ 414,100	\$ 320,000	2041	7	1.2941	1.3785	3.5577
R1376850160	2	12/27/2024	\$ 430,300	\$ 330,000	2041	7	1.3039	0.8126	3.6545
R1754001985	2	8/15/2025	\$ 502,300	\$ 380,000	2041	7	1.3218	1.7024	3.8300
R1580361540	2	10/4/2024	\$ 447,600	\$ 300,000	2041	7	1.4920	0.2083	5.4975
R5315010550	2	8/4/2025	\$ 503,000	\$ 295,000	2041	7	1.7051	1.7268	7.5858
R7917490060	3	3/14/2025	\$ 616,300	\$1,070,000	26	7	0.5760	0.9299	3.2049
S0627449250	3	3/10/2025	\$ 642,900	\$1,100,000	2041	7	0.5845	1.5456	3.1255
R3616500200	3	8/6/2025	\$ 642,000	\$1,060,000	2041	7	0.6057	1.5248	2.9269
R8112008180	3	1/6/2025	\$ 571,500	\$ 925,000	2041	7	0.6178	0.1071	2.8128
R2858000890	3	6/30/2025	\$ 510,200	\$ 825,000	2041	7	0.6184	1.5260	2.8073
R6120401990	3	6/6/2025	\$ 624,000	\$ 989,000	2041	7	0.6309	1.1081	2.6900
S0619244390	3	6/27/2025	\$ 449,500	\$ 700,000	20	7	0.6421	2.9311	2.5851
R3616510325	3	9/12/2025	\$ 651,400	\$ 998,900	2041	7	0.6521	1.7424	2.4916
R9227502160	3	3/7/2025	\$ 554,600	\$ 830,000	2041	7	0.6682	0.4983	2.3410
R1088000345	3	8/21/2025	\$ 616,300	\$ 918,000	2041	7	0.6714	0.9299	2.3115
R1096251991	3	12/27/2024	\$ 534,800	\$ 790,000	2041	7	0.6770	0.9566	2.2589
R2348750360	3	8/22/2025	\$ 546,900	\$ 805,000	2041	7	0.6794	0.6765	2.2362
R7486100250	3	6/10/2025	\$ 541,000	\$ 795,000	1537	7	0.6805	0.8131	2.2257
R1955011255	3	5/30/2025	\$ 562,900	\$ 825,000	2041	7	0.6823	0.3062	2.2088
R8043270460	3	4/30/2025	\$ 621,300	\$ 910,000	1537	7	0.6827	1.0457	2.2047
R9470010065	3	7/2/2025	\$ 519,600	\$ 749,900	2041	7	0.6929	1.3085	2.1096
R1126001865	3	9/4/2025	\$ 545,200	\$ 775,000	2041	7	0.7035	0.7159	2.0104
R8442250078	3	5/23/2025	\$ 626,400	\$ 890,000	2041	7	0.7038	1.1637	2.0073
R5459800010	3	6/6/2025	\$ 514,200	\$ 720,000	1537	7	0.7142	1.4335	1.9103
S1020141840	3	7/15/2025	\$ 586,200	\$ 820,000	2041	7	0.7149	0.2332	1.9037
R3616650085	3	4/18/2025	\$ 645,500	\$ 900,000	2041	7	0.7172	1.6058	1.8817
S0633234050	3	5/30/2025	\$ 575,600	\$ 800,000	2041	7	0.7195	0.0122	1.8604
R0843340100	3	8/5/2025	\$ 649,100	\$ 895,000	2041	7	0.7253	1.6892	1.8065
R7448230390	3	6/6/2025	\$ 538,800	\$ 739,000	2041	7	0.7291	0.8640	1.7705
R1625503830	3	5/30/2025	\$ 624,500	\$ 850,000	2041	7	0.7347	1.1197	1.7179
R2847270190	3	6/2/2025	\$ 617,900	\$ 835,000	1537	7	0.7400	0.9669	1.6683
R7854500160	3	8/8/2025	\$ 596,300	\$ 800,000	2041	7	0.7454	0.4670	1.6180
R1277140110	3	8/26/2025	\$ 640,800	\$ 855,000	2041	7	0.7495	1.4970	1.5796
R1608250340	3	3/28/2025	\$ 508,000	\$ 675,000	2041	7	0.7526	1.5770	1.5503
R2336000444	3	8/29/2025	\$ 607,700	\$ 800,000	2041	7	0.7596	0.7308	1.4845
R1178960130	3	9/26/2025	\$ 546,900	\$ 715,000	2041	7	0.7649	0.6765	1.4351
R1608250248	3	2/20/2025	\$ 555,500	\$ 725,000	2041	7	0.7662	0.4775	1.4228
R2039251205	3	3/26/2025	\$ 574,300	\$ 748,000	2041	7	0.7678	0.0423	1.4081
S0628336092	3	12/4/2024	\$ 491,600	\$ 640,000	2041	7	0.7681	1.9566	1.4048
R2039251425	3	7/10/2025	\$ 595,400	\$ 775,000	2041	7	0.7683	0.4461	1.4036
R1376420360	3	5/30/2025	\$ 547,500	\$ 710,000	2041	7	0.7711	0.6626	1.3767

R1525770160	3	7/17/2025	\$ 602,000	\$ 780,000	2041	7	0.7718	0.5989	1.3704
R8510500060	3	11/20/2024	\$ 621,300	\$ 805,000	2041	7	0.7718	1.0457	1.3704
R7909010090	3	6/25/2025	\$ 599,000	\$ 775,000	2041	7	0.7729	0.5295	1.3601
R7085510012	3	7/17/2025	\$ 618,500	\$ 800,000	2041	7	0.7731	0.9808	1.3580
R7475860330	3	7/22/2025	\$ 657,300	\$ 849,900	2041	7	0.7734	1.8790	1.3555
R1580720680	3	11/8/2024	\$ 526,600	\$ 680,000	2041	7	0.7744	1.1464	1.3459
R2919000810	3	7/15/2025	\$ 526,800	\$ 680,000	2041	7	0.7747	1.1418	1.3432
R5710430240	3	7/18/2025	\$ 532,200	\$ 685,000	2041	7	0.7769	1.0168	1.3223
R5299000770	3	5/22/2025	\$ 522,600	\$ 670,000	2041	7	0.7800	1.2390	1.2936
R2847060085	3	8/15/2025	\$ 530,500	\$ 680,000	2041	7	0.7801	1.0561	1.2922
R3641750163	3	8/29/2025	\$ 629,500	\$ 805,777	2041	7	0.7812	1.2355	1.2820
R2024300770	3	7/11/2025	\$ 652,500	\$ 833,000	2041	7	0.7833	1.7679	1.2625
R1059500028	3	10/31/2024	\$ 533,200	\$ 680,000	2041	7	0.7841	0.9936	1.2550
R2884020020	3	6/16/2025	\$ 639,100	\$ 815,000	2041	7	0.7842	1.4577	1.2545
R2320550230	3	9/12/2025	\$ 539,400	\$ 685,000	2041	7	0.7874	0.8501	1.2238
R8112001225	3	4/25/2025	\$ 568,000	\$ 720,500	2041	7	0.7883	0.1881	1.2154
R9380730210	3	6/6/2025	\$ 571,600	\$ 725,000	26	7	0.7884	0.1048	1.2148
R1077510115	3	6/11/2025	\$ 536,300	\$ 680,000	2041	7	0.7887	0.9219	1.2123
R5315250080	3	7/30/2025	\$ 561,200	\$ 710,000	2041	7	0.7904	0.3455	1.1959
R0843340600	3	7/22/2025	\$ 631,600	\$ 799,000	2041	7	0.7905	1.2841	1.1953
R2039190030	3	4/28/2025	\$ 516,200	\$ 652,000	2041	7	0.7917	1.3872	1.1838
R1955041240	3	4/30/2025	\$ 538,400	\$ 680,000	2041	7	0.7918	0.8733	1.1834
R6026040055	3	9/10/2025	\$ 531,600	\$ 670,000	2041	7	0.7934	1.0307	1.1677
R6026040035	3	4/21/2025	\$ 583,100	\$ 734,900	2041	7	0.7934	0.1614	1.1677
R8501360010	3	2/7/2025	\$ 516,100	\$ 650,000	2041	7	0.7940	1.3895	1.1624
R0843330040	3	6/30/2025	\$ 614,500	\$ 770,000	2041	7	0.7981	0.8882	1.1245
R5125640160	3	9/5/2025	\$ 599,400	\$ 750,000	2041	7	0.7992	0.5387	1.1137
R7448230020	3	10/11/2024	\$ 519,900	\$ 650,000	2041	7	0.7998	1.3015	1.1076
R8036130070	3	7/23/2025	\$ 544,300	\$ 680,000	2041	7	0.8004	0.7367	1.1021
R5125500285	3	6/20/2025	\$ 561,000	\$ 700,000	2041	7	0.8014	0.3501	1.0928
R3432380040	3	8/13/2025	\$ 633,600	\$ 790,000	2041	7	0.8020	1.3304	1.0872
R5457430390	3	1/3/2025	\$ 618,200	\$ 769,900	2041	7	0.8030	0.9739	1.0785
R3239500352	3	10/31/2024	\$ 520,100	\$ 647,000	2041	7	0.8039	1.2969	1.0700
R0310000212	3	12/10/2024	\$ 647,500	\$ 805,000	2041	7	0.8043	1.6521	1.0655
R0925500100	3	7/18/2025	\$ 536,200	\$ 665,000	2041	7	0.8063	0.9242	1.0470
R7476280020	3	4/10/2025	\$ 576,700	\$ 715,000	2041	7	0.8066	0.0133	1.0446
R6983120280	3	7/23/2025	\$ 544,700	\$ 675,000	26	7	0.8070	0.7275	1.0410
R9686560310	3	9/16/2025	\$ 606,000	\$ 750,000	2041	7	0.8080	0.6915	1.0313
S0536244400	3	9/5/2025	\$ 574,700	\$ 710,000	2041	7	0.8094	0.0330	1.0178
R0805500320	3	10/8/2024	\$ 615,600	\$ 760,000	2041	7	0.8100	0.9137	1.0125
R7569500415	3	1/31/2025	\$ 529,900	\$ 654,000	2041	7	0.8102	1.0700	1.0102
R0805870370	3	8/5/2025	\$ 600,500	\$ 739,900	2041	7	0.8116	0.5642	0.9976
R5315080050	3	4/28/2025	\$ 580,600	\$ 715,000	2041	7	0.8120	0.1035	0.9935
R7475860260	3	6/30/2025	\$ 630,600	\$ 775,000	2041	7	0.8137	1.2609	0.9781

R7475860140	3	6/17/2025	\$ 630,900	\$ 775,000	2041	7	0.8141	1.2679	0.9744
R1073760170	3	5/5/2025	\$ 531,800	\$ 650,000	1537	7	0.8182	1.0261	0.9361
R1625504060	3	12/23/2024	\$ 566,200	\$ 691,000	2041	7	0.8194	0.2298	0.9245
R0805870065	3	3/20/2025	\$ 600,500	\$ 729,900	2041	7	0.8227	0.5642	0.8934
R5713430170	3	9/30/2025	\$ 657,800	\$ 799,000	2041	7	0.8233	1.8905	0.8881
R5125520335	3	8/5/2025	\$ 568,300	\$ 690,000	2041	7	0.8236	0.1812	0.8849
S1002234040	3	10/3/2024	\$ 511,100	\$ 620,500	2041	7	0.8237	1.5052	0.8843
R1171010030	3	12/31/2024	\$ 650,800	\$ 790,000	1537	7	0.8238	1.7285	0.8833
S0628336142	3	7/11/2025	\$ 523,200	\$ 635,000	2041	7	0.8239	1.2251	0.8820
R5457760100	3	6/6/2025	\$ 564,600	\$ 685,000	1537	7	0.8242	0.2668	0.8792
R5125810050	3	6/23/2025	\$ 537,900	\$ 651,900	2041	7	0.8251	0.8849	0.8708
R1525740950	3	5/27/2025	\$ 536,400	\$ 649,990	2041	7	0.8252	0.9196	0.8697
R9686560214	3	5/23/2025	\$ 508,400	\$ 615,000	2041	7	0.8267	1.5677	0.8564
R8582250110	3	1/30/2025	\$ 537,400	\$ 650,000	2041	7	0.8268	0.8964	0.8554
R9227500645	3	7/2/2025	\$ 587,200	\$ 709,000	2041	7	0.8282	0.2563	0.8419
R7626390240	3	4/18/2025	\$ 521,800	\$ 629,900	2041	7	0.8284	1.2575	0.8403
R7334201220	3	6/27/2025	\$ 543,100	\$ 655,000	2041	7	0.8292	0.7645	0.8330
R9686570340	3	5/27/2025	\$ 518,400	\$ 625,000	2041	7	0.8294	1.3362	0.8304
R1719540010	3	4/9/2025	\$ 589,100	\$ 710,000	2041	7	0.8297	0.3003	0.8278
R9227790010	3	5/1/2025	\$ 643,500	\$ 775,000	2041	7	0.8303	1.5595	0.8221
R8036130160	3	8/15/2025	\$ 528,200	\$ 635,000	2041	7	0.8318	1.1094	0.8082
R1342000395	3	3/31/2025	\$ 562,400	\$ 675,000	2041	7	0.8332	0.3177	0.7953
R6905510070	3	5/2/2025	\$ 520,900	\$ 624,900	2041	7	0.8336	1.2784	0.7917
R6042371120	3	5/30/2025	\$ 633,000	\$ 759,000	1537	7	0.8340	1.3165	0.7877
R5125520015	3	8/8/2025	\$ 618,600	\$ 739,900	2041	7	0.8361	0.9832	0.7684
R1279000025	3	1/17/2025	\$ 524,200	\$ 626,800	2041	7	0.8363	1.2020	0.7660
R1943001150	3	5/22/2025	\$ 615,100	\$ 734,900	2041	7	0.8370	0.9021	0.7597
R9227100430	3	6/5/2025	\$ 586,100	\$ 700,000	2041	7	0.8373	0.2309	0.7569
R2320000350	3	8/7/2025	\$ 577,900	\$ 690,000	2041	7	0.8375	0.0410	0.7545
R2847250030	3	5/28/2025	\$ 526,900	\$ 629,000	1537	7	0.8377	1.1395	0.7532
R8177360020	3	9/23/2025	\$ 650,000	\$ 775,000	2041	7	0.8387	1.7100	0.7436
R7858010271	3	5/8/2025	\$ 629,200	\$ 749,900	2041	7	0.8390	1.2285	0.7404
R5125650300	3	3/10/2025	\$ 587,100	\$ 699,000	2041	7	0.8399	0.2540	0.7323
R5279760390	3	3/28/2025	\$ 609,400	\$ 725,000	2041	7	0.8406	0.7702	0.7263
R2847050285	3	10/3/2024	\$ 589,200	\$ 700,000	2041	7	0.8417	0.3026	0.7154
R8048680850	3	11/6/2024	\$ 598,600	\$ 710,000	2041	7	0.8431	0.5202	0.7024
R8470640340	3	5/9/2025	\$ 634,600	\$ 750,000	2041	7	0.8461	1.3535	0.6740
R7476770170	3	9/16/2025	\$ 634,900	\$ 750,000	2041	7	0.8465	1.3605	0.6703
R1580950190	3	7/10/2025	\$ 606,000	\$ 715,000	2041	7	0.8476	0.6915	0.6607
R8043260010	3	9/12/2025	\$ 593,700	\$ 700,000	1537	7	0.8481	0.4068	0.6552
R0805870130	3	5/30/2025	\$ 600,500	\$ 707,400	2041	7	0.8489	0.5642	0.6482
R6026010045	3	10/16/2024	\$ 577,300	\$ 680,000	2041	7	0.8490	0.0272	0.6474
R3616530060	3	11/12/2024	\$ 628,500	\$ 740,000	2041	7	0.8493	1.2123	0.6441
R7326780145	3	6/13/2025	\$ 523,100	\$ 615,000	2041	7	0.8506	1.2274	0.6324

R1808500640	3	5/12/2025	\$ 638,000	\$ 750,000	2041	7	0.8507	1.4322	0.6315
R2734250255	3	10/31/2024	\$ 584,400	\$ 686,424	2041	7	0.8514	0.1915	0.6250
R3510000145	3	10/31/2024	\$ 532,600	\$ 625,000	2041	7	0.8522	1.0075	0.6175
R1580700065	3	3/28/2025	\$ 598,800	\$ 701,000	2041	7	0.8542	0.5248	0.5984
R9322750920	3	9/24/2025	\$ 573,800	\$ 670,000	2041	7	0.8564	0.0539	0.5777
R1525750640	3	2/7/2025	\$ 526,900	\$ 615,000	2041	7	0.8567	1.1395	0.5746
R8048190020	3	1/10/2025	\$ 619,600	\$ 722,500	1537	7	0.8576	1.0063	0.5668
R5125650200	3	4/18/2025	\$ 553,500	\$ 645,000	2041	7	0.8581	0.5238	0.5615
R0843340320	3	2/20/2025	\$ 600,900	\$ 699,900	2041	7	0.8586	0.5734	0.5577
R5125500400	3	3/14/2025	\$ 539,700	\$ 628,500	2041	7	0.8587	0.8432	0.5562
R9227500180	3	9/15/2025	\$ 624,400	\$ 725,000	2041	7	0.8612	1.1174	0.5325
R3616410020	3	7/14/2025	\$ 542,700	\$ 630,000	2041	7	0.8614	0.7737	0.5307
R5915311200	3	9/26/2025	\$ 516,100	\$ 599,000	2041	7	0.8616	1.3895	0.5291
R2734251195	3	11/8/2024	\$ 646,200	\$ 749,900	2041	7	0.8617	1.6220	0.5280
R1317410720	3	7/10/2025	\$ 550,900	\$ 639,000	2041	7	0.8621	0.5839	0.5242
R1955011214	3	8/29/2025	\$ 560,300	\$ 649,900	2041	7	0.8621	0.3663	0.5241
R2734250115	3	3/17/2025	\$ 582,400	\$ 675,000	2041	7	0.8628	0.1452	0.5177
R2847050275	3	7/14/2025	\$ 513,900	\$ 594,000	2041	7	0.8652	1.4404	0.4958
R1754001466	3	8/8/2025	\$ 514,500	\$ 594,500	2041	7	0.8654	1.4265	0.4932
R1126002955	3	4/15/2025	\$ 649,500	\$ 750,000	2041	7	0.8660	1.6984	0.4879
R5836500120	3	8/18/2025	\$ 520,400	\$ 600,000	2041	7	0.8673	1.2899	0.4754
R3610320060	3	1/30/2025	\$ 514,200	\$ 592,000	26	7	0.8686	1.4335	0.4637
R1023290480	3	8/13/2025	\$ 608,700	\$ 700,000	2041	7	0.8696	0.7540	0.4544
R7448230310	3	6/6/2025	\$ 623,500	\$ 717,000	2041	7	0.8696	1.0966	0.4542
R1580720790	3	2/14/2025	\$ 535,900	\$ 615,000	2041	7	0.8714	0.9312	0.4375
R6983120290	3	4/16/2025	\$ 553,500	\$ 635,000	26	7	0.8717	0.5238	0.4349
R7594000035	3	6/3/2025	\$ 563,600	\$ 645,000	2041	7	0.8738	0.2900	0.4148
R9511380940	3	6/17/2025	\$ 596,400	\$ 682,500	2041	7	0.8738	0.4693	0.4144
R1525630410	3	1/16/2025	\$ 531,600	\$ 608,000	2041	7	0.8743	1.0307	0.4097
R5125500435	3	5/30/2025	\$ 568,900	\$ 650,000	2041	7	0.8752	0.1673	0.4014
S0619325561	3	1/2/2025	\$ 534,400	\$ 610,000	2041	7	0.8761	0.9659	0.3936
R8048730840	3	10/29/2024	\$ 629,200	\$ 718,000	2041	7	0.8763	1.2285	0.3912
R7074610040	3	11/1/2024	\$ 520,800	\$ 594,000	2041	7	0.8768	1.2807	0.3870
S0634233800	3	5/27/2025	\$ 561,200	\$ 639,900	2041	7	0.8770	0.3455	0.3847
R2320500491	3	7/28/2025	\$ 570,200	\$ 650,000	2041	7	0.8772	0.1372	0.3827
R1073250110	3	4/22/2025	\$ 570,700	\$ 649,900	2041	7	0.8781	0.1256	0.3742
R7626390420	3	9/30/2025	\$ 514,200	\$ 585,000	2041	7	0.8790	1.4335	0.3663
R7476260120	3	5/21/2025	\$ 545,500	\$ 619,900	2041	7	0.8800	0.7089	0.3569
R7334201310	3	4/17/2025	\$ 514,800	\$ 585,000	2048	7	0.8800	1.4196	0.3567
R5300530400	3	3/31/2025	\$ 528,600	\$ 600,000	2041	7	0.8810	1.1001	0.3474
S1002234000	3	12/4/2024	\$ 643,300	\$ 730,000	2041	7	0.8812	1.5549	0.3452
R7104000620	3	11/25/2024	\$ 599,600	\$ 680,000	2041	7	0.8818	0.5433	0.3402
R0518000400	3	6/20/2025	\$ 557,600	\$ 632,000	2041	7	0.8823	0.4288	0.3354
R7334190468	3	3/31/2025	\$ 529,400	\$ 599,900	2041	7	0.8825	1.0816	0.3335

R5709190030	3	4/9/2025	\$ 520,500	\$ 589,000	26	7	0.8837	1.2876	0.3221
R6042361320	3	5/15/2025	\$ 627,700	\$ 710,000	1537	7	0.8841	1.1938	0.3185
S0633223263	3	6/12/2025	\$ 568,300	\$ 642,500	2041	7	0.8845	0.1812	0.3144
R8226720570	3	10/8/2024	\$ 636,800	\$ 719,900	2041	7	0.8846	1.4044	0.3139
R1625500275	3	5/1/2025	\$ 530,900	\$ 600,000	2041	7	0.8848	1.0469	0.3114
R9322750190	3	5/9/2025	\$ 530,700	\$ 599,000	2041	7	0.8860	1.0515	0.3007
R6026040065	3	6/27/2025	\$ 651,300	\$ 735,000	2041	7	0.8861	1.7401	0.2994
R3641500025	3	4/30/2025	\$ 598,300	\$ 675,000	2041	7	0.8864	0.5133	0.2970
R3616500065	3	7/21/2025	\$ 637,600	\$ 719,000	2041	7	0.8868	1.4230	0.2931
R1035150500	3	7/28/2025	\$ 532,400	\$ 600,000	20	7	0.8873	1.0122	0.2880
R7074640080	3	8/28/2025	\$ 608,100	\$ 685,000	2041	7	0.8877	0.7401	0.2842
R7326780235	3	6/6/2025	\$ 652,700	\$ 735,000	2041	7	0.8880	1.7725	0.2815
R8048680870	3	5/30/2025	\$ 595,000	\$ 670,000	2041	7	0.8881	0.4369	0.2812
R9437520830	3	2/28/2025	\$ 542,100	\$ 610,000	2041	7	0.8887	0.7876	0.2753
R1525721320	3	5/22/2025	\$ 511,000	\$ 575,000	2041	7	0.8887	1.5075	0.2753
S1015427960	3	7/31/2025	\$ 555,500	\$ 625,000	2041	7	0.8888	0.4775	0.2743
R1580350378	3	10/8/2024	\$ 511,900	\$ 575,000	2041	7	0.8903	1.4867	0.2606
R1580720540	3	11/1/2024	\$ 558,800	\$ 627,000	2041	7	0.8912	0.4011	0.2515
R5138910060	3	6/11/2025	\$ 614,200	\$ 689,000	2041	7	0.8914	0.8813	0.2496
R6885620300	3	1/29/2025	\$ 651,000	\$ 729,900	1537	7	0.8919	1.7331	0.2452
R1376440160	3	9/15/2025	\$ 549,200	\$ 615,000	2041	7	0.8930	0.6233	0.2349
R1884000030	3	8/11/2025	\$ 600,700	\$ 672,500	2041	7	0.8932	0.5688	0.2327
R0830140170	3	4/8/2025	\$ 549,300	\$ 614,900	2041	7	0.8933	0.6210	0.2320
R5124810181	3	7/3/2025	\$ 594,100	\$ 665,000	2041	7	0.8934	0.4160	0.2313
R2734250690	3	8/22/2025	\$ 607,300	\$ 679,500	2041	7	0.8937	0.7216	0.2280
R3729000050	3	6/11/2025	\$ 514,300	\$ 575,000	2041	7	0.8944	1.4311	0.2215
R3035900020	3	5/19/2025	\$ 532,200	\$ 594,586	2041	7	0.8951	1.0168	0.2155
R6905510260	3	1/22/2025	\$ 564,000	\$ 630,000	2041	7	0.8952	0.2807	0.2140
R3468550060	3	7/17/2025	\$ 572,900	\$ 639,900	2041	7	0.8953	0.0747	0.2134
R8048230460	3	10/10/2024	\$ 548,000	\$ 612,000	1537	7	0.8954	0.6511	0.2122
R6885580190	3	7/14/2025	\$ 599,400	\$ 669,000	1537	7	0.8960	0.5387	0.2072
R1719761060	3	5/8/2025	\$ 622,900	\$ 694,900	2041	7	0.8964	1.0827	0.2032
R5134000023	3	7/31/2025	\$ 596,100	\$ 665,000	2041	7	0.8964	0.4623	0.2032
R9511370970	3	6/5/2025	\$ 551,700	\$ 614,900	2041	7	0.8972	0.5654	0.1954
R3262000044	3	3/17/2025	\$ 592,500	\$ 660,000	2041	7	0.8977	0.3790	0.1906
R5315000815	3	2/28/2025	\$ 601,100	\$ 669,303	2041	7	0.8981	0.5781	0.1872
R5457970180	3	11/20/2024	\$ 565,900	\$ 630,000	2041	7	0.8983	0.2367	0.1857
R8048670430	3	6/30/2025	\$ 539,100	\$ 600,000	2041	7	0.8985	0.8571	0.1834
R4901730050	3	6/23/2025	\$ 652,100	\$ 725,000	2041	7	0.8994	1.7586	0.1745
R5098220160	3	9/8/2025	\$ 522,200	\$ 579,900	2041	7	0.9005	1.2483	0.1647
R1719761080	3	7/1/2025	\$ 621,300	\$ 688,900	2041	7	0.9019	1.0457	0.1518
R1719730300	3	1/15/2025	\$ 615,300	\$ 682,000	2041	7	0.9022	0.9068	0.1487
R0805870230	3	11/27/2024	\$ 568,400	\$ 630,000	2041	7	0.9022	0.1789	0.1485
R5457430475	3	9/16/2025	\$ 654,200	\$ 725,000	2041	7	0.9023	1.8072	0.1474

R2858000980	3	9/19/2025	\$ 596,500	\$ 661,000	2041	7	0.9024	0.4716	0.1467
R1525790050	3	9/5/2025	\$ 573,300	\$ 635,000	2041	7	0.9028	0.0654	0.1428
R3610330100	3	10/15/2024	\$ 627,500	\$ 695,000	1537	7	0.9029	1.1892	0.1424
R5461270360	3	4/3/2025	\$ 519,700	\$ 575,000	2041	7	0.9038	1.3061	0.1335
R6885600250	3	3/3/2025	\$ 596,500	\$ 659,900	1537	7	0.9039	0.4716	0.1326
R8043260126	3	5/15/2025	\$ 619,300	\$ 685,000	1548	7	0.9041	0.9994	0.1311
R1592010015	3	10/3/2024	\$ 538,000	\$ 595,000	2041	7	0.9042	0.8825	0.1300
R9227500650	3	3/6/2025	\$ 623,900	\$ 690,000	2041	7	0.9042	1.1058	0.1300
R1431970610	3	7/28/2025	\$ 522,700	\$ 578,000	26	7	0.9043	1.2367	0.1288
R1376450210	3	5/23/2025	\$ 542,800	\$ 600,000	2041	7	0.9047	0.7714	0.1256
R1592010060	3	7/17/2025	\$ 575,000	\$ 635,000	2041	7	0.9055	0.0261	0.1177
R2884050191	3	11/22/2024	\$ 633,900	\$ 700,000	2041	7	0.9056	1.3373	0.1172
R0594870020	3	9/30/2025	\$ 509,600	\$ 562,500	2041	7	0.9060	1.5399	0.1136
R1525760190	3	4/18/2025	\$ 576,200	\$ 635,700	2041	7	0.9064	0.0017	0.1094
R8512000050	3	2/7/2025	\$ 530,300	\$ 585,000	2041	7	0.9065	1.0608	0.1085
R8222740140	3	9/12/2025	\$ 562,300	\$ 619,800	1537	7	0.9072	0.3201	0.1016
R1376420280	3	10/16/2024	\$ 544,600	\$ 599,900	2041	7	0.9078	0.7298	0.0961
R6905710360	3	10/8/2024	\$ 581,000	\$ 639,900	26	7	0.9080	0.1128	0.0948
R6206600025	3	8/13/2025	\$ 555,700	\$ 612,000	2041	7	0.9080	0.4728	0.0943
R9437500660	3	6/24/2025	\$ 527,000	\$ 580,000	2041	7	0.9086	1.1372	0.0886
R8048580160	3	9/29/2025	\$ 643,600	\$ 708,000	1537	7	0.9090	1.5618	0.0847
R7476390140	3	8/5/2025	\$ 586,900	\$ 645,000	2041	7	0.9099	0.2494	0.0764
R7626380320	3	9/12/2025	\$ 518,300	\$ 569,000	2041	7	0.9109	1.3385	0.0673
R8123001837	3	4/21/2025	\$ 533,000	\$ 585,000	2041	7	0.9111	0.9983	0.0653
R6985790095	3	11/12/2024	\$ 523,900	\$ 575,000	2041	7	0.9111	1.2089	0.0651
R1754000724	3	6/30/2025	\$ 619,800	\$ 680,000	2041	7	0.9115	1.0109	0.0619
R5915311140	3	10/8/2024	\$ 510,600	\$ 559,990	2041	7	0.9118	1.5168	0.0588
R1580500011	3	3/20/2025	\$ 574,500	\$ 630,000	2041	7	0.9119	0.0377	0.0578
R1525740800	3	5/20/2025	\$ 565,500	\$ 620,000	2041	7	0.9121	0.2460	0.0560
R7195530260	3	11/1/2024	\$ 547,300	\$ 600,000	2041	7	0.9122	0.6673	0.0554
R4671530350	3	12/19/2024	\$ 538,300	\$ 590,000	2041	7	0.9124	0.8756	0.0534
R5461270080	3	1/31/2025	\$ 520,100	\$ 570,000	2041	7	0.9125	1.2969	0.0527
R2024302256	3	10/11/2024	\$ 511,200	\$ 560,000	2041	7	0.9129	1.5029	0.0489
R9437520260	3	10/17/2024	\$ 543,700	\$ 595,000	2041	7	0.9138	0.7506	0.0402
R1719760040	3	6/12/2025	\$ 626,800	\$ 685,000	2041	7	0.9150	1.1730	0.0285
R5128002100	3	1/31/2025	\$ 595,000	\$ 650,000	2041	7	0.9154	0.4369	0.0252
R5130003875	3	5/22/2025	\$ 549,500	\$ 600,000	2041	7	0.9158	0.6163	0.0210
R1625504325	3	7/17/2025	\$ 550,000	\$ 600,000	2041	7	0.9167	0.6048	0.0132
R0812961620	3	7/25/2025	\$ 540,100	\$ 589,000	2041	7	0.9170	0.8339	0.0103
S1020131505	3	8/4/2025	\$ 525,500	\$ 573,000	2041	7	0.9171	1.1719	0.0091
R6744110185	3	6/30/2025	\$ 519,100	\$ 566,000	2041	7	0.9171	1.3200	0.0088
R9227100260	3	3/18/2025	\$ 634,000	\$ 691,000	2041	7	0.9175	1.3396	0.0053
R5864330880	3	6/13/2025	\$ 518,500	\$ 565,000	2041	7	0.9177	1.3339	0.0035
R5138910170	3	3/4/2025	\$ 611,100	\$ 665,900	2041	7	0.9177	0.8095	0.0035

R9511380480	3	4/22/2025	\$ 598,000	\$ 651,500	2041	7	0.9179	0.5063	0.0018
R2884060640	3	1/8/2025	\$ 634,000	\$ 690,000	2041	7	0.9188	1.3396	0.0072
R9511370410	3	5/8/2025	\$ 606,500	\$ 660,000	2041	7	0.9189	0.7031	0.0081
R5864321680	3	6/9/2025	\$ 512,900	\$ 558,000	2041	7	0.9192	1.4635	0.0103
R8220570060	3	12/17/2024	\$ 644,300	\$ 700,000	2041	7	0.9204	1.5780	0.0220
R8843000103	3	4/30/2025	\$ 598,300	\$ 650,000	2041	7	0.9205	0.5133	0.0223
R7406001080	3	7/14/2025	\$ 614,600	\$ 667,000	2041	7	0.9214	0.8906	0.0315
R2129500047	3	11/8/2024	\$ 543,700	\$ 590,000	2041	7	0.9215	0.7506	0.0323
R4432930160	3	3/14/2025	\$ 646,500	\$ 701,000	2041	7	0.9223	1.6290	0.0391
R5315001292	3	9/19/2025	\$ 576,500	\$ 625,000	2041	7	0.9224	0.0086	0.0405
R1073790240	3	8/8/2025	\$ 553,800	\$ 600,000	1537	7	0.9230	0.5168	0.0461
R2734250190	3	9/30/2025	\$ 641,800	\$ 695,000	2041	7	0.9235	1.5202	0.0504
R5710500280	3	12/19/2024	\$ 632,900	\$ 685,000	2041	7	0.9239	1.3142	0.0549
R3050960080	3	7/22/2025	\$ 535,200	\$ 579,000	2041	7	0.9244	0.9474	0.0588
R0425550030	3	8/8/2025	\$ 596,500	\$ 644,900	2041	7	0.9249	0.4716	0.0644
R1754000876	3	6/24/2025	\$ 523,500	\$ 565,000	2041	7	0.9265	1.2182	0.0794
R3610300910	3	6/18/2025	\$ 601,700	\$ 649,000	1537	7	0.9271	0.5920	0.0847
R5710500270	3	2/26/2025	\$ 635,100	\$ 685,000	2041	7	0.9272	1.3651	0.0850
R1525740850	3	7/17/2025	\$ 586,100	\$ 632,000	2041	7	0.9274	0.2309	0.0871
R8048680300	3	2/14/2025	\$ 626,100	\$ 675,000	2041	7	0.9276	1.1568	0.0888
R6985790020	3	5/2/2025	\$ 510,500	\$ 550,000	2041	7	0.9282	1.5191	0.0947
R1317411060	3	10/17/2024	\$ 566,200	\$ 610,000	2041	7	0.9282	0.2298	0.0948
R4737640455	3	1/7/2025	\$ 545,000	\$ 586,900	2041	7	0.9286	0.7205	0.0987
R5461270060	3	1/15/2025	\$ 520,100	\$ 560,000	2041	7	0.9288	1.2969	0.1000
R7332850355	3	1/13/2025	\$ 603,600	\$ 649,900	2041	7	0.9288	0.6359	0.1001
R1719540100	3	6/12/2025	\$ 615,400	\$ 662,500	2041	7	0.9289	0.9091	0.1014
R9511380990	3	6/18/2025	\$ 604,100	\$ 650,000	2041	7	0.9294	0.6475	0.1059
R1278950065	3	10/16/2024	\$ 518,700	\$ 558,000	2041	7	0.9296	1.3293	0.1077
R5710490240	3	5/16/2025	\$ 606,700	\$ 652,500	2041	7	0.9298	0.7077	0.1099
R5125640300	3	4/23/2025	\$ 558,400	\$ 600,000	2041	7	0.9307	0.4103	0.1179
R8510550050	3	11/22/2024	\$ 628,400	\$ 675,000	2041	7	0.9310	1.2100	0.1207
R7335520355	3	1/3/2025	\$ 558,800	\$ 599,990	2041	7	0.9313	0.4011	0.1243
R5350500800	3	7/8/2025	\$ 652,100	\$ 699,500	2041	7	0.9322	1.7586	0.1327
R5864321380	3	11/22/2024	\$ 512,900	\$ 550,000	2041	7	0.9325	1.4635	0.1355
R7909030190	3	8/26/2025	\$ 614,600	\$ 659,000	2041	7	0.9326	0.8906	0.1363
R2734250110	3	9/11/2025	\$ 559,900	\$ 600,000	2041	7	0.9332	0.3756	0.1414
R5315002202	3	3/12/2025	\$ 568,400	\$ 609,000	2041	7	0.9333	0.1789	0.1429
R8521500130	3	7/14/2025	\$ 513,600	\$ 550,000	2041	7	0.9338	1.4473	0.1475
R7100700010	3	1/21/2025	\$ 513,700	\$ 550,000	2041	7	0.9340	1.4450	0.1492
R1719730240	3	9/30/2025	\$ 616,700	\$ 660,000	2041	7	0.9344	0.9392	0.1529
R7824160860	3	11/19/2024	\$ 607,800	\$ 650,000	2041	7	0.9351	0.7332	0.1593
R7476400110	3	1/24/2025	\$ 617,200	\$ 660,000	2041	7	0.9352	0.9507	0.1600
R8180950050	3	11/7/2024	\$ 579,900	\$ 619,900	2041	7	0.9355	0.0873	0.1630
R9437520140	3	3/28/2025	\$ 608,200	\$ 650,000	2041	7	0.9357	0.7424	0.1650

R1278950005	3	7/29/2025	\$ 538,100	\$ 575,000	2041	7	0.9358	0.8802	0.1663
R5455010175	3	3/28/2025	\$ 636,600	\$ 680,000	2041	7	0.9362	1.3998	0.1696
R9770050170	3	11/7/2024	\$ 529,300	\$ 565,000	2041	7	0.9368	1.0839	0.1755
R8521450680	3	10/16/2024	\$ 524,800	\$ 559,900	2041	7	0.9373	1.1881	0.1802
R1073250080	3	9/5/2025	\$ 618,700	\$ 659,900	2041	7	0.9376	0.9855	0.1826
R5315001700	3	3/17/2025	\$ 510,100	\$ 544,000	2041	7	0.9377	1.5284	0.1837
R8048190310	3	1/24/2025	\$ 543,900	\$ 580,000	1537	7	0.9378	0.7460	0.1844
R5315000900	3	11/12/2024	\$ 515,900	\$ 549,900	2041	7	0.9382	1.3941	0.1882
R7486100092	3	10/11/2024	\$ 586,400	\$ 625,000	1537	7	0.9382	0.2378	0.1889
R1719540190	3	10/25/2024	\$ 603,100	\$ 642,500	2041	7	0.9387	0.6244	0.1930
R5350510070	3	12/20/2024	\$ 653,200	\$ 695,500	2041	7	0.9392	1.7841	0.1977
R1525740260	3	11/8/2024	\$ 553,900	\$ 589,750	2041	7	0.9392	0.5145	0.1980
R5125260320	3	12/13/2024	\$ 629,400	\$ 669,900	2041	7	0.9395	1.2331	0.2011
R5713430030	3	1/3/2025	\$ 606,400	\$ 645,000	2041	7	0.9402	0.7008	0.2068
R1277000140	3	6/4/2025	\$ 634,700	\$ 675,000	1537	7	0.9403	1.3558	0.2082
R9686560400	3	1/10/2025	\$ 587,700	\$ 624,900	2041	7	0.9405	0.2679	0.2098
R3610291040	3	5/26/2025	\$ 559,900	\$ 595,000	1537	7	0.9410	0.3756	0.2148
R5538921570	3	3/28/2025	\$ 555,200	\$ 590,000	2041	7	0.9410	0.4844	0.2149
R5201000020	3	10/11/2024	\$ 536,700	\$ 570,000	2041	7	0.9416	0.9126	0.2202
R1719760020	3	11/22/2024	\$ 654,500	\$ 695,000	2041	7	0.9417	1.8142	0.2216
R8048730190	3	5/30/2025	\$ 557,600	\$ 592,000	2041	7	0.9419	0.4288	0.2231
R2847200040	3	11/20/2024	\$ 579,300	\$ 615,000	1537	7	0.9420	0.0735	0.2237
R1719540200	3	4/21/2025	\$ 611,600	\$ 649,000	2041	7	0.9424	0.8211	0.2276
R1096170280	3	10/7/2024	\$ 509,000	\$ 540,000	2041	7	0.9426	1.5538	0.2297
R5098230150	3	11/1/2024	\$ 579,800	\$ 615,000	2041	7	0.9428	0.0850	0.2313
R1625504500	3	10/18/2024	\$ 613,500	\$ 650,000	2041	7	0.9438	0.8651	0.2414
R0310000193	3	9/17/2025	\$ 623,100	\$ 660,000	2041	7	0.9441	1.0873	0.2437
R0521130100	3	10/15/2024	\$ 642,000	\$ 680,000	2041	7	0.9441	1.5248	0.2440
R5175410080	3	5/23/2025	\$ 509,200	\$ 539,000	2041	7	0.9447	1.5492	0.2495
R3035900112	3	7/10/2025	\$ 655,000	\$ 693,203	2041	7	0.9449	1.8257	0.2512
R0812960320	3	3/14/2025	\$ 567,000	\$ 600,000	2041	7	0.9450	0.2113	0.2522
R7074610220	3	2/26/2025	\$ 534,300	\$ 565,000	2041	7	0.9457	0.9682	0.2584
R7924000075	3	2/6/2025	\$ 638,600	\$ 675,000	2041	7	0.9461	1.4461	0.2623
R7335510255	3	12/20/2024	\$ 586,700	\$ 620,000	2041	7	0.9463	0.2447	0.2643
R7195530720	3	7/11/2025	\$ 528,100	\$ 557,900	2041	7	0.9466	1.1117	0.2671
R9227500660	3	12/10/2024	\$ 596,400	\$ 630,000	2041	7	0.9467	0.4693	0.2678
R8103700300	3	9/11/2025	\$ 629,500	\$ 664,900	2041	7	0.9468	1.2355	0.2687
R7476260180	3	3/20/2025	\$ 539,900	\$ 570,000	2041	7	0.9472	0.8386	0.2728
R1077500055	3	8/8/2025	\$ 521,200	\$ 550,000	2041	7	0.9476	1.2714	0.2769
R1580810060	3	7/16/2025	\$ 552,000	\$ 582,500	2041	7	0.9476	0.5585	0.2770
R7100000039	3	6/20/2025	\$ 554,400	\$ 585,000	2041	7	0.9477	0.5029	0.2775
R5785840270	3	6/24/2025	\$ 538,800	\$ 568,500	2041	7	0.9478	0.8640	0.2781
R5125810280	3	8/25/2025	\$ 511,800	\$ 540,000	2041	7	0.9478	1.4890	0.2783
R9351910340	3	10/11/2024	\$ 576,400	\$ 608,000	2041	7	0.9480	0.0063	0.2806

R6907000100	3	7/25/2025	\$ 645,300	\$ 680,000	2041	7	0.9490	1.6012	0.2894
R6876000490	3	6/16/2025	\$ 508,300	\$ 535,000	2041	7	0.9501	1.5700	0.2999
R4207010031	3	3/28/2025	\$ 536,900	\$ 565,000	2041	7	0.9503	0.9080	0.3016
R1582280330	3	3/31/2025	\$ 575,200	\$ 605,000	2041	7	0.9507	0.0215	0.3060
R2847230140	3	7/11/2025	\$ 560,900	\$ 589,900	1537	7	0.9508	0.3525	0.3069
R1719590340	3	5/2/2025	\$ 642,000	\$ 675,000	2041	7	0.9511	1.5248	0.3095
R0387050121	3	10/3/2024	\$ 570,700	\$ 600,000	2041	7	0.9512	0.1256	0.3100
R7626390780	3	11/27/2024	\$ 589,800	\$ 620,000	2041	7	0.9513	0.3165	0.3112
R7997010027	3	1/13/2025	\$ 626,100	\$ 658,000	2041	7	0.9515	1.1568	0.3133
R1376440140	3	7/29/2025	\$ 527,700	\$ 553,600	2041	7	0.9532	1.1210	0.3292
R1719670800	3	11/27/2024	\$ 651,000	\$ 682,000	2041	7	0.9545	1.7331	0.3417
R0843340570	3	7/7/2025	\$ 548,900	\$ 575,000	2041	7	0.9546	0.6302	0.3422
R6901150120	3	11/20/2024	\$ 606,500	\$ 634,900	2041	7	0.9553	0.7031	0.3484
R0573410352	3	7/7/2025	\$ 573,500	\$ 599,900	2041	7	0.9560	0.0608	0.3552
R5864321620	3	7/31/2025	\$ 530,700	\$ 555,000	2041	7	0.9562	1.0515	0.3573
R7777775180	3	6/27/2025	\$ 573,900	\$ 600,000	2041	7	0.9565	0.0515	0.3600
R1317410770	3	12/10/2024	\$ 526,700	\$ 550,000	2041	7	0.9576	1.1441	0.3706
R1721000385	3	8/19/2025	\$ 622,600	\$ 650,000	2041	7	0.9578	1.0757	0.3726
R8103710950	3	11/8/2024	\$ 512,500	\$ 535,000	2041	7	0.9579	1.4728	0.3735
R0843350780	3	10/24/2024	\$ 564,300	\$ 589,000	2041	7	0.9581	0.2738	0.3746
R6901730200	3	12/3/2024	\$ 522,400	\$ 545,000	2041	7	0.9585	1.2436	0.3790
R1955001153	3	10/25/2024	\$ 608,900	\$ 635,000	2041	7	0.9589	0.7586	0.3824
R8226720380	3	11/1/2024	\$ 647,400	\$ 675,000	2041	7	0.9591	1.6498	0.3844
R5125660430	3	11/8/2024	\$ 600,000	\$ 625,000	2041	7	0.9600	0.5526	0.3928
R5915310780	3	11/15/2024	\$ 523,300	\$ 544,990	2041	7	0.9602	1.2228	0.3946
R6905710470	3	4/29/2025	\$ 598,100	\$ 622,500	26	7	0.9608	0.5086	0.4003
R3610191000	3	9/15/2025	\$ 608,300	\$ 633,000	1537	7	0.9610	0.7447	0.4019
R6680000004	3	7/1/2025	\$ 615,000	\$ 639,900	2041	7	0.9611	0.8998	0.4029
R1393520020	3	4/18/2025	\$ 562,900	\$ 585,000	2041	7	0.9622	0.3062	0.4136
R9227500350	3	6/27/2025	\$ 556,300	\$ 578,000	2041	7	0.9625	0.4589	0.4158
R8930000211	3	2/12/2025	\$ 578,000	\$ 600,000	2041	7	0.9633	0.0434	0.4240
R5098220110	3	11/8/2024	\$ 635,900	\$ 659,999	2041	7	0.9635	1.3836	0.4254
R7909000280	3	12/11/2024	\$ 592,700	\$ 615,000	2041	7	0.9637	0.3836	0.4278
R7334160683	3	2/28/2025	\$ 525,700	\$ 545,000	2041	7	0.9646	1.1673	0.4357
R0333000005	3	5/2/2025	\$ 654,400	\$ 678,000	2041	7	0.9652	1.8118	0.4414
R2847050005	3	1/6/2025	\$ 558,000	\$ 578,000	2041	7	0.9654	0.4196	0.4433
S0909223500	3	10/8/2024	\$ 579,800	\$ 600,000	12	7	0.9663	0.0850	0.4521
R7909020193	3	9/26/2025	\$ 579,800	\$ 599,900	2041	7	0.9665	0.0850	0.4536
R5125560233	3	11/22/2024	\$ 628,200	\$ 649,900	2041	7	0.9666	1.2054	0.4547
R5864320580	3	8/29/2025	\$ 555,800	\$ 574,900	2041	7	0.9668	0.4705	0.4562
R1756000136	3	10/29/2024	\$ 594,700	\$ 615,000	2041	7	0.9670	0.4299	0.4583
R3260220160	3	5/16/2025	\$ 599,800	\$ 620,000	2041	7	0.9674	0.5480	0.4623
R2847260110	3	1/8/2025	\$ 578,300	\$ 597,500	1537	7	0.9679	0.0503	0.4664
R0541500650	3	10/4/2024	\$ 508,400	\$ 525,000	2041	7	0.9684	1.5677	0.4713

R4758200060	3	9/25/2025	\$ 508,400	\$ 525,000	2041	7	0.9684	1.5677	0.4713
R8048690580	3	10/1/2024	\$ 581,600	\$ 600,500	2041	7	0.9685	0.1267	0.4726
R7326780215	3	7/7/2025	\$ 580,200	\$ 599,000	2041	7	0.9686	0.0943	0.4735
R3388000041	3	5/5/2025	\$ 571,000	\$ 589,000	2041	7	0.9694	0.1187	0.4812
R7777800181	3	6/10/2025	\$ 616,000	\$ 635,000	2041	7	0.9701	0.9230	0.4872
R1955010946	3	8/21/2025	\$ 606,800	\$ 625,000	2041	7	0.9709	0.7100	0.4947
R4221320300	3	10/2/2024	\$ 524,400	\$ 540,000	1537	7	0.9711	1.1973	0.4968
R2847280050	3	11/1/2024	\$ 534,200	\$ 550,000	1537	7	0.9713	0.9705	0.4984
R3482150875	3	6/16/2025	\$ 636,600	\$ 655,000	2041	7	0.9719	1.3998	0.5043
R9255000370	3	12/3/2024	\$ 510,300	\$ 525,000	2041	7	0.9720	1.5237	0.5052
R7475800250	3	5/22/2025	\$ 606,200	\$ 623,200	26	7	0.9727	0.6961	0.5119
R7909010270	3	9/17/2025	\$ 613,900	\$ 630,000	2041	7	0.9744	0.8744	0.5281
R1294370110	3	11/26/2024	\$ 545,900	\$ 560,000	2041	7	0.9748	0.6997	0.5316
R3856000370	3	7/16/2025	\$ 602,500	\$ 618,000	2041	7	0.9749	0.6105	0.5325
R3369410200	3	10/11/2024	\$ 535,500	\$ 549,000	20	7	0.9754	0.9404	0.5371
R7909990160	3	7/31/2025	\$ 634,100	\$ 650,000	2041	7	0.9755	1.3419	0.5383
R2039100105	3	12/12/2024	\$ 546,600	\$ 560,000	2041	7	0.9761	0.6835	0.5433
R8521440610	3	10/2/2024	\$ 508,000	\$ 519,900	2041	7	0.9771	1.5770	0.5531
R6026000010	3	10/31/2024	\$ 517,900	\$ 530,000	2041	7	0.9772	1.3478	0.5536
R6120402940	3	8/8/2025	\$ 585,400	\$ 599,000	2041	7	0.9773	0.2147	0.5548
R7335540130	3	3/21/2025	\$ 537,600	\$ 550,000	2041	7	0.9775	0.8918	0.5563
S0629120615	3	9/19/2025	\$ 513,300	\$ 525,000	2041	7	0.9777	1.4543	0.5587
R1278950035	3	9/25/2025	\$ 524,200	\$ 536,000	2041	7	0.9780	1.2020	0.5612
R9227500050	3	1/30/2025	\$ 621,100	\$ 635,000	2041	7	0.9781	1.0410	0.5624
R8048670060	3	8/25/2025	\$ 572,400	\$ 585,000	2041	7	0.9785	0.0863	0.5657
R7074530020	3	12/11/2024	\$ 552,900	\$ 565,000	2041	7	0.9786	0.5376	0.5669
R2734250400	3	3/4/2025	\$ 648,300	\$ 662,000	2041	7	0.9793	1.6706	0.5736
R3610310160	3	10/31/2024	\$ 645,900	\$ 659,000	1537	7	0.9801	1.6151	0.5813
S0633142040	3	4/10/2025	\$ 636,200	\$ 649,000	2041	7	0.9803	1.3905	0.5827
R7909000400	3	9/23/2025	\$ 563,700	\$ 575,000	2041	7	0.9803	0.2876	0.5834
R1525740460	3	12/11/2024	\$ 578,700	\$ 590,000	2041	7	0.9808	0.0596	0.5881
R2734250325	3	6/18/2025	\$ 652,500	\$ 665,000	2041	7	0.9812	1.7679	0.5914
R5139170200	3	11/6/2024	\$ 638,000	\$ 649,900	2041	7	0.9817	1.4322	0.5960
R5139170220	3	11/1/2024	\$ 638,000	\$ 649,900	2041	7	0.9817	1.4322	0.5960
R5139170260	3	10/25/2024	\$ 638,000	\$ 649,900	2041	7	0.9817	1.4322	0.5960
R2734250330	3	5/22/2025	\$ 535,200	\$ 545,000	2041	7	0.9820	0.9474	0.5990
R5098230060	3	5/16/2025	\$ 624,000	\$ 635,000	2041	7	0.9827	1.1081	0.6052
R8470640120	3	3/4/2025	\$ 624,600	\$ 635,500	2041	7	0.9828	1.1220	0.6068
R5125650130	3	1/8/2025	\$ 609,500	\$ 620,000	2041	7	0.9831	0.7725	0.6088
R7476390210	3	5/14/2025	\$ 569,300	\$ 579,000	2041	7	0.9832	0.1580	0.6105
R1580710160	3	12/10/2024	\$ 531,000	\$ 540,000	2041	7	0.9833	1.0446	0.6114
R0141340040	3	10/31/2024	\$ 531,100	\$ 539,900	26	7	0.9837	1.0423	0.6148
R9227710030	3	1/9/2025	\$ 560,900	\$ 570,000	2041	7	0.9840	0.3525	0.6179
R7406000245	3	6/12/2025	\$ 650,600	\$ 660,000	2041	7	0.9858	1.7239	0.6341

R8220140020	3	9/9/2025	\$ 600,700	\$ 609,000	2041	7	0.9864	0.5688	0.6398
R2330270190	3	5/30/2025	\$ 567,900	\$ 575,000	2041	7	0.9877	0.1904	0.6518
R1376260050	3	7/23/2025	\$ 533,300	\$ 539,900	2041	7	0.9878	0.9913	0.6530
R8954000260	3	10/18/2024	\$ 543,300	\$ 550,000	20	7	0.9878	0.7599	0.6534
R8048730770	3	12/13/2024	\$ 593,900	\$ 601,000	2041	7	0.9882	0.4114	0.6568
R0310270300	3	1/27/2025	\$ 585,400	\$ 592,000	2041	7	0.9889	0.2147	0.6630
R7824180150	3	4/25/2025	\$ 644,100	\$ 650,000	2041	7	0.9909	1.5734	0.6825
R8123001890	3	6/25/2025	\$ 510,300	\$ 514,900	2041	7	0.9911	1.5237	0.6838
R7334190572	3	9/4/2025	\$ 570,600	\$ 575,000	2041	7	0.9923	0.1279	0.6958
R7100450210	3	3/25/2025	\$ 625,000	\$ 629,000	2041	7	0.9936	1.1313	0.7079
R2847290102	3	1/24/2025	\$ 536,200	\$ 539,400	1537	7	0.9941	0.9242	0.7119
R2847280225	3	3/12/2025	\$ 532,400	\$ 535,000	1537	7	0.9951	1.0122	0.7220
S0633417760	3	6/27/2025	\$ 612,100	\$ 615,000	2041	7	0.9953	0.8327	0.7233
R2847260175	3	1/14/2025	\$ 546,600	\$ 549,000	1537	7	0.9956	0.6835	0.7265
R2391220240	3	6/13/2025	\$ 513,000	\$ 515,000	2041	7	0.9961	1.4612	0.7311
R8316350005	3	9/2/2025	\$ 538,100	\$ 540,000	2041	7	0.9965	0.8802	0.7345
R7988440130	3	9/5/2025	\$ 646,800	\$ 649,000	2041	7	0.9966	1.6359	0.7357
R1376260030	3	12/6/2024	\$ 533,400	\$ 535,000	2041	7	0.9970	0.9890	0.7395
R7406000885	3	11/7/2024	\$ 577,300	\$ 579,000	2041	7	0.9971	0.0272	0.7400
R8222620130	3	6/19/2025	\$ 624,200	\$ 625,000	2041	7	0.9987	1.1128	0.7555
R1376260100	3	11/22/2024	\$ 529,300	\$ 529,900	2041	7	0.9989	1.0839	0.7569
R3610310360	3	2/14/2025	\$ 629,900	\$ 629,900	1537	7	1.0000	1.2447	0.7675
R2391230320	3	3/24/2025	\$ 610,100	\$ 610,000	2041	7	1.0002	0.7864	0.7690
R1754001420	3	2/14/2025	\$ 577,300	\$ 577,000	2041	7	1.0005	0.0272	0.7724
R3482210060	3	8/15/2025	\$ 655,700	\$ 655,000	2041	7	1.0011	1.8419	0.7775
R2336002285	3	9/8/2025	\$ 540,600	\$ 540,000	2041	7	1.0011	0.8224	0.7779
R7335580245	3	12/19/2024	\$ 510,800	\$ 510,000	2041	7	1.0016	1.5122	0.7822
R1754001696	3	4/25/2025	\$ 538,800	\$ 537,500	2041	7	1.0024	0.8640	0.7902
R0998750410	3	10/9/2024	\$ 560,500	\$ 559,000	2041	7	1.0027	0.3617	0.7926
R0541500840	3	12/13/2024	\$ 531,500	\$ 530,000	2041	7	1.0028	1.0330	0.7940
R6114510760	3	2/20/2025	\$ 545,800	\$ 544,000	2041	7	1.0033	0.7020	0.7985
R4737700150	3	1/9/2025	\$ 652,400	\$ 650,000	2041	7	1.0037	1.7655	0.8021
R7824180190	3	8/15/2025	\$ 602,300	\$ 600,000	2041	7	1.0038	0.6058	0.8034
R3610151140	3	12/31/2024	\$ 653,700	\$ 650,000	1537	7	1.0057	1.7956	0.8208
R3260220140	3	8/7/2025	\$ 563,300	\$ 560,000	2041	7	1.0059	0.2969	0.8227
R2919000832	3	11/4/2024	\$ 548,500	\$ 545,000	2041	7	1.0064	0.6395	0.8277
S0633417710	3	7/18/2025	\$ 516,400	\$ 512,000	2041	7	1.0086	1.3825	0.8480
R1608450095	3	12/6/2024	\$ 655,900	\$ 650,000	2041	7	1.0091	1.8466	0.8525
R5315001150	3	12/5/2024	\$ 639,100	\$ 633,000	2041	7	1.0096	1.4577	0.8578
R3482190050	3	5/1/2025	\$ 555,600	\$ 550,000	2041	7	1.0102	0.4751	0.8629
R8954000090	3	9/8/2025	\$ 545,500	\$ 539,990	2041	7	1.0102	0.7089	0.8631
R5032440040	3	6/17/2025	\$ 573,500	\$ 567,500	2041	7	1.0106	0.0608	0.8665
R1955000480	3	5/2/2025	\$ 591,300	\$ 585,000	2041	7	1.0108	0.3512	0.8684
R1479000200	3	8/14/2025	\$ 626,700	\$ 619,900	2041	7	1.0110	1.1706	0.8703

R7476270220	3	10/22/2024	\$ 637,100	\$ 629,900	2041	7	1.0114	1.4114	0.8746
R2733020060	3	7/30/2025	\$ 515,300	\$ 509,250	2041	7	1.0119	1.4080	0.8788
R4737740170	3	5/23/2025	\$ 542,500	\$ 535,000	2041	7	1.0140	0.7784	0.8988
R1022710390	3	10/25/2024	\$ 656,400	\$ 647,000	1537	7	1.0145	1.8581	0.9036
R8084910030	3	11/19/2024	\$ 537,800	\$ 530,000	2041	7	1.0147	0.8872	0.9054
R2008000002	3	3/17/2025	\$ 568,900	\$ 560,000	2041	7	1.0159	0.1673	0.9164
R8103700220	3	7/14/2025	\$ 569,800	\$ 560,000	2041	7	1.0175	0.1464	0.9314
R9479110030	3	10/22/2024	\$ 525,200	\$ 515,000	2041	7	1.0198	1.1788	0.9530
R9227740080	3	4/23/2025	\$ 617,200	\$ 605,000	2041	7	1.0202	0.9507	0.9564
R3610291510	3	7/18/2025	\$ 568,200	\$ 555,900	1537	7	1.0221	0.1835	0.9748
R6043160010	3	7/24/2025	\$ 614,700	\$ 599,900	2041	7	1.0247	0.8929	0.9986
R7406000845	3	10/18/2024	\$ 597,400	\$ 583,000	2041	7	1.0247	0.4924	0.9989
R1943002176	3	1/16/2025	\$ 595,200	\$ 580,000	2041	7	1.0262	0.4415	1.0130
R6885610320	3	2/10/2025	\$ 610,800	\$ 595,000	1537	7	1.0266	0.8026	1.0163
R8112003665	3	3/27/2025	\$ 513,500	\$ 500,000	2041	7	1.0270	1.4497	1.0204
R8226710050	3	10/25/2024	\$ 595,800	\$ 580,000	2041	7	1.0272	0.4554	1.0227
R3053000310	3	4/24/2025	\$ 601,500	\$ 585,000	2041	7	1.0282	0.5873	1.0317
R6042350330	3	12/11/2024	\$ 575,800	\$ 560,000	1537	7	1.0282	0.0076	1.0318
R1955001540	3	6/20/2025	\$ 561,800	\$ 545,000	2041	7	1.0308	0.3316	1.0563
R8980000204	3	3/28/2025	\$ 594,700	\$ 575,000	2041	7	1.0343	0.4299	1.0885
S1020131345	3	4/11/2025	\$ 617,600	\$ 597,000	2041	7	1.0345	0.9600	1.0908
R7475850120	3	9/10/2025	\$ 620,800	\$ 600,000	2041	7	1.0347	1.0341	1.0923
R5457430310	3	12/20/2024	\$ 532,900	\$ 515,000	2041	7	1.0348	1.0006	1.0931
R2024370408	3	4/21/2025	\$ 517,800	\$ 500,000	2041	7	1.0356	1.3501	1.1010
R8222620200	3	12/12/2024	\$ 559,800	\$ 540,000	2041	7	1.0367	0.3779	1.1110
R3610291360	3	6/23/2025	\$ 580,600	\$ 560,000	1537	7	1.0368	0.1035	1.1121
R2039250650	3	8/6/2025	\$ 597,600	\$ 575,000	2041	7	1.0393	0.4971	1.1357
R1580810100	3	12/11/2024	\$ 519,700	\$ 499,900	2041	7	1.0396	1.3061	1.1386
R5125600360	3	11/22/2024	\$ 546,200	\$ 525,000	2041	7	1.0404	0.6927	1.1458
R6991130460	3	10/9/2024	\$ 653,600	\$ 624,900	2041	7	1.0459	1.7933	1.1978
R9227680065	3	12/31/2024	\$ 630,400	\$ 600,000	2041	7	1.0507	1.2563	1.2422
R1719550010	3	3/26/2025	\$ 641,500	\$ 610,000	2041	7	1.0516	1.5132	1.2513
R7084180012	3	8/22/2025	\$ 517,500	\$ 489,900	2041	7	1.0563	1.3571	1.2953
R7070200090	3	6/6/2025	\$ 594,200	\$ 560,000	2041	7	1.0611	0.4184	1.3396
R8043250041	3	4/3/2025	\$ 572,200	\$ 539,000	1537	7	1.0616	0.0909	1.3446
R2734251655	3	12/23/2024	\$ 585,100	\$ 550,000	2041	7	1.0638	0.2077	1.3654
R1943000835	3	7/3/2025	\$ 574,800	\$ 540,000	2041	7	1.0644	0.0307	1.3712
R8048690180	3	10/2/2024	\$ 650,800	\$ 609,900	2041	7	1.0671	1.7285	1.3957
R1608460355	3	9/19/2025	\$ 571,500	\$ 535,000	2041	7	1.0682	0.1071	1.4067
R7406000250	3	6/12/2025	\$ 588,300	\$ 550,000	2041	7	1.0696	0.2818	1.4199
R1096160030	3	11/22/2024	\$ 641,800	\$ 599,900	2041	7	1.0698	1.5202	1.4218
R3610301130	3	9/24/2025	\$ 621,200	\$ 580,000	1537	7	1.0710	1.0433	1.4330
R2734250315	3	10/10/2024	\$ 532,700	\$ 495,000	2041	7	1.0762	1.0052	1.4810
R1943000796	3	11/8/2024	\$ 538,300	\$ 500,000	2041	7	1.0766	0.8756	1.4851

R1393520010	3	4/28/2025	\$ 642,300	\$ 594,000	2041	7	1.0813	1.5318	1.5293
R1580250205	3	4/16/2025	\$ 594,800	\$ 550,000	2041	7	1.0815	0.4322	1.5306
R4737640410	3	7/24/2025	\$ 558,300	\$ 515,000	2041	7	1.0841	0.4126	1.5552
R5124800400	3	5/5/2025	\$ 550,600	\$ 507,500	2041	7	1.0849	0.5909	1.5631
R1955001432	3	7/30/2025	\$ 517,000	\$ 475,000	2041	7	1.0884	1.3686	1.5959
R3260170200	3	1/6/2025	\$ 599,100	\$ 550,000	2041	7	1.0893	0.5318	1.6038
R1582250550	3	6/26/2025	\$ 566,900	\$ 520,000	2041	7	1.0902	0.2136	1.6125
R8048190110	3	2/26/2025	\$ 566,500	\$ 517,403	1537	7	1.0949	0.2228	1.6565
R7104001140	3	10/28/2024	\$ 587,000	\$ 530,000	2041	7	1.1075	0.2517	1.7750
R2114100085	3	1/10/2025	\$ 582,800	\$ 525,000	2041	7	1.1101	0.1545	1.7989
R3650760400	3	4/25/2025	\$ 556,600	\$ 500,000	26	7	1.1132	0.4520	1.8280
R2336001465	3	6/27/2025	\$ 548,600	\$ 490,000	2041	7	1.1196	0.6372	1.8879
R9323500450	3	3/12/2025	\$ 572,500	\$ 499,900	2041	7	1.1452	0.0839	2.1281
R3616910010	3	3/19/2025	\$ 542,000	\$ 467,500	2041	7	1.1594	0.7900	2.2604
R1580360550	3	10/11/2024	\$ 578,200	\$ 480,000	2041	7	1.2046	0.0480	2.6841
R2336001345	3	4/9/2025	\$ 592,300	\$ 475,000	2041	7	1.2469	0.3744	3.0810
R7335540330	3	8/18/2025	\$ 517,800	\$ 401,925	2041	7	1.2883	1.3501	3.4684
R1955010311	3	12/2/2024	\$ 589,100	\$ 450,000	2041	7	1.3091	0.3003	3.6634
R6793270210	3	5/23/2025	\$ 520,600	\$ 395,000	2041	7	1.3180	1.2853	3.7464
R6983000190	3	4/17/2025	\$ 516,100	\$ 375,000	2041	7	1.3763	1.3895	4.2925
R6970110200	3	4/29/2025	\$ 574,300	\$ 399,900	2041	7	1.4361	0.0423	4.8532
R1035210230	3	5/19/2025	\$ 602,000	\$ 400,000	20	7	1.5050	0.5989	5.4986
R1077230050	4	8/26/2025	\$ 835,000	\$1,629,000	2041	7	0.5126	1.1472	3.7152
R7475790230	4	5/21/2025	\$ 764,400	\$1,250,000	2041	7	0.6115	0.0701	2.8079
R3616500220	4	4/21/2025	\$ 769,900	\$1,250,000	2041	7	0.6159	0.1540	2.7676
R9318350210	4	4/18/2025	\$ 881,700	\$1,426,000	2041	7	0.6183	1.8597	2.7457
R2105000196	4	10/18/2024	\$ 603,300	\$ 925,000	2041	7	0.6522	2.3878	2.4347
R2024351123	4	5/15/2025	\$ 842,000	\$1,260,000	2041	7	0.6683	1.2540	2.2877
R3811120252	4	5/30/2025	\$ 702,700	\$1,050,000	2041	7	0.6692	0.8713	2.2786
R9511381080	4	4/30/2025	\$ 737,700	\$1,100,000	2041	7	0.6706	0.3373	2.2658
R1059490120	4	3/31/2025	\$ 658,700	\$ 972,900	2041	7	0.6770	1.5426	2.2070
R8510520020	4	5/1/2025	\$ 765,200	\$1,125,000	2041	7	0.6802	0.0823	2.1783
R9215520040	4	6/18/2025	\$ 844,100	\$1,237,000	2041	7	0.6824	1.2860	2.1582
R4996620010	4	5/2/2025	\$ 853,600	\$1,250,000	2041	7	0.6829	1.4310	2.1535
S0930438492	4	6/26/2025	\$ 670,300	\$ 980,000	2041	7	0.6840	1.3656	2.1435
R8266010090	4	6/11/2025	\$ 663,800	\$ 967,500	2041	7	0.6861	1.4648	2.1240
S0629212440	4	4/15/2025	\$ 690,500	\$ 999,000	2041	7	0.6912	1.0574	2.0773
R1013500492	4	4/18/2025	\$ 777,900	\$1,098,888	2041	7	0.7079	0.2760	1.9241
R1126001210	4	6/20/2025	\$ 813,800	\$1,140,000	2041	7	0.7139	0.8237	1.8695
R5935000040	4	6/25/2025	\$ 713,400	\$ 994,000	2041	7	0.7177	0.7080	1.8342
R9227660125	4	6/13/2025	\$ 754,100	\$1,048,000	2041	7	0.7196	0.0871	1.8172
R9529170260	4	4/18/2025	\$ 757,300	\$1,047,000	2041	7	0.7233	0.0383	1.7828
R2940720150	4	9/22/2025	\$ 826,400	\$1,125,000	26	7	0.7346	1.0160	1.6795
R5983900130	4	5/16/2025	\$ 893,500	\$1,210,000	2041	7	0.7384	2.0397	1.6441

R1126001330	4	8/29/2025	\$ 757,900	\$1,020,000	2041	7	0.7430	0.0291	1.6019
S0619141860	4	2/21/2025	\$ 688,400	\$ 915,000	2041	7	0.7523	1.0895	1.5165
R7104001120	4	1/23/2025	\$ 717,100	\$ 950,000	2041	7	0.7548	0.6516	1.4936
R7100400285	4	6/11/2025	\$ 755,200	\$ 995,000	2041	7	0.7590	0.0703	1.4556
R1624000355	4	5/27/2025	\$ 683,700	\$ 900,000	2041	7	0.7597	1.1612	1.4494
R2343000545	4	6/30/2025	\$ 762,700	\$1,000,000	2041	7	0.7627	0.0441	1.4216
R9227770154	4	6/2/2025	\$ 744,400	\$ 975,000	2041	7	0.7635	0.2351	1.4144
R9227760155	4	6/10/2025	\$ 683,800	\$ 893,000	2041	7	0.7657	1.1596	1.3938
R1580860070	4	11/1/2024	\$ 670,800	\$ 875,000	2041	7	0.7666	1.3580	1.3856
R3610190230	4	5/23/2025	\$ 885,200	\$1,150,000	1537	7	0.7697	1.9131	1.3570
R2039252465	4	5/15/2025	\$ 848,800	\$1,085,000	2041	7	0.7823	1.3577	1.2418
S1024325835	4	8/1/2025	\$ 863,700	\$1,100,000	2041	7	0.7852	1.5851	1.2154
R8048680680	4	8/11/2025	\$ 716,100	\$ 910,000	2041	7	0.7869	0.6668	1.1995
R7074640140	4	10/15/2024	\$ 694,600	\$ 878,000	2041	7	0.7911	0.9949	1.1610
S1018244225	4	8/14/2025	\$ 801,100	\$1,009,000	2041	7	0.7940	0.6300	1.1350
R8036140090	4	7/22/2025	\$ 715,000	\$ 899,900	2041	7	0.7945	0.6836	1.1297
R7074640160	4	8/20/2025	\$ 696,600	\$ 875,000	2041	7	0.7961	0.9644	1.1152
R1073780390	4	5/14/2025	\$ 678,800	\$ 851,000	1537	7	0.7976	1.2359	1.1011
R8266000382	4	8/22/2025	\$ 679,100	\$ 839,900	2041	7	0.8085	1.2313	1.0012
R6121320005	4	5/30/2025	\$ 764,800	\$ 945,000	2041	7	0.8093	0.0762	0.9942
R7074640200	4	6/20/2025	\$ 682,300	\$ 840,000	2041	7	0.8123	1.1825	0.9671
R3610300740	4	4/22/2025	\$ 792,200	\$ 975,000	1537	7	0.8125	0.4942	0.9648
R1075000012	4	7/1/2025	\$ 739,900	\$ 909,900	2041	7	0.8132	0.3037	0.9588
R5125550230	4	6/26/2025	\$ 708,200	\$ 870,000	2041	7	0.8140	0.7874	0.9510
R6042350040	4	7/23/2025	\$ 800,200	\$ 979,000	1537	7	0.8174	0.6163	0.9203
R8048690060	4	9/3/2025	\$ 749,600	\$ 915,000	2041	7	0.8192	0.1557	0.9032
R5207001105	4	2/28/2025	\$ 712,500	\$ 865,000	2041	7	0.8237	0.7218	0.8622
R8059180200	4	8/22/2025	\$ 783,300	\$ 950,000	26	7	0.8245	0.3584	0.8546
R5350500550	4	7/29/2025	\$ 672,300	\$ 815,000	2041	7	0.8249	1.3351	0.8511
R8511280930	4	8/15/2025	\$ 659,800	\$ 799,000	26	7	0.8258	1.5258	0.8431
R1277000320	4	7/30/2025	\$ 768,100	\$ 930,000	1537	7	0.8259	0.1265	0.8419
R1719410230	4	8/6/2025	\$ 723,600	\$ 875,000	2041	7	0.8270	0.5524	0.8322
S0629428045	4	6/11/2025	\$ 785,900	\$ 950,000	2041	7	0.8273	0.3981	0.8295
R1023290430	4	8/6/2025	\$ 660,200	\$ 797,900	2041	7	0.8274	1.5197	0.8281
R1023290210	4	7/2/2025	\$ 700,000	\$ 845,000	2041	7	0.8284	0.9125	0.8191
R2037750110	4	6/20/2025	\$ 770,700	\$ 930,000	2041	7	0.8287	0.1662	0.8163
R2884050175	4	5/19/2025	\$ 669,900	\$ 806,000	2041	7	0.8311	1.3717	0.7940
R6042340220	4	6/26/2025	\$ 723,600	\$ 870,000	1537	7	0.8317	0.5524	0.7886
R5134030025	4	6/13/2025	\$ 831,400	\$ 997,000	2041	7	0.8339	1.0923	0.7687
R2336000050	4	8/1/2025	\$ 698,100	\$ 836,000	2041	7	0.8350	0.9415	0.7582
R3695650070	4	6/26/2025	\$ 711,300	\$ 850,000	2041	7	0.8368	0.7401	0.7419
R3610300650	4	2/6/2025	\$ 758,100	\$ 905,000	1537	7	0.8377	0.0261	0.7340
R9511380140	4	9/2/2025	\$ 711,200	\$ 849,000	2041	7	0.8377	0.7416	0.7339
R0541500210	4	8/28/2025	\$ 685,100	\$ 815,000	2041	7	0.8406	1.1398	0.7071

R2037750140	4	5/15/2025	\$ 790,700	\$ 940,000	2041	7	0.8412	0.4713	0.7020
R8532550100	4	8/22/2025	\$ 715,100	\$ 849,000	2041	7	0.8423	0.6821	0.6918
R2037750130	4	6/30/2025	\$ 770,700	\$ 914,900	2041	7	0.8424	0.1662	0.6909
R4931640130	4	4/14/2025	\$ 754,100	\$ 895,000	2041	7	0.8426	0.0871	0.6892
R8226700440	4	6/12/2025	\$ 770,300	\$ 914,000	2041	7	0.8428	0.1601	0.6873
R2884040290	4	8/15/2025	\$ 730,200	\$ 865,000	2041	7	0.8442	0.4517	0.6746
R3610290520	4	4/16/2025	\$ 869,900	\$1,029,000	1537	7	0.8454	1.6797	0.6634
R8511280950	4	4/25/2025	\$ 803,800	\$ 950,000	26	7	0.8461	0.6712	0.6568
R3482150323	4	9/29/2025	\$ 677,500	\$ 800,000	2041	7	0.8469	1.2558	0.6497
R9227740015	4	4/7/2025	\$ 788,800	\$ 930,000	2041	7	0.8482	0.4423	0.6378
R3482150835	4	5/19/2025	\$ 702,200	\$ 826,300	2041	7	0.8498	0.8789	0.6228
R6042370160	4	10/25/2024	\$ 777,500	\$ 914,900	1537	7	0.8498	0.2699	0.6227
R7594000220	4	5/12/2025	\$ 737,900	\$ 867,750	2041	7	0.8504	0.3342	0.6177
R8059160180	4	2/28/2025	\$ 795,800	\$ 935,000	26	7	0.8511	0.5491	0.6107
R0805500630	4	5/6/2025	\$ 693,800	\$ 815,000	2041	7	0.8513	1.0071	0.6092
R8226680770	4	5/15/2025	\$ 729,900	\$ 855,000	2041	7	0.8537	0.4563	0.5873
R1479000440	4	8/8/2025	\$ 785,700	\$ 920,000	2041	7	0.8540	0.3950	0.5842
R6042340310	4	9/30/2025	\$ 845,600	\$ 990,000	1537	7	0.8541	1.3089	0.5831
R8059150250	4	7/17/2025	\$ 855,600	\$1,000,000	26	7	0.8556	1.4615	0.5697
R0805500690	4	1/31/2025	\$ 697,400	\$ 814,900	2041	7	0.8558	0.9521	0.5678
R3482170360	4	5/12/2025	\$ 731,100	\$ 849,900	2041	7	0.8602	0.4380	0.5273
R6042370140	4	10/28/2024	\$ 838,800	\$ 975,000	1537	7	0.8603	1.2052	0.5265
R5134030022	4	8/1/2025	\$ 727,000	\$ 845,000	2041	7	0.8604	0.5005	0.5261
R3610161110	4	6/26/2025	\$ 844,500	\$ 979,500	1537	7	0.8622	1.2921	0.5094
R8532550330	4	9/19/2025	\$ 793,800	\$ 920,000	2041	7	0.8628	0.5186	0.5034
R1126001715	4	7/25/2025	\$ 876,500	\$1,015,000	2041	7	0.8635	1.7804	0.4968
R6042361240	4	9/12/2025	\$ 755,700	\$ 875,000	1537	7	0.8637	0.0627	0.4958
R9242270050	4	11/22/2024	\$ 862,300	\$ 998,000	2041	7	0.8640	1.5637	0.4924
R6042361100	4	7/24/2025	\$ 769,100	\$ 890,000	1537	7	0.8642	0.1418	0.4912
R8079520500	4	9/25/2025	\$ 670,600	\$ 775,000	2041	7	0.8653	1.3610	0.4808
R1951750030	4	10/24/2024	\$ 671,600	\$ 775,000	2041	7	0.8666	1.3458	0.4690
R6042400840	4	10/31/2024	\$ 754,100	\$ 869,900	1537	7	0.8669	0.0871	0.4662
R8226720510	4	10/11/2024	\$ 724,200	\$ 835,000	2041	7	0.8673	0.5433	0.4624
R1719410310	4	5/23/2025	\$ 801,700	\$ 924,000	2041	7	0.8676	0.6391	0.4593
R1721000036	4	3/24/2025	\$ 778,400	\$ 897,000	2041	7	0.8678	0.2837	0.4580
R0805500680	4	8/12/2025	\$ 691,700	\$ 796,000	2041	7	0.8690	1.0391	0.4471
R2348790250	4	7/25/2025	\$ 756,200	\$ 868,000	2041	7	0.8712	0.0550	0.4267
R5713430330	4	8/22/2025	\$ 675,500	\$ 774,000	2041	7	0.8727	1.2863	0.4125
R1126001595	4	12/20/2024	\$ 851,200	\$ 975,000	2041	7	0.8730	1.3944	0.4099
R3482151616	4	5/14/2025	\$ 864,900	\$ 988,000	2041	7	0.8754	1.6034	0.3881
S0629212860	4	9/26/2025	\$ 766,700	\$ 875,000	2041	7	0.8762	0.1052	0.3805
R3482151015	4	6/20/2025	\$ 684,500	\$ 781,000	2041	7	0.8764	1.1490	0.3786
R3610290690	4	3/19/2025	\$ 846,000	\$ 965,000	1537	7	0.8767	1.3150	0.3764
R0367000271	4	3/31/2025	\$ 846,900	\$ 965,000	2041	7	0.8776	1.3288	0.3678

R8313180120	4	5/8/2025	\$ 878,600	\$1,000,000	2041	7	0.8786	1.8124	0.3588
R7198560560	4	10/17/2024	\$ 749,600	\$ 850,000	2041	7	0.8819	0.1557	0.3287
R1955000500	4	8/1/2025	\$ 766,600	\$ 867,500	2041	7	0.8837	0.1036	0.3121
R3610350650	4	1/31/2025	\$ 795,800	\$ 900,000	1537	7	0.8842	0.5491	0.3072
R6042370040	4	12/4/2024	\$ 804,900	\$ 910,000	1537	7	0.8845	0.6880	0.3046
R3812730100	4	6/25/2025	\$ 679,700	\$ 768,000	2041	7	0.8850	1.2222	0.2999
R3641500065	4	4/11/2025	\$ 783,700	\$ 885,000	2041	7	0.8855	0.3645	0.2952
R6991130220	4	10/28/2024	\$ 752,800	\$ 849,900	2041	7	0.8858	0.1069	0.2932
R8394770110	4	10/8/2024	\$ 663,700	\$ 749,000	2041	7	0.8861	1.4663	0.2899
R1277000250	4	10/11/2024	\$ 678,400	\$ 765,000	1537	7	0.8868	1.2420	0.2836
R0805500590	4	3/21/2025	\$ 781,600	\$ 879,500	2041	7	0.8887	0.3325	0.2663
R3616570076	4	2/19/2025	\$ 710,400	\$ 799,000	2041	7	0.8891	0.7538	0.2624
R3053000250	4	8/14/2025	\$ 669,600	\$ 753,000	2041	7	0.8892	1.3763	0.2612
R1618170290	4	12/4/2024	\$ 720,700	\$ 810,000	2041	7	0.8898	0.5967	0.2565
R3482190160	4	5/30/2025	\$ 791,900	\$ 889,000	2041	7	0.8908	0.4896	0.2471
R8079520100	4	1/30/2025	\$ 722,600	\$ 810,000	2041	7	0.8921	0.5677	0.2350
R0843330160	4	8/8/2025	\$ 687,300	\$ 770,000	2041	7	0.8926	1.1062	0.2304
R1719540210	4	12/4/2024	\$ 660,700	\$ 740,000	2041	7	0.8928	1.5121	0.2282
R8048550290	4	3/21/2025	\$ 702,900	\$ 787,000	1537	7	0.8931	0.8682	0.2255
R5983900660	4	8/29/2025	\$ 853,700	\$ 955,000	2041	7	0.8939	1.4325	0.2182
R8226670530	4	11/13/2024	\$ 734,500	\$ 821,000	2041	7	0.8946	0.3861	0.2117
R5125720230	4	10/24/2024	\$ 753,000	\$ 841,600	2041	7	0.8947	0.1039	0.2109
R0805500510	4	3/10/2025	\$ 715,000	\$ 799,000	2041	7	0.8949	0.6836	0.2096
R5738710290	4	7/16/2025	\$ 707,100	\$ 789,900	2041	7	0.8952	0.8042	0.2068
R1479000080	4	7/31/2025	\$ 734,200	\$ 820,000	2041	7	0.8954	0.3907	0.2050
R3616660130	4	7/1/2025	\$ 665,200	\$ 742,700	2041	7	0.8957	1.4434	0.2024
R8222590310	4	7/18/2025	\$ 672,200	\$ 750,000	2041	7	0.8963	1.3366	0.1968
R6042340150	4	5/5/2025	\$ 785,400	\$ 875,000	1537	7	0.8976	0.3905	0.1846
R4694500125	4	10/8/2024	\$ 727,500	\$ 810,000	2041	7	0.8981	0.4929	0.1795
R1309970040	4	6/24/2025	\$ 701,000	\$ 780,000	2041	7	0.8987	0.8972	0.1743
R2038000020	4	5/23/2025	\$ 824,200	\$ 916,500	2041	7	0.8993	0.9824	0.1690
R1719590520	4	10/25/2024	\$ 719,800	\$ 800,000	2041	7	0.8998	0.6104	0.1648
R1719530100	4	2/11/2025	\$ 701,900	\$ 780,000	2041	7	0.8999	0.8835	0.1637
R5738710150	4	6/24/2025	\$ 690,700	\$ 767,500	2041	7	0.8999	1.0544	0.1631
R8123251978	4	1/15/2025	\$ 826,000	\$ 917,500	2041	7	0.9003	1.0099	0.1600
R3482160600	4	11/8/2024	\$ 811,200	\$ 900,000	2041	7	0.9013	0.7841	0.1503
R0805610050	4	3/27/2025	\$ 883,600	\$ 980,000	2041	7	0.9016	1.8887	0.1476
R1943001085	4	2/14/2025	\$ 875,100	\$ 970,000	2041	7	0.9022	1.7590	0.1427
R6042400800	4	8/22/2025	\$ 778,800	\$ 863,000	1537	7	0.9024	0.2898	0.1402
R1719590300	4	4/18/2025	\$ 677,300	\$ 750,000	2041	7	0.9031	1.2588	0.1344
R2336002265	4	3/24/2025	\$ 720,800	\$ 798,000	2041	7	0.9033	0.5951	0.1327
R1035120352	4	6/30/2025	\$ 808,700	\$ 895,000	2041	7	0.9036	0.7459	0.1298
R2107250030	4	12/5/2024	\$ 840,800	\$ 929,900	2041	7	0.9042	1.2357	0.1242
R2884030015	4	12/13/2024	\$ 839,200	\$ 928,000	2041	7	0.9043	1.2113	0.1230

R8390000890	4	5/2/2025	\$ 700,900	\$ 775,000	2041	7	0.9044	0.8987	0.1223
R2038000530	4	6/18/2025	\$ 842,100	\$ 930,000	2041	7	0.9055	1.2555	0.1123
R2825140080	4	8/12/2025	\$ 793,100	\$ 875,000	2041	7	0.9064	0.5079	0.1039
R1719410260	4	10/4/2024	\$ 734,400	\$ 810,000	2041	7	0.9067	0.3876	0.1014
R8048670050	4	9/19/2025	\$ 696,100	\$ 767,500	2041	7	0.9070	0.9720	0.0986
R5125410270	4	8/8/2025	\$ 757,400	\$ 835,000	2041	7	0.9071	0.0367	0.0978
R3616540200	4	11/7/2024	\$ 767,500	\$ 846,000	2041	7	0.9072	0.1174	0.0964
S0619120775	4	7/30/2025	\$ 831,100	\$ 915,000	2041	7	0.9083	1.0877	0.0864
R2037750100	4	8/8/2025	\$ 817,000	\$ 899,000	2041	7	0.9088	0.8726	0.0820
R8222920060	4	8/7/2025	\$ 668,400	\$ 735,000	1537	7	0.9094	1.3946	0.0765
R7724000085	4	2/19/2025	\$ 795,800	\$ 875,000	2041	7	0.9095	0.5491	0.0756
R3616550145	4	10/23/2024	\$ 727,500	\$ 799,900	2041	7	0.9095	0.4929	0.0755
R6120401900	4	6/17/2025	\$ 773,500	\$ 850,000	2041	7	0.9100	0.2089	0.0708
R7084240050	4	10/25/2024	\$ 796,300	\$ 875,000	2041	7	0.9101	0.5568	0.0703
R8528680140	4	4/7/2025	\$ 744,600	\$ 818,000	2041	7	0.9103	0.2320	0.0684
R9227250100	4	12/6/2024	\$ 842,000	\$ 925,000	2041	7	0.9103	1.2540	0.0684
R3616510150	4	9/25/2025	\$ 696,400	\$ 765,000	2041	7	0.9103	0.9674	0.0678
R8226671020	4	12/12/2024	\$ 774,800	\$ 850,000	2041	7	0.9115	0.2287	0.0568
R9437520270	4	2/7/2025	\$ 702,300	\$ 770,000	2041	7	0.9121	0.8774	0.0518
R5125660110	4	1/16/2025	\$ 697,800	\$ 764,900	2041	7	0.9123	0.9460	0.0500
R8226700350	4	2/11/2025	\$ 821,700	\$ 900,000	2041	7	0.9130	0.9443	0.0433
R9227970010	4	9/3/2025	\$ 774,300	\$ 848,000	2041	7	0.9131	0.2211	0.0425
R6121370120	4	7/14/2025	\$ 808,600	\$ 885,000	2041	7	0.9137	0.7444	0.0372
R0805500810	4	9/18/2025	\$ 722,100	\$ 790,000	2041	7	0.9141	0.5753	0.0337
R1719470040	4	1/8/2025	\$ 827,300	\$ 905,000	2041	7	0.9141	1.0297	0.0328
R4576240060	4	3/20/2025	\$ 873,600	\$ 954,000	2041	7	0.9157	1.7361	0.0184
R5854000611	4	2/12/2025	\$ 892,900	\$ 975,000	2041	7	0.9158	2.0306	0.0177
R7475790090	4	1/31/2025	\$ 709,800	\$ 775,000	2041	7	0.9159	0.7630	0.0170
R3610160330	4	6/25/2025	\$ 710,600	\$ 775,000	1537	7	0.9169	0.7508	0.0075
R7100480230	4	11/14/2024	\$ 709,100	\$ 772,900	2041	7	0.9175	0.7736	0.0025
R5125670120	4	12/31/2024	\$ 756,900	\$ 825,000	2041	7	0.9175	0.0444	0.0025
R5738710280	4	6/30/2025	\$ 688,100	\$ 750,000	2041	7	0.9175	1.0940	0.0024
R3641750090	4	8/22/2025	\$ 766,700	\$ 834,900	2041	7	0.9183	0.1052	0.0054
R6042370980	4	9/3/2025	\$ 668,800	\$ 728,000	1537	7	0.9187	1.3885	0.0088
R6991130560	4	10/9/2024	\$ 767,400	\$ 834,900	2041	7	0.9192	0.1158	0.0131
R8222590060	4	10/18/2024	\$ 753,800	\$ 820,000	2041	7	0.9193	0.0917	0.0141
R9227780102	4	1/28/2025	\$ 790,000	\$ 859,000	2041	7	0.9197	0.4606	0.0179
R9227660090	4	11/27/2024	\$ 862,900	\$ 938,000	2041	7	0.9199	1.5729	0.0203
R1719520430	4	6/20/2025	\$ 783,100	\$ 851,000	2041	7	0.9202	0.3554	0.0228
R2039100695	4	6/11/2025	\$ 699,500	\$ 760,000	2041	7	0.9204	0.9201	0.0245
R5350500430	4	9/16/2025	\$ 671,900	\$ 730,000	2041	7	0.9204	1.3412	0.0246
R1624001966	4	10/30/2024	\$ 809,500	\$ 879,000	2041	7	0.9209	0.7581	0.0294
R7100400215	4	4/18/2025	\$ 703,000	\$ 763,000	2041	7	0.9214	0.8667	0.0334
R6042400720	4	1/10/2025	\$ 774,000	\$ 839,900	1537	7	0.9215	0.2165	0.0350

R7334201140	4	2/20/2025	\$ 626,900	\$ 680,000	20	7	0.9219	2.0278	0.0384
R1650000020	4	11/14/2024	\$ 888,000	\$ 962,500	2041	7	0.9226	1.9558	0.0447
R7997000462	4	5/9/2025	\$ 673,800	\$ 730,000	2041	7	0.9230	1.3122	0.0485
R5861760010	4	10/2/2024	\$ 793,900	\$ 860,000	2041	7	0.9231	0.5201	0.0496
R5713760040	4	7/9/2025	\$ 821,600	\$ 890,000	2041	7	0.9231	0.9428	0.0497
R6042401200	4	3/20/2025	\$ 715,700	\$ 775,000	1537	7	0.9235	0.6729	0.0528
R7789020180	4	8/5/2025	\$ 666,100	\$ 721,000	2041	7	0.9239	1.4297	0.0562
R8763270290	4	4/7/2025	\$ 670,700	\$ 725,000	2041	7	0.9251	1.3595	0.0677
R9035000025	4	2/14/2025	\$ 782,700	\$ 845,000	2041	7	0.9263	0.3493	0.0784
R8448560060	4	2/20/2025	\$ 790,100	\$ 852,501	2041	7	0.9268	0.4622	0.0832
R1580500109	4	12/5/2024	\$ 737,200	\$ 795,000	2041	7	0.9273	0.3449	0.0878
R2024360495	4	9/5/2025	\$ 832,100	\$ 897,000	2041	7	0.9276	1.1029	0.0910
R5738710210	4	5/30/2025	\$ 682,000	\$ 735,000	2041	7	0.9279	1.1871	0.0932
R9511370400	4	10/25/2024	\$ 710,200	\$ 765,000	2041	7	0.9284	0.7569	0.0976
R8222250030	4	1/6/2025	\$ 789,600	\$ 850,000	2041	7	0.9289	0.4545	0.1028
R1032730100	4	10/4/2024	\$ 728,000	\$ 782,980	2041	7	0.9298	0.4853	0.1105
R7475340100	4	8/4/2025	\$ 883,500	\$ 949,900	2041	7	0.9301	1.8872	0.1135
R1073800370	4	2/21/2025	\$ 665,500	\$ 715,000	1537	7	0.9308	1.4388	0.1196
R5854000250	4	11/6/2024	\$ 830,500	\$ 892,000	2041	7	0.9311	1.0785	0.1222
R7284740250	4	3/20/2025	\$ 745,400	\$ 800,000	2041	7	0.9318	0.2198	0.1286
R0367000082	4	11/15/2024	\$ 744,700	\$ 799,000	2041	7	0.9320	0.2305	0.1313
R3616550130	4	6/26/2025	\$ 772,400	\$ 827,500	2041	7	0.9334	0.1921	0.1439
S0629212700	4	4/14/2025	\$ 709,400	\$ 760,000	2041	7	0.9334	0.7691	0.1439
R5125660300	4	11/14/2024	\$ 756,400	\$ 810,000	2041	7	0.9338	0.0520	0.1476
R1640780220	4	4/30/2025	\$ 845,300	\$ 905,000	26	7	0.9340	1.3043	0.1495
R2892970080	4	6/26/2025	\$ 873,700	\$ 935,000	2041	7	0.9344	1.7376	0.1533
R3482160970	4	6/26/2025	\$ 837,500	\$ 895,100	2041	7	0.9356	1.1853	0.1644
R1281000005	4	11/4/2024	\$ 720,500	\$ 770,000	2041	7	0.9357	0.5997	0.1650
R1479000160	4	5/29/2025	\$ 688,000	\$ 735,000	2041	7	0.9361	1.0956	0.1681
R5710500360	4	7/9/2025	\$ 757,700	\$ 807,999	2041	7	0.9377	0.0322	0.1836
R4576240180	4	2/14/2025	\$ 873,600	\$ 930,189	2041	7	0.9392	1.7361	0.1966
R1943000365	4	6/20/2025	\$ 706,300	\$ 752,000	2041	7	0.9392	0.8164	0.1972
R3610300030	4	11/21/2024	\$ 809,700	\$ 862,000	1537	7	0.9393	0.7612	0.1981
S1126314890	4	10/25/2024	\$ 676,200	\$ 719,000	1234	7	0.9405	1.2756	0.2086
R4933120060	4	11/22/2024	\$ 770,400	\$ 819,000	2041	7	0.9407	0.1616	0.2103
R9276220030	4	1/31/2025	\$ 714,400	\$ 759,000	2041	7	0.9412	0.6928	0.2156
R1798500390	4	4/18/2025	\$ 706,100	\$ 749,900	2041	7	0.9416	0.8194	0.2189
R3616590205	4	3/31/2025	\$ 800,600	\$ 850,000	2041	7	0.9419	0.6224	0.2215
R5710500220	4	8/28/2025	\$ 734,900	\$ 780,000	2041	7	0.9422	0.3800	0.2242
R1592010100	4	10/30/2024	\$ 669,400	\$ 710,000	2041	7	0.9428	1.3793	0.2301
R6120402362	4	7/14/2025	\$ 833,500	\$ 884,000	2041	7	0.9429	1.1243	0.2306
R1577000125	4	10/15/2024	\$ 792,300	\$ 840,000	2041	7	0.9432	0.4957	0.2337
R1955010322	4	5/16/2025	\$ 660,300	\$ 700,000	2041	7	0.9433	1.5182	0.2344
R2884000445	4	10/22/2024	\$ 754,900	\$ 799,999	2041	7	0.9436	0.0749	0.2375

R1719761100	4	5/22/2025	\$ 670,100	\$ 710,000	2041	7	0.9438	1.3687	0.2391
R0879520040	4	5/19/2025	\$ 864,500	\$ 915,000	2041	7	0.9448	1.5973	0.2484
R2038000180	4	12/13/2024	\$ 795,900	\$ 842,000	2041	7	0.9452	0.5507	0.2524
S1002233870	4	1/3/2025	\$ 791,900	\$ 837,000	2041	7	0.9461	0.4896	0.2603
R0879510560	4	3/28/2025	\$ 818,500	\$ 865,000	2041	7	0.9462	0.8955	0.2615
R5299000062	4	10/31/2024	\$ 785,900	\$ 830,000	2041	7	0.9469	0.3981	0.2672
R3616640095	4	10/10/2024	\$ 704,200	\$ 743,589	2041	7	0.9470	0.8484	0.2687
R5538912040	4	5/6/2025	\$ 701,300	\$ 740,000	2041	7	0.9477	0.8926	0.2749
R1292650836	4	11/1/2024	\$ 754,900	\$ 795,400	2041	7	0.9491	0.0749	0.2875
R1126001605	4	12/9/2024	\$ 778,600	\$ 820,000	2041	7	0.9495	0.2867	0.2915
R8037320220	4	6/5/2025	\$ 871,400	\$ 917,000	2041	7	0.9503	1.7025	0.2985
R6042371140	4	3/3/2025	\$ 730,400	\$ 768,000	1537	7	0.9510	0.4487	0.3055
S0629325417	4	11/15/2024	\$ 737,100	\$ 775,000	2041	7	0.9511	0.3465	0.3060
R7198560580	4	11/21/2024	\$ 746,900	\$ 785,000	2041	7	0.9515	0.1969	0.3094
R8048900035	4	11/8/2024	\$ 732,700	\$ 770,000	2041	7	0.9516	0.4136	0.3102
R2734250470	4	11/8/2024	\$ 680,400	\$ 715,000	2041	7	0.9516	1.2115	0.3107
R3482170060	4	1/3/2025	\$ 747,400	\$ 785,000	2041	7	0.9521	0.1893	0.3152
R1719580020	4	5/2/2025	\$ 856,300	\$ 899,000	2041	7	0.9525	1.4722	0.3189
R1719560160	4	4/3/2025	\$ 857,300	\$ 900,000	2041	7	0.9526	1.4874	0.3194
R3482170310	4	10/2/2024	\$ 714,800	\$ 749,900	2041	7	0.9532	0.6867	0.3252
R1719520400	4	7/17/2025	\$ 753,500	\$ 789,900	2041	7	0.9539	0.0962	0.3319
R8763270610	4	9/22/2025	\$ 677,300	\$ 710,000	2041	7	0.9539	1.2588	0.3321
R8763270690	4	5/6/2025	\$ 692,000	\$ 724,900	2041	7	0.9546	1.0345	0.3383
R3482160350	4	11/8/2024	\$ 740,000	\$ 775,000	2041	7	0.9548	0.3022	0.3403
R3610150330	4	11/15/2024	\$ 858,500	\$ 899,000	1537	7	0.9549	1.5057	0.3413
R6121320105	4	10/9/2024	\$ 835,600	\$ 875,000	2041	7	0.9550	1.1563	0.3415
R1719680150	4	3/12/2025	\$ 678,400	\$ 710,000	2041	7	0.9555	1.2420	0.3463
R9206000240	4	10/25/2024	\$ 764,700	\$ 800,000	2041	7	0.9559	0.0746	0.3498
R1601070142	4	6/2/2025	\$ 694,000	\$ 725,000	2041	7	0.9572	1.0040	0.3624
R6120402830	4	5/9/2025	\$ 747,500	\$ 780,000	2041	7	0.9583	0.1878	0.3724
R3482230140	4	4/25/2025	\$ 795,900	\$ 830,000	2041	7	0.9589	0.5507	0.3777
R8222610100	4	6/5/2025	\$ 666,800	\$ 695,000	2041	7	0.9594	1.4190	0.3824
R6120402510	4	7/18/2025	\$ 695,600	\$ 725,000	2041	7	0.9594	0.9796	0.3826
R5125660510	4	4/2/2025	\$ 768,200	\$ 800,000	2041	7	0.9603	0.1280	0.3899
R2884060630	4	11/20/2024	\$ 839,000	\$ 870,000	2041	7	0.9644	1.2082	0.4277
R5308270390	4	10/17/2024	\$ 669,900	\$ 693,000	2041	7	0.9667	1.3717	0.4488
R7100400300	4	7/10/2025	\$ 716,000	\$ 740,000	2041	7	0.9676	0.6684	0.4570
R0031710360	4	8/13/2025	\$ 889,600	\$ 919,000	2041	7	0.9680	1.9802	0.4611
R9227500775	4	11/19/2024	\$ 678,400	\$ 700,000	2041	7	0.9691	1.2420	0.4715
R2037750040	4	12/23/2024	\$ 775,600	\$ 799,999	2041	7	0.9695	0.2409	0.4748
R3610190400	4	3/20/2025	\$ 728,600	\$ 750,000	1537	7	0.9715	0.4761	0.4928
R5125720020	4	2/3/2025	\$ 753,000	\$ 775,000	2041	7	0.9716	0.1039	0.4941
R5159320160	4	5/23/2025	\$ 704,600	\$ 725,000	2041	7	0.9719	0.8423	0.4964
R3610191140	4	5/9/2025	\$ 702,900	\$ 721,900	1537	7	0.9737	0.8682	0.5131

R5125650100	4	3/28/2025	\$ 678,400	\$ 696,250	2041	7	0.9744	1.2420	0.5194
R3616250175	4	9/5/2025	\$ 660,800	\$ 678,000	2041	7	0.9746	1.5105	0.5218
R6042350480	4	7/16/2025	\$ 702,000	\$ 720,000	1537	7	0.9750	0.8820	0.5252
R6042340020	4	5/5/2025	\$ 687,900	\$ 705,000	1537	7	0.9757	1.0971	0.5320
R8222630760	4	3/24/2025	\$ 659,200	\$ 674,900	2041	7	0.9767	1.5350	0.5411
R3610160550	4	9/5/2025	\$ 732,500	\$ 749,000	1537	7	0.9780	0.4166	0.5524
R5125720140	4	7/23/2025	\$ 866,200	\$ 885,000	2041	7	0.9788	1.6232	0.5597
R8048570050	4	12/9/2024	\$ 808,300	\$ 825,000	1537	7	0.9798	0.7398	0.5688
R8222740230	4	11/12/2024	\$ 710,600	\$ 725,000	1537	7	0.9801	0.7508	0.5723
R3856001905	4	9/19/2025	\$1,201,000	\$1,225,000	2041	7	0.9804	6.7312	0.5748
R6026040080	4	11/26/2024	\$ 716,100	\$ 730,000	2041	7	0.9810	0.6668	0.5798
R0512670100	4	10/25/2024	\$ 770,200	\$ 784,900	2041	7	0.9813	0.1586	0.5827
R6042340180	4	5/27/2025	\$ 687,100	\$ 700,000	1537	7	0.9816	1.1093	0.5855
R6901200030	4	11/22/2024	\$ 726,400	\$ 740,000	2041	7	0.9816	0.5097	0.5859
R5299000869	4	8/12/2025	\$ 785,300	\$ 800,000	2041	7	0.9816	0.3889	0.5860
R8112004997	4	8/12/2025	\$ 876,900	\$ 893,000	2041	7	0.9820	1.7865	0.5891
R9529210053	4	10/8/2024	\$ 834,400	\$ 849,000	2041	7	0.9828	1.1380	0.5968
R6042401620	4	8/22/2025	\$ 688,200	\$ 700,000	1537	7	0.9831	1.0925	0.5999
R3610151220	4	3/5/2025	\$ 666,100	\$ 676,855	1537	7	0.9841	1.4297	0.6087
R8763270732	4	9/30/2025	\$ 733,300	\$ 745,000	2041	7	0.9843	0.4044	0.6104
R1719560250	4	4/1/2025	\$ 765,100	\$ 777,000	2041	7	0.9847	0.0807	0.6140
R6042370940	4	7/1/2025	\$ 711,700	\$ 722,500	1537	7	0.9851	0.7340	0.6174
R1719520440	4	4/30/2025	\$ 787,100	\$ 799,000	2041	7	0.9851	0.4164	0.6179
R6120500100	4	12/30/2024	\$ 832,600	\$ 845,000	2041	7	0.9853	1.1106	0.6199
R1719520340	4	8/8/2025	\$ 803,500	\$ 815,000	2041	7	0.9859	0.6666	0.6251
R6121320085	4	7/8/2025	\$ 813,400	\$ 825,000	2041	7	0.9859	0.8176	0.6255
R1753012200	4	6/6/2025	\$ 676,500	\$ 685,000	2041	7	0.9876	1.2710	0.6407
R3699000010	4	7/31/2025	\$ 707,300	\$ 715,000	2041	7	0.9892	0.8011	0.6557
R6042370820	4	7/24/2025	\$ 820,100	\$ 828,500	1537	7	0.9899	0.9199	0.6615
R1035130190	4	4/16/2025	\$ 728,200	\$ 735,000	2041	7	0.9907	0.4822	0.6696
R1955010347	4	12/3/2024	\$ 709,800	\$ 715,000	2041	7	0.9927	0.7630	0.6878
R1719760920	4	7/28/2025	\$ 675,600	\$ 680,000	2041	7	0.9935	1.2847	0.6951
R1035190130	4	5/30/2025	\$ 879,800	\$ 885,000	20	7	0.9941	1.8307	0.7006
R7406000965	4	10/2/2024	\$ 853,100	\$ 858,000	2041	7	0.9943	1.4233	0.7021
R6042370900	4	5/20/2025	\$ 751,400	\$ 755,000	1537	7	0.9952	0.1283	0.7107
R7958720080	4	7/11/2025	\$ 677,700	\$ 679,900	2026	7	0.9968	1.2527	0.7248
R7074660650	4	1/10/2025	\$ 772,900	\$ 775,000	2041	7	0.9973	0.1997	0.7296
R2892970220	4	3/5/2025	\$ 807,100	\$ 808,000	2041	7	0.9989	0.7215	0.7442
R5125440280	4	2/28/2025	\$ 889,300	\$ 889,900	2041	7	0.9993	1.9756	0.7483
R5125400060	4	5/30/2025	\$ 734,900	\$ 735,000	2041	7	0.9999	0.3800	0.7532
R7198240030	4	9/2/2025	\$ 831,400	\$ 830,000	2041	7	1.0017	1.0923	0.7699
R1281000100	4	2/3/2025	\$ 826,900	\$ 825,000	2041	7	1.0023	1.0236	0.7756
R3610300410	4	7/31/2025	\$ 676,900	\$ 674,900	1537	7	1.0030	1.2649	0.7816
R5125600200	4	2/21/2025	\$ 780,700	\$ 778,000	2041	7	1.0035	0.3187	0.7863

R1719480360	4	12/2/2024	\$ 767,200	\$ 763,725	2041	7	1.0046	0.1128	0.7962
R9511771180	4	8/26/2025	\$ 663,900	\$ 659,900	2041	7	1.0061	1.4633	0.8100
R3610310670	4	9/30/2025	\$ 670,200	\$ 665,000	1537	7	1.0078	1.3671	0.8262
R1146250035	4	12/5/2024	\$ 706,300	\$ 700,000	2041	7	1.0090	0.8164	0.8370
R3610310130	4	6/30/2025	\$ 671,000	\$ 665,000	1537	7	1.0090	1.3549	0.8372
R5254000070	4	6/11/2025	\$ 762,400	\$ 755,000	2041	7	1.0098	0.0395	0.8443
R6206560090	4	9/12/2025	\$ 788,000	\$ 780,000	2041	7	1.0103	0.4301	0.8485
R1073800510	4	2/17/2025	\$ 697,200	\$ 689,000	1537	7	1.0119	0.9552	0.8636
R2892970160	4	8/15/2025	\$ 867,800	\$ 857,500	2041	7	1.0120	1.6476	0.8646
R8048560010	4	10/11/2024	\$ 729,400	\$ 720,000	1537	7	1.0131	0.4639	0.8742
R1719480150	4	7/9/2025	\$ 663,200	\$ 652,000	2041	7	1.0172	1.4739	0.9120
R5299001080	4	5/12/2025	\$ 681,900	\$ 670,000	2041	7	1.0178	1.1886	0.9173
R3610190670	4	10/16/2024	\$ 687,100	\$ 675,000	1537	7	1.0179	1.1093	0.9188
R3482160240	4	11/12/2024	\$ 749,500	\$ 735,000	2041	7	1.0197	0.1573	0.9354
R1721000425	4	11/19/2024	\$ 729,400	\$ 715,000	2041	7	1.0201	0.4639	0.9391
R1798500615	4	8/11/2025	\$ 719,100	\$ 702,000	2041	7	1.0244	0.6211	0.9778
R1525800380	4	11/15/2024	\$ 684,500	\$ 665,000	2041	7	1.0293	1.1490	1.0234
R8763270512	4	6/20/2025	\$ 727,700	\$ 706,875	2041	7	1.0295	0.4899	1.0246
R2884060360	4	3/12/2025	\$ 700,000	\$ 679,000	2041	7	1.0309	0.9125	1.0381
R1132250033	4	8/15/2025	\$ 796,600	\$ 770,000	2041	7	1.0345	0.5613	1.0712
R6042371000	4	11/15/2024	\$ 666,600	\$ 644,000	1537	7	1.0351	1.4221	1.0763
R8448560010	4	8/11/2025	\$ 778,300	\$ 750,000	2041	7	1.0377	0.2821	1.1005
R3610151694	4	3/10/2025	\$ 714,600	\$ 687,935	1537	7	1.0388	0.6897	1.1099
R5350500370	4	8/26/2025	\$ 671,900	\$ 645,000	2041	7	1.0417	1.3412	1.1369
R2336001335	4	11/5/2024	\$ 891,400	\$ 855,000	2041	7	1.0426	2.0077	1.1449
R3610151624	4	8/14/2025	\$ 701,100	\$ 672,000	1537	7	1.0433	0.8957	1.1515
R6042371020	4	8/5/2025	\$ 725,200	\$ 695,000	1537	7	1.0435	0.5280	1.1529
R3616590260	4	11/27/2024	\$ 888,600	\$ 849,900	2041	7	1.0455	1.9650	1.1720
R4671510550	4	7/15/2025	\$ 758,600	\$ 725,000	2041	7	1.0463	0.0184	1.1794
S0633417590	4	9/9/2025	\$ 788,800	\$ 752,000	2041	7	1.0489	0.4423	1.2032
R7704540160	4	9/26/2025	\$ 818,400	\$ 780,000	2041	7	1.0492	0.8939	1.2059
R7198560600	4	9/12/2025	\$ 743,800	\$ 707,500	2041	7	1.0513	0.2442	1.2249
R3856001630	4	11/15/2024	\$ 883,200	\$ 840,000	2041	7	1.0514	1.8826	1.2261
R1171000412	4	10/11/2024	\$ 826,400	\$ 780,500	1537	7	1.0588	1.0160	1.2937
R4726000047	4	5/30/2025	\$ 735,300	\$ 690,000	2041	7	1.0657	0.3739	1.3565
R1126002060	4	6/9/2025	\$ 669,200	\$ 625,000	2041	7	1.0707	1.3824	1.4030
S0629131270	4	5/7/2025	\$ 697,100	\$ 650,000	2041	7	1.0725	0.9567	1.4189
R3746030116	4	6/27/2025	\$ 794,000	\$ 740,000	2041	7	1.0730	0.5217	1.4236
R9227970290	4	9/5/2025	\$ 703,000	\$ 654,900	2041	7	1.0734	0.8667	1.4280
R3610291450	4	10/15/2024	\$ 682,700	\$ 635,000	1537	7	1.0751	1.1764	1.4433
R6991130520	4	11/15/2024	\$ 710,600	\$ 660,000	2041	7	1.0767	0.7508	1.4575
R9227970380	4	8/28/2025	\$ 678,300	\$ 630,000	2041	7	1.0767	1.2436	1.4575
R3610170190	4	6/30/2025	\$ 743,100	\$ 690,000	1537	7	1.0770	0.2549	1.4601
R3616540035	4	12/31/2024	\$ 764,900	\$ 710,000	2041	7	1.0773	0.0777	1.4635

R7406000830	4	11/18/2024	\$ 762,400	\$ 706,000	2041	7	1.0799	0.0395	1.4870
R3900700010	4	9/17/2025	\$ 723,900	\$ 662,500	2041	7	1.0927	0.5478	1.6043
R6042350390	4	9/30/2025	\$ 668,900	\$ 609,000	1537	7	1.0984	1.3870	1.6564
R0512670200	4	10/1/2024	\$ 770,200	\$ 700,000	2041	7	1.1003	0.1586	1.6741
R5125260340	4	10/7/2024	\$ 758,200	\$ 685,000	2041	7	1.1069	0.0245	1.7344
R7085250115	4	5/2/2025	\$ 886,300	\$ 800,000	20	7	1.1079	1.9299	1.7437
R8303420100	4	8/26/2025	\$ 727,400	\$ 653,500	2041	7	1.1131	0.4944	1.7914
R1580310705	4	8/28/2025	\$ 805,600	\$ 720,000	2041	7	1.1189	0.6986	1.8447
R1013004955	4	11/8/2024	\$ 844,300	\$ 749,900	2041	7	1.1259	1.2891	1.9088
R3729750110	4	9/16/2025	\$ 772,100	\$ 669,300	2041	7	1.1536	0.1875	2.1629
R5308270060	4	11/18/2024	\$ 848,100	\$ 730,000	2041	7	1.1618	1.3471	2.2380
R3616570035	4	4/8/2025	\$ 762,600	\$ 629,900	2041	7	1.2107	0.0426	2.6863
S0619120853	4	7/7/2025	\$ 759,500	\$ 400,000	20	7	1.8988	0.0047	8.9960
R2039250440	5	7/2/2025	\$ 903,800	\$1,800,000	2041	7	0.5021	0.7691	3.2241
R0990000026	5	6/13/2025	\$1,150,200	\$2,050,000	2041	7	0.5611	0.2500	2.7503
S1023346720	5	9/19/2025	\$ 908,500	\$1,585,000	2041	7	0.5732	0.7592	2.6530
R1126002755	5	8/14/2025	\$1,404,600	\$2,300,000	2041	7	0.6107	0.2859	2.3516
R5785000130	5	3/31/2025	\$1,741,200	\$2,838,000	2041	7	0.6135	0.9951	2.3288
R3616251479	5	6/16/2025	\$1,550,500	\$2,500,000	2041	7	0.6202	0.5933	2.2752
R2343000450	5	9/12/2025	\$1,317,500	\$2,100,000	2041	7	0.6274	0.1024	2.2175
R1126002990	5	5/5/2025	\$1,108,100	\$1,690,000	2041	7	0.6557	0.3387	1.9901
R9162000070	5	9/22/2025	\$1,316,500	\$1,975,000	1537	7	0.6666	0.1003	1.9025
R3616760461	5	7/31/2025	\$3,231,200	\$4,728,384	2041	7	0.6834	4.1341	1.7676
R7476310070	5	10/7/2024	\$1,121,200	\$1,609,450	2041	7	0.6966	0.3111	1.6610
R2239340010	5	4/25/2025	\$ 895,600	\$1,275,000	2041	7	0.7024	0.7864	1.6144
R3616580100	5	5/9/2025	\$ 952,400	\$1,335,000	2041	7	0.7134	0.6667	1.5262
R7181810090	5	9/18/2025	\$1,687,900	\$2,349,000	2041	7	0.7186	0.8828	1.4848
R7475790150	5	8/26/2025	\$1,023,800	\$1,400,000	2041	7	0.7313	0.5163	1.3826
R5299001380	5	10/22/2024	\$ 962,100	\$1,315,000	2041	7	0.7316	0.6463	1.3798
S0919314952	5	4/24/2025	\$ 969,900	\$1,325,000	2041	7	0.7320	0.6299	1.3768
R7689230010	5	1/7/2025	\$1,282,200	\$1,750,000	2041	7	0.7327	0.0281	1.3713
R0805500040	5	6/30/2025	\$1,283,200	\$1,740,000	2041	7	0.7375	0.0302	1.3329
R1035190050	5	9/29/2025	\$1,735,800	\$2,350,000	2041	7	0.7386	0.9837	1.3235
R0415500380	5	8/15/2025	\$ 944,200	\$1,278,000	2041	7	0.7388	0.6840	1.3221
S1002120740	5	10/18/2024	\$1,037,000	\$1,398,000	2041	7	0.7418	0.4885	1.2983
R8313180095	5	5/6/2025	\$1,415,400	\$1,880,000	2041	7	0.7529	0.3087	1.2091
R6042300380	5	8/7/2025	\$1,088,000	\$1,440,000	1537	7	0.7556	0.3811	1.1875
R9262000125	5	11/22/2024	\$1,004,500	\$1,325,000	2041	7	0.7581	0.5570	1.1670
R6042301020	5	9/23/2025	\$1,325,600	\$1,748,000	1537	7	0.7584	0.1195	1.1651
R0169000039	5	6/3/2025	\$ 932,800	\$1,225,000	2041	7	0.7615	0.7080	1.1400
R4303000410	5	11/6/2024	\$1,219,100	\$1,600,000	2041	7	0.7619	0.1049	1.1363
R1126003465	5	9/5/2025	\$1,182,900	\$1,550,000	2041	7	0.7632	0.1811	1.1264
R2336002670	5	2/26/2025	\$ 920,000	\$1,200,000	2041	7	0.7667	0.7350	1.0983
R6888120030	5	5/29/2025	\$ 922,100	\$1,200,000	2041	7	0.7684	0.7306	1.0842

R3616700210	5	9/25/2025	\$1,168,200	\$1,515,000	2041	7	0.7711	0.2121	1.0627
R9227720105	5	12/19/2024	\$ 899,300	\$1,160,000	2041	7	0.7753	0.7786	1.0292
R1035120200	5	10/22/2024	\$ 903,600	\$1,165,000	2041	7	0.7756	0.7696	1.0263
R0523750370	5	6/27/2025	\$1,940,800	\$2,500,000	2041	7	0.7763	1.4156	1.0207
R1608730020	5	10/31/2024	\$1,233,900	\$1,580,000	2041	7	0.7809	0.0737	0.9835
R3482110270	5	9/29/2025	\$1,268,700	\$1,619,000	2041	7	0.7836	0.0004	0.9619
R6876001382	5	9/26/2025	\$1,125,400	\$1,433,000	2041	7	0.7853	0.3023	0.9482
R9242270120	5	7/30/2025	\$ 909,200	\$1,155,000	2041	7	0.7872	0.7578	0.9334
R5538912830	5	10/11/2024	\$1,288,800	\$1,635,000	2041	7	0.7883	0.0420	0.9248
R7641000360	5	7/7/2025	\$1,105,000	\$1,400,000	2041	7	0.7893	0.3453	0.9165
R0619790080	5	8/12/2025	\$1,112,500	\$1,406,000	2041	7	0.7913	0.3295	0.9007
R1013510070	5	8/28/2025	\$1,326,700	\$1,675,000	2041	7	0.7921	0.1218	0.8942
R6120402910	5	2/28/2025	\$ 998,700	\$1,257,400	2041	7	0.7943	0.5692	0.8765
R2370330080	5	6/18/2025	\$ 953,100	\$1,198,000	2041	7	0.7956	0.6653	0.8660
R3610350420	5	5/16/2025	\$ 903,900	\$1,135,000	1537	7	0.7964	0.7689	0.8594
R7475380200	5	4/17/2025	\$1,035,700	\$1,300,000	2041	7	0.7967	0.4913	0.8570
R5207000775	5	3/28/2025	\$1,156,500	\$1,451,000	2041	7	0.7970	0.2368	0.8542
R2343000515	5	5/29/2025	\$1,284,100	\$1,600,000	2041	7	0.8026	0.0321	0.8098
R3482160360	5	7/25/2025	\$ 939,600	\$1,170,000	2041	7	0.8031	0.6937	0.8057
R8227280200	5	7/11/2025	\$1,028,200	\$1,280,000	2041	7	0.8033	0.5071	0.8040
R1277140206	5	9/17/2025	\$1,104,700	\$1,375,000	2041	7	0.8034	0.3459	0.8029
R5983920050	5	12/13/2024	\$1,769,900	\$2,200,000	2041	7	0.8045	1.0555	0.7942
R9583920230	5	6/13/2025	\$ 986,400	\$1,225,000	2041	7	0.8052	0.5951	0.7884
R2336000530	5	7/30/2025	\$ 999,300	\$1,240,000	2041	7	0.8059	0.5679	0.7831
R3641500016	5	9/25/2025	\$1,419,400	\$1,761,150	2041	7	0.8060	0.3171	0.7826
R9242370080	5	9/26/2025	\$ 927,400	\$1,150,000	2041	7	0.8064	0.7194	0.7787
R1601000090	5	7/21/2025	\$1,059,500	\$1,312,500	2041	7	0.8072	0.4411	0.7722
R9227780110	5	3/31/2025	\$ 949,200	\$1,175,000	2041	7	0.8078	0.6735	0.7675
R3610300210	5	3/14/2025	\$ 999,000	\$1,225,000	1537	7	0.8155	0.5686	0.7058
R3610290300	5	4/10/2025	\$1,468,500	\$1,800,000	1537	7	0.8158	0.4205	0.7032
R7406000415	5	10/4/2024	\$1,901,600	\$2,325,000	2041	7	0.8179	1.3330	0.6866
R7284740180	5	5/15/2025	\$ 981,200	\$1,195,000	2041	7	0.8211	0.6061	0.6610
R9242370070	5	9/18/2025	\$ 943,200	\$1,144,500	2041	7	0.8241	0.6861	0.6366
R1013500460	5	10/23/2024	\$1,411,000	\$1,695,000	2041	7	0.8324	0.2994	0.5697
R1476180030	5	6/27/2025	\$1,051,800	\$1,260,000	2041	7	0.8348	0.4573	0.5511
R2039250545	5	6/30/2025	\$1,381,600	\$1,650,001	2041	7	0.8373	0.2375	0.5304
R0872750021	5	4/22/2025	\$ 924,900	\$1,100,000	2041	7	0.8408	0.7247	0.5024
R3616250042	5	8/28/2025	\$ 931,600	\$1,100,000	2041	7	0.8469	0.7106	0.4535
R5134030221	5	9/22/2025	\$1,119,600	\$1,318,000	2041	7	0.8495	0.3145	0.4329
R3482170580	5	5/6/2025	\$ 956,000	\$1,125,000	2041	7	0.8498	0.6592	0.4304
R3610300820	5	4/30/2025	\$1,349,500	\$1,585,000	1537	7	0.8514	0.1698	0.4172
R7284760100	5	1/17/2025	\$1,108,600	\$1,300,000	2041	7	0.8528	0.3377	0.4064
R0367000040	5	7/21/2025	\$1,408,700	\$1,650,000	2041	7	0.8538	0.2946	0.3984
R7475830110	5	5/30/2025	\$2,134,700	\$2,500,000	2041	7	0.8539	1.8241	0.3975

R7284380010	5	12/2/2024	\$1,384,800	\$1,620,000	2041	7	0.8548	0.2442	0.3899
R8313180170	5	8/8/2025	\$ 959,800	\$1,120,000	2041	7	0.8570	0.6512	0.3727
R3050010430	5	5/30/2025	\$1,024,300	\$1,195,000	2041	7	0.8572	0.5153	0.3711
R7475320430	5	9/22/2025	\$ 943,900	\$1,100,000	2041	7	0.8581	0.6847	0.3636
R9227750100	5	5/2/2025	\$1,294,300	\$1,505,055	2041	7	0.8600	0.0536	0.3485
R5731000012	5	5/2/2025	\$1,017,900	\$1,175,000	2041	7	0.8663	0.5288	0.2977
R7406000505	5	9/16/2025	\$2,168,200	\$2,500,000	2041	7	0.8673	1.8946	0.2898
R2348790190	5	7/14/2025	\$ 953,600	\$1,099,000	2041	7	0.8677	0.6642	0.2864
R2884040187	5	6/16/2025	\$1,093,500	\$1,260,000	2041	7	0.8679	0.3695	0.2851
R1955010235	5	12/23/2024	\$1,000,800	\$1,149,000	2041	7	0.8710	0.5648	0.2597
R6042250860	5	5/15/2025	\$1,132,700	\$1,300,000	1537	7	0.8713	0.2869	0.2574
R1035140170	5	10/4/2024	\$1,185,300	\$1,359,900	2041	7	0.8716	0.1761	0.2550
S1012223403	5	5/15/2025	\$1,680,200	\$1,925,000	2041	7	0.8728	0.8665	0.2452
R1035150300	5	4/17/2025	\$1,560,300	\$1,784,000	2041	7	0.8746	0.6139	0.2309
R5983870230	5	12/20/2024	\$1,063,900	\$1,216,000	2041	7	0.8749	0.4318	0.2284
R6042250930	5	10/23/2024	\$1,321,800	\$1,510,000	1537	7	0.8754	0.1115	0.2248
R6120402950	5	8/22/2025	\$1,272,500	\$1,451,000	2041	7	0.8770	0.0076	0.2118
R5207000925	5	10/17/2024	\$ 943,900	\$1,070,000	2041	7	0.8821	0.6847	0.1703
R3482110010	5	7/1/2025	\$1,275,200	\$1,443,700	2041	7	0.8833	0.0133	0.1612
R8079520830	5	2/3/2025	\$1,303,000	\$1,475,000	2041	7	0.8834	0.0719	0.1603
R3610350200	5	9/22/2025	\$ 954,300	\$1,080,000	1537	7	0.8836	0.6627	0.1586
R8043260005	5	3/10/2025	\$ 981,800	\$1,110,000	1537	7	0.8845	0.6048	0.1514
R0523750250	5	2/27/2025	\$1,816,200	\$2,050,000	2041	7	0.8860	1.1531	0.1397
R8037290075	5	4/17/2025	\$1,849,600	\$2,087,500	2041	7	0.8860	1.2234	0.1391
R3610160520	5	11/21/2024	\$1,223,000	\$1,380,000	1537	7	0.8862	0.0967	0.1375
R7406001010	5	6/6/2025	\$1,062,000	\$1,198,000	2041	7	0.8865	0.4358	0.1355
R6042250360	5	1/30/2025	\$1,176,100	\$1,325,000	1537	7	0.8876	0.1955	0.1263
R5854000370	5	6/19/2025	\$ 909,900	\$1,025,000	2041	7	0.8877	0.7563	0.1256
R5983890210	5	3/7/2025	\$1,654,300	\$1,859,900	2041	7	0.8895	0.8120	0.1116
R3616590275	5	12/16/2024	\$1,113,100	\$1,250,000	2041	7	0.8905	0.3282	0.1034
R6120510155	5	8/4/2025	\$ 928,800	\$1,040,000	2041	7	0.8931	0.7165	0.0825
R9350740050	5	7/9/2025	\$ 895,800	\$1,002,500	2041	7	0.8936	0.7860	0.0786
R5652310090	5	10/31/2024	\$1,027,900	\$1,150,000	2041	7	0.8938	0.5077	0.0765
R7475370260	5	6/2/2025	\$ 921,900	\$1,030,000	2041	7	0.8950	0.7310	0.0666
R7284750040	5	2/18/2025	\$1,568,000	\$1,750,000	2041	7	0.8960	0.6302	0.0590
R3610290270	5	11/15/2024	\$1,505,300	\$1,680,000	1537	7	0.8960	0.4981	0.0589
R7406000200	5	5/13/2025	\$ 994,700	\$1,110,000	2041	7	0.8961	0.5776	0.0580
R5134000033	5	4/18/2025	\$ 941,800	\$1,050,000	2041	7	0.8970	0.6891	0.0513
R8528670060	5	7/14/2025	\$1,255,800	\$1,400,000	2041	7	0.8970	0.0276	0.0510
R3482160680	5	8/28/2025	\$1,436,800	\$1,600,500	2041	7	0.8977	0.3538	0.0452
R9227660174	5	6/11/2025	\$1,330,800	\$1,480,000	2041	7	0.8992	0.1304	0.0334
R6120520250	5	8/11/2025	\$1,756,500	\$1,950,000	2041	7	0.9008	1.0273	0.0207
R1126002535	5	4/30/2025	\$1,013,400	\$1,125,000	2041	7	0.9008	0.5382	0.0204
R1035230040	5	8/28/2025	\$1,329,000	\$1,475,000	2041	7	0.9010	0.1267	0.0187

R9227750060	5	12/27/2024	\$1,257,800	\$1,395,000	2041	7	0.9016	0.0233	0.0136
R3482130680	5	10/18/2024	\$2,347,900	\$2,600,000	2041	7	0.9030	2.2732	0.0024
R9511370670	5	4/1/2025	\$ 949,500	\$1,050,000	2041	7	0.9043	0.6729	0.0076
R3616250350	5	1/31/2025	\$1,267,100	\$1,400,250	2041	7	0.9049	0.0038	0.0126
R9227720125	5	6/25/2025	\$1,131,100	\$1,249,000	2041	7	0.9056	0.2903	0.0182
R8528670030	5	5/30/2025	\$1,225,000	\$1,352,500	2041	7	0.9057	0.0924	0.0192
R6042250640	5	3/28/2025	\$1,014,700	\$1,120,000	1537	7	0.9060	0.5355	0.0212
R6931730105	5	11/22/2024	\$ 951,400	\$1,050,000	2041	7	0.9061	0.6689	0.0221
R7406000230	5	6/23/2025	\$ 907,700	\$1,000,542	2041	7	0.9072	0.7609	0.0311
R7475370280	5	3/17/2025	\$ 953,600	\$1,050,000	2041	7	0.9082	0.6642	0.0390
R7475370170	5	6/27/2025	\$ 922,900	\$1,015,000	2041	7	0.9093	0.7289	0.0476
R3616500355	5	7/30/2025	\$ 909,600	\$1,000,000	2041	7	0.9096	0.7569	0.0503
R1719460050	5	2/24/2025	\$1,141,700	\$1,252,000	2041	7	0.9119	0.2679	0.0688
R8059150570	5	4/2/2025	\$ 934,800	\$1,025,000	26	7	0.9120	0.7038	0.0696
R8037290060	5	4/2/2025	\$1,783,300	\$1,955,000	2041	7	0.9122	1.0838	0.0710
R9227660054	5	10/2/2024	\$1,095,300	\$1,200,000	2041	7	0.9128	0.3657	0.0756
R3610350240	5	8/8/2025	\$ 973,100	\$1,065,000	1537	7	0.9137	0.6231	0.0833
R3616680015	5	11/25/2024	\$1,096,900	\$1,200,000	2041	7	0.9141	0.3623	0.0863
R0879510710	5	11/14/2024	\$1,576,200	\$1,722,000	2041	7	0.9153	0.6474	0.0963
R9227100020	5	8/27/2025	\$1,921,800	\$2,097,000	2041	7	0.9165	1.3755	0.1053
R2884060260	5	9/26/2025	\$1,054,400	\$1,150,000	2041	7	0.9169	0.4519	0.1087
R3616520115	5	8/1/2025	\$ 940,200	\$1,025,000	2041	7	0.9173	0.6924	0.1119
R1013520010	5	8/20/2025	\$ 940,700	\$1,025,000	2041	7	0.9178	0.6914	0.1158
R1277140180	5	11/22/2024	\$ 918,100	\$1,000,000	2041	7	0.9181	0.7390	0.1186
R3482170850	5	8/11/2025	\$ 946,600	\$1,030,000	2041	7	0.9190	0.6790	0.1261
R6042250450	5	1/8/2025	\$1,035,000	\$1,125,000	1537	7	0.9200	0.4927	0.1339
R5299000510	5	8/6/2025	\$1,380,300	\$1,499,000	2041	7	0.9208	0.2347	0.1404
R8980000250	5	12/17/2024	\$1,658,400	\$1,800,000	2041	7	0.9213	0.8206	0.1446
R7569170120	5	2/28/2025	\$1,014,000	\$1,100,000	2041	7	0.9218	0.5370	0.1485
R6042301400	5	10/18/2024	\$1,521,700	\$1,650,000	1537	7	0.9222	0.5326	0.1519
R3616540230	5	10/24/2024	\$1,214,500	\$1,315,000	2041	7	0.9236	0.1146	0.1626
R8059160050	5	5/23/2025	\$ 947,400	\$1,025,000	26	7	0.9243	0.6773	0.1683
R8037600050	5	11/15/2024	\$ 980,800	\$1,060,000	2041	7	0.9253	0.6069	0.1763
R1035240340	5	4/28/2025	\$1,257,100	\$1,357,000	2041	7	0.9264	0.0248	0.1851
R2940720320	5	10/25/2024	\$1,483,100	\$1,599,000	26	7	0.9275	0.4513	0.1943
R6641110380	5	1/27/2025	\$1,066,700	\$1,150,000	2041	7	0.9276	0.4259	0.1946
R1640830340	5	2/7/2025	\$ 940,600	\$1,012,500	26	7	0.9290	0.6916	0.2061
R5731000029	5	10/18/2024	\$1,127,600	\$1,210,000	2041	7	0.9319	0.2976	0.2295
R3616251120	5	12/5/2024	\$1,289,300	\$1,380,000	2041	7	0.9343	0.0430	0.2486
R3482160500	5	10/22/2024	\$1,072,000	\$1,147,000	2041	7	0.9346	0.4148	0.2513
R6042301680	5	11/8/2024	\$1,569,100	\$1,675,000	1537	7	0.9368	0.6325	0.2687
R7100410080	5	10/17/2024	\$1,181,700	\$1,260,000	2041	7	0.9379	0.1837	0.2773
R2690410700	5	11/19/2024	\$1,415,200	\$1,508,000	2041	7	0.9385	0.3083	0.2822
R3616420236	5	9/15/2025	\$1,267,100	\$1,350,000	2041	7	0.9386	0.0038	0.2833

R5713750010	5	8/29/2025	\$ 934,300	\$ 995,000	2041	7	0.9390	0.7049	0.2865
R8037540600	5	10/31/2024	\$1,578,300	\$1,680,000	2041	7	0.9395	0.6519	0.2903
R8037540130	5	3/14/2025	\$2,833,300	\$3,015,000	2041	7	0.9397	3.2958	0.2924
R3482110140	5	6/17/2025	\$1,716,200	\$1,825,000	2041	7	0.9404	0.9424	0.2976
R1035210040	5	9/23/2025	\$2,115,700	\$2,247,900	2041	7	0.9412	1.7840	0.3041
R6120510080	5	7/3/2025	\$ 903,600	\$ 960,000	2041	7	0.9413	0.7696	0.3046
S0601427900	5	12/12/2024	\$5,389,600	\$5,725,000	1234	7	0.9414	8.6813	0.3059
R5820550400	5	2/11/2025	\$1,162,500	\$1,233,000	2041	7	0.9428	0.2241	0.3172
R2847000070	5	2/19/2025	\$ 990,000	\$1,050,000	1537	7	0.9429	0.5875	0.3175
R1126001925	5	7/2/2025	\$1,083,000	\$1,148,000	2041	7	0.9434	0.3916	0.3217
R3746000276	5	12/23/2024	\$ 898,300	\$ 950,000	2041	7	0.9456	0.7807	0.3394
R0415500310	5	6/27/2025	\$1,233,600	\$1,300,000	2041	7	0.9489	0.0743	0.3663
R6120402200	5	6/24/2025	\$1,805,700	\$1,900,000	2041	7	0.9504	1.1309	0.3779
R1126001780	5	7/17/2025	\$1,426,000	\$1,500,000	2041	7	0.9507	0.3310	0.3803
R9529190330	5	3/11/2025	\$1,331,300	\$1,400,000	2041	7	0.9509	0.1315	0.3824
R3610350770	5	6/25/2025	\$ 965,000	\$1,010,000	1537	7	0.9554	0.6402	0.4187
R7384180210	5	8/20/2025	\$ 943,600	\$ 985,920	2041	7	0.9571	0.6853	0.4318
R5207001065	5	9/25/2025	\$1,220,500	\$1,275,000	2041	7	0.9573	0.1019	0.4332
R7475380260	5	12/20/2024	\$ 934,400	\$ 975,000	2041	7	0.9584	0.7047	0.4421
R2690370060	5	10/31/2024	\$1,131,600	\$1,175,000	2041	7	0.9631	0.2892	0.4799
R3482180300	5	9/15/2025	\$1,043,000	\$1,080,000	2041	7	0.9657	0.4759	0.5014
R7284410100	5	5/14/2025	\$3,142,200	\$3,250,000	2041	7	0.9668	3.9466	0.5102
R7997000720	5	8/7/2025	\$ 920,600	\$ 950,000	2041	7	0.9691	0.7337	0.5280
R3482160670	5	5/23/2025	\$1,396,700	\$1,440,000	2041	7	0.9699	0.2693	0.5351
R1126002615	5	9/22/2025	\$ 934,200	\$ 962,175	2041	7	0.9709	0.7051	0.5431
R8059160040	5	12/20/2024	\$ 947,400	\$ 975,000	26	7	0.9717	0.6773	0.5492
R3616590118	5	10/2/2024	\$1,333,700	\$1,372,500	2041	7	0.9717	0.1366	0.5495
R1160210300	5	10/31/2024	\$1,070,700	\$1,100,000	20	7	0.9734	0.4175	0.5627
R1132250440	5	6/19/2025	\$ 961,400	\$ 986,000	2041	7	0.9751	0.6478	0.5762
R3812720050	5	9/17/2025	\$ 926,600	\$ 950,000	2041	7	0.9754	0.7211	0.5788
R8980010378	5	7/30/2025	\$1,361,700	\$1,395,000	2041	7	0.9761	0.1955	0.5849
R1306030020	5	11/15/2024	\$2,928,500	\$3,000,000	2041	7	0.9762	3.4964	0.5852
S1011131460	5	1/13/2025	\$1,433,200	\$1,468,000	2041	7	0.9763	0.3462	0.5862
R4880650070	5	12/9/2024	\$ 945,600	\$ 968,000	2041	7	0.9769	0.6811	0.5907
R6121310085	5	4/30/2025	\$1,515,900	\$1,550,000	2041	7	0.9780	0.5204	0.5999
R1608720086	5	5/21/2025	\$1,020,300	\$1,040,000	2041	7	0.9811	0.5237	0.6245
R3616640100	5	11/22/2024	\$1,079,700	\$1,100,000	2041	7	0.9815	0.3986	0.6284
R7284760260	5	12/20/2024	\$1,083,300	\$1,100,000	2041	7	0.9848	0.3910	0.6547
S1011438832	5	11/21/2024	\$1,505,700	\$1,525,000	2041	7	0.9873	0.4989	0.6750
R8222920096	5	10/30/2024	\$1,102,500	\$1,115,000	1537	7	0.9888	0.3505	0.6866
R3610300195	5	1/6/2025	\$1,132,600	\$1,145,000	1537	7	0.9892	0.2871	0.6897
R1035140180	5	10/22/2024	\$1,076,400	\$1,085,000	2041	7	0.9921	0.4055	0.7130
R7284760210	5	2/28/2025	\$ 945,700	\$ 950,000	2041	7	0.9955	0.6809	0.7403
R3482160630	5	7/2/2025	\$1,234,800	\$1,235,000	2041	7	0.9998	0.0718	0.7754

R7406000640	5	1/6/2025	\$ 950,000	\$ 950,000	2041	7	1.0000	0.6718	0.7767
R9529180246	5	11/20/2024	\$2,100,000	\$2,100,000	2041	7	1.0000	1.7510	0.7767
R6120402130	5	10/10/2024	\$1,106,100	\$1,102,620	2041	7	1.0032	0.3429	0.8021
R5125270130	5	4/17/2025	\$1,349,400	\$1,345,000	2041	7	1.0033	0.1696	0.8030
R3616720020	5	10/25/2024	\$1,305,700	\$1,300,000	2041	7	1.0044	0.0776	0.8119
R8037600150	5	12/20/2024	\$1,195,600	\$1,190,000	2041	7	1.0047	0.1544	0.8145
R2825370320	5	7/31/2025	\$ 962,300	\$ 955,000	2041	7	1.0076	0.6459	0.8381
R3616590231	5	6/20/2025	\$ 985,200	\$ 974,999	2041	7	1.0105	0.5976	0.8608
R0518000650	5	12/4/2024	\$1,171,100	\$1,153,888	2041	7	1.0149	0.2060	0.8966
R5125270230	5	9/25/2025	\$1,183,500	\$1,160,000	2041	7	1.0203	0.1799	0.9395
R3610290350	5	11/20/2024	\$1,083,400	\$1,060,600	1537	7	1.0215	0.3908	0.9494
R0438250050	5	10/17/2024	\$ 919,900	\$ 899,000	2041	7	1.0232	0.7352	0.9635
R1580800331	5	5/30/2025	\$ 941,500	\$ 915,000	2041	7	1.0290	0.6897	1.0094
R2039251051	5	1/17/2025	\$ 957,500	\$ 930,000	2041	7	1.0296	0.6560	1.0143
R1035130275	5	6/18/2025	\$ 921,100	\$ 884,000	2041	7	1.0420	0.7327	1.1139
R6042370260	5	10/30/2024	\$1,135,700	\$1,085,000	1537	7	1.0467	0.2806	1.1522
R3616640010	5	11/18/2024	\$1,038,800	\$ 990,000	2041	7	1.0493	0.4847	1.1728
R5436140600	5	7/23/2025	\$1,786,900	\$1,700,000	2041	7	1.0511	1.0913	1.1874
R1035200160	5	8/8/2025	\$1,894,700	\$1,800,000	2041	7	1.0526	1.3184	1.1994
R3856000680	5	6/9/2025	\$1,054,300	\$ 998,000	2041	7	1.0564	0.4521	1.2300
R1656350305	5	5/30/2025	\$1,047,700	\$ 990,000	2041	7	1.0583	0.4660	1.2450
R5436140300	5	9/4/2025	\$1,272,900	\$1,200,000	2041	7	1.0608	0.0085	1.2648
R9529180080	5	8/29/2025	\$1,636,100	\$1,540,000	2041	7	1.0624	0.7736	1.2781
R7284390090	5	9/4/2025	\$1,409,100	\$1,325,000	2041	7	1.0635	0.2954	1.2867
R3729750510	5	2/19/2025	\$1,188,600	\$1,110,000	2041	7	1.0708	0.1691	1.3457
R2690410120	5	7/24/2025	\$1,454,300	\$1,349,900	2041	7	1.0773	0.3906	1.3981
R6042401140	5	7/31/2025	\$1,187,600	\$1,100,000	1537	7	1.0796	0.1712	1.4166
R8059180360	5	6/23/2025	\$1,133,100	\$1,049,000	26	7	1.0802	0.2861	1.4209
S1002120810	5	9/19/2025	\$1,132,200	\$1,045,000	2041	7	1.0834	0.2880	1.4472
R6121360092	5	5/2/2025	\$ 927,800	\$ 855,000	2041	7	1.0851	0.7186	1.4609
R6042370100	5	4/16/2025	\$ 966,600	\$ 890,000	1537	7	1.0861	0.6368	1.4683
R6641110230	5	6/9/2025	\$1,161,300	\$1,050,000	2041	7	1.1060	0.2266	1.6285
R3610150780	5	6/12/2025	\$1,004,600	\$ 900,000	1537	7	1.1162	0.5568	1.7106
R0017650030	5	5/22/2025	\$ 587,500	\$ 525,000	2041	7	1.1190	1.4355	1.7333
R3482100430	5	8/15/2025	\$1,404,100	\$1,250,000	2041	7	1.1233	0.2849	1.7673
R3482100420	5	4/11/2025	\$1,561,000	\$1,385,000	2041	7	1.1271	0.6154	1.7978
R8037300140	5	8/18/2025	\$1,359,600	\$1,200,000	2041	7	1.1330	0.1911	1.8454
R3616251290	5	12/20/2024	\$1,843,300	\$1,600,000	2041	7	1.1521	1.2102	1.9986
R1013500080	5	6/11/2025	\$3,984,100	\$3,400,000	2041	7	1.1718	5.7203	2.1571
R3610170180	5	6/10/2025	\$ 926,300	\$ 769,000	1537	7	1.2046	0.7217	2.4204
R0523750050	5	8/11/2025	\$1,521,000	\$1,250,000	2041	7	1.2168	0.5312	2.5188
R1035280130	5	9/15/2025	\$2,094,100	\$1,700,000	26	7	1.2318	1.7385	2.6395
R5538912200	5	3/5/2025	\$1,060,100	\$ 850,000	2041	7	1.2472	0.4398	2.7629
R7284390050	5	8/13/2025	\$1,284,300	\$1,000,000	2041	7	1.2843	0.0325	3.0612

R5983350490	5	6/16/2025	\$1,978,400	\$1,400,000	2041	7	1.4131	1.4948	4.0965
-------------	---	-----------	-------------	-------------	------	---	--------	--------	--------

Residential Population Appraisal Ratio Study

Dataset C:\Users\gevans\OneDrive - State of Idaho\Documents\Boise School Study\2026\
 Residential Ratio Study.NCSS
 Filter (Value_Pop_Outliers < 3) AND (Ratio_Pop_Outliers < 3)
 Ratio Formula Ratio = Assessed_Value / Time_Adjusted_Sale_Price

Ratio Summary Statistics

Break Column	Count	Median	Mean	Wtd. Mean	IQR	SD	COD	COV	PRD	PRB
[None]	2701	0.9215	0.9135	0.9039	0.1166	0.1192	8.910875	13.0518	1.010709	0.01056994

Wtd. Mean: Weighted Mean
 IQR: Interquartile Range
 COD: Coefficient of Dispersion
 COV: Coefficient of Variation
 PRD: Price-Related Differential
 PRB: Coefficient of Price-Related Bias

Appraisal and Sale Price Summary Statistics

Break Column	Count	Appraisal Mean	Sale Price Mean	Appraisal Median	Sale Price Median
[None]	2701	523620.25	579315.84	471000.00	515000.00

Confidence Intervals

Break Column	Count	Ratio Median	Median 90% C.I.		Ratio Mean	Mean 90% C.I.		Ratio Wtd. Mean	Wtd. Mean 90% C.I.	
			Lower	Upper		Lower	Upper		Lower	Upper
[None]	2701	0.9215	0.9189	0.9245	0.9135	0.9098	0.9173	0.9039	0.8998	0.9079

Residential Population Appraisal Ratio Study

Dataset C:\Users\gevans\OneDrive - State of Idaho\Documents\Boise School Study\2026\
 Residential Ratio Study.NCSS
 Filter (Value_Pop_Outliers < 3) AND (Ratio_Pop_Outliers < 3)
 Ratio Formula Ratio = Assessed_Value / Time_Adjusted_Sale_Price

Normality Assumption

Break Column	Count	Skew	Kurt	P-Values (< 0.1 rejects Normality)						
				S-W	A-D	M-I	K-S	D-S	D-K	D-O
[None]	2701	-0.3441948	4.15607	0	0	< 0.1	< 0.1	1.082467E-12	0	0

Skew: Skewness (Negative values indicate left skewness; positive values indicate right skewness; values close to 0 indicate little skewness.)
 Kurt: Kurtosis (Negative values indicate fatter tails; positive values indicate a strong peak and lighter tails.)
 S-W: Shapiro-Wilk W Test
 A-D: Anderson-Darling Test
 M-I: Martinez-Iglewicz Test
 K-S: Kolmogorov-Smirnov (Lilliefors' adjusted) Test
 D-S: D'Agostino Skewness Test
 D-K: D'Agostino Kurtosis Test
 D-O: D'Agostino Omnibus (Skewness and Kurtosis) Test

Tests for which the Normality assumption is rejected are highlighted in red.

Residential Population Sales (with outlier data)

Parcel	VG	Sale Date	AV	TASP	Cat	Dist	Ratio	AV z-score	% z-score
MDETR601001	1	45855	\$ 2,500	\$ 30,000	65	7	0.0833	1.5997	4.2026
MBUDD792451	1	45856	\$ 16,800	\$ 180,900	65	7	0.0929	1.5552	4.1548
MFLEE651007	1	45681	\$ 5,200	\$ 44,000	65	7	0.1182	1.5913	4.0278
MKITF791405	1	45831	\$ 35,800	\$ 125,000	65	7	0.2864	1.4961	3.1842
R7406001046	1	45581	\$ 41,400	\$ 141,900	20	7	0.2918	1.4787	3.1574
MHILL811402	1	45768	\$ 31,300	\$ 95,000	65	7	0.3295	1.5101	2.9682
MFUQU831401	1	45856	\$ 49,400	\$ 145,000	65	7	0.3407	1.4538	2.9119
MAMER641002	1	45581	\$ 13,200	\$ 38,000	65	7	0.3474	1.5664	2.8785
MBROD731450	1	45583	\$ 17,400	\$ 50,000	65	7	0.3480	1.5533	2.8753
MKITH831450	1	45691	\$ 23,300	\$ 66,000	65	7	0.3530	1.5350	2.8501
MBROA661201	1	45891	\$ 18,300	\$ 49,000	65	7	0.3735	1.5505	2.7476
MKITX702402	1	45779	\$ 43,800	\$ 115,000	65	7	0.3809	1.4712	2.7104
MWING821450	1	45567	\$ 26,000	\$ 65,000	65	7	0.4000	1.5266	2.6145
MFLEE691220	1	45849	\$ 12,100	\$ 30,001	65	7	0.4033	1.5698	2.5979
MCOLU701203	1	45735	\$ 8,100	\$ 20,000	65	7	0.4050	1.5823	2.5894
MGREA771402	1	45701	\$ 43,100	\$ 97,500	65	7	0.4421	1.4734	2.4036
MBROA681214	1	45656	\$ 22,100	\$ 49,950	65	7	0.4424	1.5387	2.4016
MROYL831401	1	45623	\$ 15,200	\$ 33,500	65	7	0.4537	1.5602	2.3450
MGOVE771415	1	45828	\$ 17,800	\$ 39,000	65	7	0.4564	1.5521	2.3316
MTITA791450	1	45713	\$ 22,500	\$ 49,000	65	7	0.4592	1.5375	2.3177
MNASH831414	1	45853	\$ 32,300	\$ 70,000	65	7	0.4614	1.5070	2.3064
MVAND782418	1	45869	\$ 58,800	\$ 127,000	65	7	0.4630	1.4246	2.2986
MPACI701201	1	45736	\$ 15,700	\$ 33,500	65	7	0.4687	1.5586	2.2702
R2039251055	1	45614	\$ 217,100	\$ 455,000	20	7	0.4771	0.9323	2.2276
MPEER771401	1	45649	\$ 25,800	\$ 53,000	65	7	0.4868	1.5272	2.1792
MMARL722402	1	45762	\$ 42,000	\$ 86,000	65	7	0.4884	1.4768	2.1713
MNASH791406	1	45805	\$ 45,200	\$ 92,500	65	7	0.4886	1.4669	2.1699
MFLEE721450	1	45667	\$ 22,200	\$ 45,000	65	7	0.4933	1.5384	2.1464
R2039250440	5	45840	\$ 903,800	\$ 1,800,000	2041	7	0.5021	1.2033	2.1024
MBAIN781416	1	45597	\$ 66,500	\$ 129,999	65	7	0.5115	1.4006	2.0551
R1077230050	4	45895	\$ 835,000	\$ 1,629,000	2041	7	0.5126	0.9893	2.0499
MBARR741405	1	45793	\$ 24,900	\$ 48,000	65	7	0.5188	1.5300	2.0190
R2734541400	1	45694	\$ 244,300	\$ 470,000	2046	7	0.5198	0.8477	2.0138
MGREA732418	1	45891	\$ 73,900	\$ 140,000	65	7	0.5279	1.3776	1.9733
MSKYL812403	1	45689	\$ 65,800	\$ 124,000	65	7	0.5306	1.4028	1.9593
MVAND722402	1	45692	\$ 115,500	\$ 214,000	65	7	0.5397	1.2483	1.9138
MNASH841407	1	45853	\$ 51,400	\$ 95,000	65	7	0.5411	1.4476	1.9071

R1625500899	1	45714	\$	329,600	\$	600,000	2041	7	0.5493	0.5824	1.8656
S0513417370	2	45762	\$	482,400	\$	865,000	2041	7	0.5577	0.1072	1.8237
R0990000026	5	45821	\$	1,150,200	\$	2,050,000	2041	7	0.5611	1.9695	1.8067
R2690420400	2	45826	\$	427,400	\$	750,000	20	7	0.5699	0.2783	1.7626
R0363710100	1	45597	\$	362,300	\$	634,000	26	7	0.5715	0.4807	1.7547
R2039250196	1	45566	\$	317,400	\$	555,000	20	7	0.5719	0.6204	1.7524
S1023346720	5	45919	\$	908,500	\$	1,585,000	2041	7	0.5732	1.2179	1.7460
R7917490060	3	45730	\$	616,300	\$	1,070,000	26	7	0.5760	0.3092	1.7319
S0627449250	3	45726	\$	642,900	\$	1,100,000	2041	7	0.5845	0.3919	1.6894
MBROF942617	1	45861	\$	68,700	\$	117,500	65	7	0.5847	1.3938	1.6883
MSTAR712401	1	45747	\$	38,800	\$	66,000	65	7	0.5879	1.4868	1.6723
S0611417215	2	45720	\$	412,800	\$	699,000	12	7	0.5906	0.3237	1.6588
MIMPW772403	1	45888	\$	89,900	\$	150,000	65	7	0.5993	1.3279	1.6148
R3616500200	3	45875	\$	642,000	\$	1,060,000	2041	7	0.6057	0.3891	1.5831
R4541000023	2	45765	\$	439,500	\$	720,000	2041	7	0.6104	0.2407	1.5592
R1624004435	1	45728	\$	238,100	\$	390,000	2041	7	0.6105	0.8670	1.5588
R1126002755	5	45883	\$	1,404,600	\$	2,300,000	2041	7	0.6107	2.7607	1.5578
R7475790230	4	45798	\$	764,400	\$	1,250,000	2041	7	0.6115	0.7698	1.5537
R5785000130	5	45747	\$	1,741,200	\$	2,838,000	2041	7	0.6135	3.8075	1.5436
MSKYL802404	1	45903	\$	75,100	\$	122,000	65	7	0.6156	1.3739	1.5334
R3616500220	4	45768	\$	769,900	\$	1,250,000	2041	7	0.6159	0.7869	1.5316
R8112008180	3	45663	\$	571,500	\$	925,000	2041	7	0.6178	0.1699	1.5220
R9318350210	4	45765	\$	881,700	\$	1,426,000	2041	7	0.6183	1.1345	1.5197
R2858000890	3	45838	\$	510,200	\$	825,000	2041	7	0.6184	0.0208	1.5191
R3616251479	5	45824	\$	1,550,500	\$	2,500,000	2041	7	0.6202	3.2144	1.5102
R7444650050	1	45782	\$	393,300	\$	630,000	2041	7	0.6243	0.3843	1.4897
MELCA691250	1	45613	\$	13,300	\$	21,295	65	7	0.6246	1.5661	1.4883
R2343000450	5	45912	\$	1,317,500	\$	2,100,000	2041	7	0.6274	2.4898	1.4742
R6120401990	3	45814	\$	624,000	\$	989,000	2041	7	0.6309	0.3331	1.4563
MSAHA791419	1	45924	\$	42,600	\$	67,500	65	7	0.6311	1.4750	1.4555
R3261590040	1	45869	\$	180,000	\$	285,000	20	7	0.6316	1.0477	1.4531
MVILW802401	1	45922	\$	74,100	\$	117,000	65	7	0.6333	1.3770	1.4443
MNASH862407	1	45721	\$	72,900	\$	115,000	65	7	0.6339	1.3807	1.4414
R7194140060	1	45818	\$	288,000	\$	450,000	20	7	0.6400	0.7118	1.4109
S0619244390	3	45835	\$	449,500	\$	700,000	20	7	0.6421	0.2096	1.4001
R7444650040	1	45807	\$	397,400	\$	615,000	2041	7	0.6462	0.3716	1.3799
R3543330020	1	45854	\$	349,200	\$	540,000	2041	7	0.6467	0.5215	1.3774
R3484250095	2	45919	\$	485,300	\$	750,000	20	7	0.6471	0.0982	1.3754
R1624000335	1	45777	\$	324,500	\$	500,000	2041	7	0.6490	0.5983	1.3657
R7335550520	2	45894	\$	415,000	\$	636,927	2041	7	0.6516	0.3168	1.3529
R3616510325	3	45912	\$	651,400	\$	998,900	2041	7	0.6521	0.4183	1.3501
R2105000196	4	45583	\$	603,300	\$	925,000	2041	7	0.6522	0.2687	1.3496
R1126002990	5	45782	\$	1,108,100	\$	1,690,000	2041	7	0.6557	1.8386	1.3322
MNASH882602	1	45905	\$	80,000	\$	121,725	46	7	0.6572	1.3587	1.3245

R3510000140	2	45772	\$	437,200	\$	665,000	2041	7	0.6574	0.2478	1.3234
MSKYL811401	1	45838	\$	65,200	\$	98,000	65	7	0.6653	1.4047	1.2840
R9162000070	5	45922	\$	1,316,500	\$	1,975,000	1537	7	0.6666	2.4867	1.2776
MSKYL751401	1	45896	\$	56,700	\$	85,000	65	7	0.6671	1.4311	1.2752
R5854000740	2	45903	\$	450,900	\$	675,000	2041	7	0.6680	0.2052	1.2705
R9227502160	3	45723	\$	554,600	\$	830,000	2041	7	0.6682	0.1173	1.2695
R2024351123	4	45792	\$	842,000	\$	1,260,000	2041	7	0.6683	1.0111	1.2692
R3811120252	4	45807	\$	702,700	\$	1,050,000	2041	7	0.6692	0.5779	1.2642
R9511381080	4	45777	\$	737,700	\$	1,100,000	2041	7	0.6706	0.6867	1.2572
R1088000345	3	45890	\$	616,300	\$	918,000	2041	7	0.6714	0.3092	1.2537
R7335520375	2	45904	\$	410,400	\$	609,900	2041	7	0.6729	0.3311	1.2459
R5315000760	2	45895	\$	443,900	\$	657,000	2041	7	0.6756	0.2270	1.2321
R3193010070	1	45891	\$	202,800	\$	300,000	2046	7	0.6760	0.9768	1.2303
R1096251991	3	45653	\$	534,800	\$	790,000	2041	7	0.6770	0.0557	1.2255
R1059490120	4	45747	\$	658,700	\$	972,900	2041	7	0.6770	0.4410	1.2251
MSAND791402	1	45623	\$	92,100	\$	136,000	65	7	0.6772	1.3210	1.2243
R2348750360	3	45891	\$	546,900	\$	805,000	2041	7	0.6794	0.0934	1.2134
MBUDD711453	1	45775	\$	10,200	\$	15,000	65	7	0.6800	1.5757	1.2103
R8510520020	4	45778	\$	765,200	\$	1,125,000	2041	7	0.6802	0.7722	1.2094
R7486100250	3	45818	\$	541,000	\$	795,000	1537	7	0.6805	0.0750	1.2078
R4548500215	1	45880	\$	347,300	\$	510,000	2041	7	0.6810	0.5274	1.2054
R1955011255	3	45807	\$	562,900	\$	825,000	2041	7	0.6823	0.1431	1.1987
R9215520040	4	45826	\$	844,100	\$	1,237,000	2041	7	0.6824	1.0176	1.1984
R5538942580	1	45706	\$	350,500	\$	513,500	2041	7	0.6826	0.5174	1.1974
R8043270460	3	45777	\$	621,300	\$	910,000	1537	7	0.6827	0.3247	1.1965
R4996620010	4	45779	\$	853,600	\$	1,250,000	2041	7	0.6829	1.0472	1.1958
R3616760461	5	45869	\$	3,231,200	\$	4,728,384	2041	7	0.6834	8.4412	1.1934
S0930438492	4	45834	\$	670,300	\$	980,000	2041	7	0.6840	0.4771	1.1903
R8266010090	4	45819	\$	663,800	\$	967,500	2041	7	0.6861	0.4569	1.1797
R1431000516	1	45824	\$	294,600	\$	428,000	2041	7	0.6883	0.6913	1.1686
R5459750100	1	45861	\$	304,100	\$	441,000	2041	7	0.6896	0.6617	1.1623
S0629212440	4	45762	\$	690,500	\$	999,000	2041	7	0.6912	0.5399	1.1542
R8112007207	1	45863	\$	319,400	\$	461,000	2041	7	0.6928	0.6141	1.1459
R9470010065	3	45840	\$	519,600	\$	749,900	2041	7	0.6929	0.0085	1.1456
R7444650070	1	45757	\$	375,500	\$	540,000	2041	7	0.6954	0.4397	1.1332
R7476310070	5	45572	\$	1,121,200	\$	1,609,450	2041	7	0.6966	1.8794	1.1268
S1025120850	1	45801	\$	327,300	\$	469,000	2041	7	0.6979	0.5896	1.1207
R2239340010	5	45772	\$	895,600	\$	1,275,000	2041	7	0.7024	1.1778	1.0978
R1943001090	1	45775	\$	175,000	\$	249,000	20	7	0.7028	1.0632	1.0959
R1126001865	3	45904	\$	545,200	\$	775,000	2041	7	0.7035	0.0881	1.0925
R8442250078	3	45800	\$	626,400	\$	890,000	2041	7	0.7038	0.3406	1.0908
R7334000205	1	45849	\$	317,900	\$	449,900	2041	7	0.7066	0.6188	1.0769
R3417270105	1	45765	\$	332,400	\$	469,995	2041	7	0.7072	0.5737	1.0737
R1625502235	2	45799	\$	423,800	\$	599,000	2041	7	0.7075	0.2895	1.0723

R5130000535	1	45834	\$	251,200	\$	355,000	2041	7	0.7076	0.8262	1.0718
R1013500492	4	45765	\$	777,900	\$	1,098,888	2041	7	0.7079	0.8117	1.0704
MGLN842703	1	45854	\$	119,100	\$	168,000	65	7	0.7089	1.2371	1.0652
R7476760051	1	45672	\$	271,200	\$	382,300	2041	7	0.7094	0.7640	1.0629
R3616580100	5	45786	\$	952,400	\$	1,335,000	2041	7	0.7134	1.3544	1.0427
R1126001210	4	45828	\$	813,800	\$	1,140,000	2041	7	0.7139	0.9234	1.0405
MNASH911403	1	45721	\$	56,400	\$	79,000	65	7	0.7139	1.4320	1.0401
R5459800010	3	45814	\$	514,200	\$	720,000	1537	7	0.7142	0.0083	1.0389
S1020141840	3	45853	\$	586,200	\$	820,000	2041	7	0.7149	0.2156	1.0354
R9242371160	1	45831	\$	492,000	\$	687,500	2041	7	0.7156	0.0774	1.0316
R0432000210	1	45849	\$	350,700	\$	489,900	2041	7	0.7159	0.5168	1.0304
R6890010110	1	45845	\$	332,900	\$	465,000	2041	7	0.7159	0.5722	1.0302
R3616650085	3	45765	\$	645,500	\$	900,000	2041	7	0.7172	0.4000	1.0236
MSKYL831402	1	45917	\$	93,300	\$	130,000	65	7	0.7177	1.3173	1.0212
R5935000040	4	45833	\$	713,400	\$	994,000	2041	7	0.7177	0.6111	1.0212
R7181810090	5	45918	\$	1,687,900	\$	2,349,000	2041	7	0.7186	3.6417	1.0169
R1431000956	1	45722	\$	287,700	\$	400,000	2041	7	0.7193	0.7127	1.0134
R2037150135	1	45904	\$	381,300	\$	530,000	2041	7	0.7194	0.4216	1.0125
S0633234050	3	45807	\$	575,600	\$	800,000	2041	7	0.7195	0.1826	1.0122
R7580500030	1	45793	\$	320,200	\$	445,000	2041	7	0.7196	0.6117	1.0119
R9227660125	4	45821	\$	754,100	\$	1,048,000	2041	7	0.7196	0.7377	1.0119
MTAMA701212	1	45915	\$	18,000	\$	25,000	65	7	0.7200	1.5515	1.0097
R1624000875	2	45600	\$	431,900	\$	599,000	2041	7	0.7210	0.2643	1.0045
R8175580050	2	45891	\$	469,000	\$	649,900	2041	7	0.7216	0.1489	1.0014
R9529170260	4	45765	\$	757,300	\$	1,047,000	2041	7	0.7233	0.7477	0.9931
R7334000266	2	45638	\$	434,200	\$	599,900	2041	7	0.7238	0.2571	0.9907
R3046505352	1	45894	\$	242,500	\$	335,000	2041	7	0.7239	0.8533	0.9902
MAMER982701	1	45576	\$	111,500	\$	154,000	65	7	0.7240	1.2607	0.9895
R3074790010	1	45930	\$	376,800	\$	520,000	2041	7	0.7246	0.4356	0.9865
R0843340100	3	45874	\$	649,100	\$	895,000	2041	7	0.7253	0.4112	0.9833
R9539500125	1	45706	\$	346,100	\$	476,329	2041	7	0.7266	0.5311	0.9766
R4997440650	2	45852	\$	408,000	\$	560,000	1537	7	0.7286	0.3386	0.9667
R7448230390	3	45814	\$	538,800	\$	739,000	2041	7	0.7291	0.0682	0.9641
R7475790150	5	45895	\$	1,023,800	\$	1,400,000	2041	7	0.7313	1.5765	0.9531
R0387250200	2	45930	\$	471,900	\$	645,000	2041	7	0.7316	0.1399	0.9514
R5299001380	5	45587	\$	962,100	\$	1,315,000	2041	7	0.7316	1.3846	0.9513
R1383256040	1	45806	\$	201,200	\$	274,900	26	7	0.7319	0.9817	0.9500
S0919314952	5	45771	\$	969,900	\$	1,325,000	2041	7	0.7320	1.4088	0.9495
R7689230010	5	45664	\$	1,282,200	\$	1,750,000	2041	7	0.7327	2.3801	0.9461
R1624003262	1	45596	\$	373,800	\$	510,000	2041	7	0.7329	0.4450	0.9448
R1624003850	1	45589	\$	372,400	\$	508,000	2041	7	0.7331	0.4493	0.9441
R2024320275	1	45820	\$	315,600	\$	430,000	2041	7	0.7340	0.6260	0.9397
R1751000015	2	45912	\$	442,900	\$	603,000	2041	7	0.7345	0.2301	0.9370
R2940720150	4	45922	\$	826,400	\$	1,125,000	26	7	0.7346	0.9626	0.9366

R1625503830	3	45807	\$	624,500	\$	850,000	2041	7	0.7347	0.3347	0.9359
R5125510085	1	45800	\$	386,100	\$	525,000	2041	7	0.7354	0.4067	0.9323
S0632110165	2	45650	\$	408,200	\$	555,000	2041	7	0.7355	0.3380	0.9320
R7334180496	1	45707	\$	150,900	\$	205,000	20	7	0.7361	1.1382	0.9289
MSUND792402	1	45660	\$	51,200	\$	69,500	65	7	0.7367	1.4482	0.9260
R0805500040	5	45838	\$	1,283,200	\$	1,740,000	2041	7	0.7375	2.3832	0.9221
R5983900130	4	45793	\$	893,500	\$	1,210,000	2041	7	0.7384	1.1712	0.9172
R1035190050	5	45929	\$	1,735,800	\$	2,350,000	2041	7	0.7386	3.7907	0.9162
R0415500380	5	45884	\$	944,200	\$	1,278,000	2041	7	0.7388	1.3289	0.9153
R8992000770	2	45784	\$	488,500	\$	661,000	2041	7	0.7390	0.0883	0.9142
R2847270190	3	45810	\$	617,900	\$	835,000	1537	7	0.7400	0.3142	0.9094
R7335500290	1	45853	\$	402,100	\$	543,000	2041	7	0.7405	0.3570	0.9068
R3369410900	1	45687	\$	340,000	\$	459,000	20	7	0.7407	0.5501	0.9057
S1002120740	5	45583	\$	1,037,000	\$	1,398,000	2041	7	0.7418	1.6175	0.9005
R5315100020	2	45750	\$	422,800	\$	569,900	2041	7	0.7419	0.2926	0.8999
R7476750060	1	45905	\$	371,000	\$	500,000	2041	7	0.7420	0.4537	0.8993
R4997440330	1	45749	\$	383,200	\$	516,000	1537	7	0.7426	0.4157	0.8962
R1126001330	4	45898	\$	757,900	\$	1,020,000	2041	7	0.7430	0.7495	0.8941
R5315002630	1	45758	\$	360,700	\$	485,000	2041	7	0.7437	0.4857	0.8908
R7335570440	2	45765	\$	435,600	\$	585,000	2041	7	0.7446	0.2528	0.8862
R7854500160	3	45877	\$	596,300	\$	800,000	2041	7	0.7454	0.2470	0.8824
R3239500860	1	45848	\$	290,800	\$	390,000	2041	7	0.7456	0.7031	0.8811
R9529660285	1	45918	\$	384,500	\$	515,000	2041	7	0.7466	0.4117	0.8763
R6115000130	1	45604	\$	402,000	\$	537,500	2041	7	0.7479	0.3573	0.8697
R3386000050	1	45877	\$	306,800	\$	410,000	2041	7	0.7483	0.6533	0.8678
R2037150115	2	45846	\$	437,900	\$	585,000	2041	7	0.7485	0.2456	0.8665
R1277140110	3	45895	\$	640,800	\$	855,000	2041	7	0.7495	0.3854	0.8619
MGOVE791410	1	45756	\$	72,800	\$	97,000	65	7	0.7505	1.3810	0.8566
R5731260180	1	45824	\$	338,500	\$	451,000	2041	7	0.7506	0.5547	0.8564
S0619141860	4	45709	\$	688,400	\$	915,000	2041	7	0.7523	0.5334	0.8474
R2919000801	1	45856	\$	381,000	\$	506,306	2041	7	0.7525	0.4226	0.8466
R1608250340	3	45744	\$	508,000	\$	675,000	2041	7	0.7526	0.0276	0.8462
R8313180095	5	45783	\$	1,415,400	\$	1,880,000	2041	7	0.7529	2.7943	0.8448
R2830510080	1	45706	\$	161,900	\$	215,000	20	7	0.7530	1.1040	0.8441
R8039651280	1	45758	\$	319,300	\$	424,000	26	7	0.7531	0.6145	0.8438
R3261590240	1	45869	\$	180,000	\$	239,000	20	7	0.7531	1.0477	0.8435
R3261590260	1	45800	\$	180,000	\$	239,000	20	7	0.7531	1.0477	0.8435
R8222710360	2	45847	\$	494,000	\$	655,000	1537	7	0.7542	0.0712	0.8382
R7104001120	4	45680	\$	717,100	\$	950,000	2041	7	0.7548	0.6227	0.8349
R6042300380	5	45876	\$	1,088,000	\$	1,440,000	1537	7	0.7556	1.7761	0.8314
R9437520300	1	45807	\$	356,100	\$	470,000	2041	7	0.7577	0.5000	0.8208
R7443900010	1	45632	\$	343,800	\$	453,500	2041	7	0.7581	0.5383	0.8186
R9262000125	5	45618	\$	1,004,500	\$	1,325,000	2041	7	0.7581	1.5164	0.8185
R6042301020	5	45923	\$	1,325,600	\$	1,748,000	1537	7	0.7584	2.5150	0.8173

R7100400285	4	45819	\$	755,200	\$	995,000	2041	7	0.7590	0.7411	0.8141
R2336000444	3	45898	\$	607,700	\$	800,000	2041	7	0.7596	0.2824	0.8110
R1624000355	4	45804	\$	683,700	\$	900,000	2041	7	0.7597	0.5188	0.8107
R8528680200	1	45919	\$	285,000	\$	375,000	20	7	0.7600	0.7211	0.8091
R0169000039	5	45811	\$	932,800	\$	1,225,000	2041	7	0.7615	1.2935	0.8017
R4303000410	5	45602	\$	1,219,100	\$	1,600,000	2041	7	0.7619	2.1838	0.7994
R8048013150	1	45854	\$	293,600	\$	385,000	2041	7	0.7626	0.6944	0.7960
MCHAM241502	1	45678	\$	112,900	\$	148,044	65	7	0.7626	1.2563	0.7960
R2343000545	4	45838	\$	762,700	\$	1,000,000	2041	7	0.7627	0.7645	0.7955
R0995010155	1	45861	\$	343,400	\$	450,000	2041	7	0.7631	0.5395	0.7935
R3193010300	1	45877	\$	145,000	\$	190,000	20	7	0.7632	1.1565	0.7932
R1126003465	5	45905	\$	1,182,900	\$	1,550,000	2041	7	0.7632	2.0712	0.7932
R9227770154	4	45810	\$	744,400	\$	975,000	2041	7	0.7635	0.7076	0.7916
MTAMA821403	1	45594	\$	56,500	\$	74,000	65	7	0.7635	1.4317	0.7914
R1317410990	2	45805	\$	478,700	\$	626,000	2041	7	0.7647	0.1187	0.7855
R1178960130	3	45926	\$	546,900	\$	715,000	2041	7	0.7649	0.0934	0.7845
R0027000030	1	45835	\$	321,300	\$	420,000	2041	7	0.7650	0.6082	0.7840
R1608250165	1	45650	\$	394,000	\$	515,000	2041	7	0.7650	0.3822	0.7838
R9227760155	4	45818	\$	683,800	\$	893,000	2041	7	0.7657	0.5191	0.7803
R6055620040	1	45737	\$	363,700	\$	474,900	2041	7	0.7658	0.4764	0.7798
R1608250248	3	45708	\$	555,500	\$	725,000	2041	7	0.7662	0.1201	0.7779
R1580860070	4	45597	\$	670,800	\$	875,000	2041	7	0.7666	0.4787	0.7758
R9441000262	1	45799	\$	312,800	\$	408,000	2041	7	0.7667	0.6347	0.7756
R1283130040	2	45883	\$	448,500	\$	585,000	2041	7	0.7667	0.2127	0.7756
R2336002670	5	45714	\$	920,000	\$	1,200,000	2041	7	0.7667	1.2537	0.7756
R2039251205	3	45742	\$	574,300	\$	748,000	2041	7	0.7678	0.1786	0.7700
R3638511400	1	45790	\$	403,200	\$	525,000	2041	7	0.7680	0.3535	0.7689
S0628336092	3	45630	\$	491,600	\$	640,000	2041	7	0.7681	0.0786	0.7683
R9626000065	1	45876	\$	280,400	\$	365,000	2041	7	0.7682	0.7354	0.7678
R2039251425	3	45848	\$	595,400	\$	775,000	2041	7	0.7683	0.2442	0.7677
R6888120030	5	45806	\$	922,100	\$	1,200,000	2041	7	0.7684	1.2602	0.7669
R0525000190	1	45912	\$	312,800	\$	407,000	2041	7	0.7686	0.6347	0.7662
R7909970160	2	45897	\$	461,400	\$	600,000	2041	7	0.7690	0.1725	0.7639
R3610190230	4	45800	\$	885,200	\$	1,150,000	1537	7	0.7697	1.1454	0.7602
R3719183572	1	45905	\$	196,100	\$	254,500	2046	7	0.7705	0.9976	0.7563
MMARL802802	1	45925	\$	84,800	\$	110,000	65	7	0.7709	1.3437	0.7544
R3616700210	5	45925	\$	1,168,200	\$	1,515,000	2041	7	0.7711	2.0255	0.7535
R1376420360	3	45807	\$	547,500	\$	710,000	2041	7	0.7711	0.0952	0.7533
R1525770160	3	45855	\$	602,000	\$	780,000	2041	7	0.7718	0.2647	0.7499
R8510500060	3	45616	\$	621,300	\$	805,000	2041	7	0.7718	0.3247	0.7499
R1580720360	2	45917	\$	436,100	\$	565,000	2041	7	0.7719	0.2512	0.7496
R7696810130	1	45601	\$	332,300	\$	430,000	26	7	0.7728	0.5740	0.7449
R7909010090	3	45833	\$	599,000	\$	775,000	2041	7	0.7729	0.2554	0.7444
R7085510012	3	45855	\$	618,500	\$	800,000	2041	7	0.7731	0.3160	0.7432

R7475860330	3	45860	\$	657,300	\$	849,900	2041	7	0.7734	0.4367	0.7419
R8281570105	1	45896	\$	198,900	\$	257,000	2046	7	0.7739	0.9889	0.7392
R0027000130	1	45847	\$	387,000	\$	500,000	2041	7	0.7740	0.4039	0.7389
R2738500290	2	45868	\$	491,600	\$	635,000	2041	7	0.7742	0.0786	0.7380
R1580720680	3	45604	\$	526,600	\$	680,000	2041	7	0.7744	0.0302	0.7368
R7335550005	1	45919	\$	405,800	\$	524,000	2041	7	0.7744	0.3455	0.7367
R2919000810	3	45853	\$	526,800	\$	680,000	2041	7	0.7747	0.0308	0.7353
R1342000730	2	45800	\$	476,500	\$	615,000	2041	7	0.7748	0.1256	0.7349
R1342100395	2	45807	\$	426,300	\$	550,000	2041	7	0.7751	0.2817	0.7334
R7923250100	1	45884	\$	387,600	\$	500,000	2041	7	0.7752	0.4021	0.7328
R9227720105	5	45645	\$	899,300	\$	1,160,000	2041	7	0.7753	1.1893	0.7325
R1035120200	5	45587	\$	903,600	\$	1,165,000	2041	7	0.7756	1.2027	0.7307
R2919020530	1	45863	\$	407,400	\$	524,900	2041	7	0.7761	0.3405	0.7281
R0523750370	5	45835	\$	1,940,800	\$	2,500,000	2041	7	0.7763	4.4282	0.7272
R3239030150	2	45930	\$	473,600	\$	609,900	2041	7	0.7765	0.1346	0.7262
R5710430240	3	45856	\$	532,200	\$	685,000	2041	7	0.7769	0.0476	0.7241
S1935300000	2	45793	\$	408,000	\$	525,000	18	7	0.7771	0.3386	0.7231
R9441000100	1	45856	\$	356,900	\$	458,888	2041	7	0.7777	0.4975	0.7201
R5125580040	1	45800	\$	374,900	\$	482,000	2041	7	0.7778	0.4415	0.7198
R2854000220	2	45744	\$	408,900	\$	525,000	2041	7	0.7789	0.3358	0.7145
R7858000135	1	45722	\$	393,500	\$	505,000	2041	7	0.7792	0.3837	0.7127
R3239500390	1	45730	\$	274,700	\$	352,500	2041	7	0.7793	0.7532	0.7123
R5299000770	3	45799	\$	522,600	\$	670,000	2041	7	0.7800	0.0178	0.7088
R2847060085	3	45884	\$	530,500	\$	680,000	2041	7	0.7801	0.0423	0.7080
R1608730020	5	45596	\$	1,233,900	\$	1,580,000	2041	7	0.7809	2.2298	0.7040
R9539500004	1	45841	\$	318,700	\$	408,000	2041	7	0.7811	0.6163	0.7031
R2919000755	1	45694	\$	327,700	\$	419,500	2041	7	0.7812	0.5883	0.7029
R3641750163	3	45898	\$	629,500	\$	805,777	2041	7	0.7812	0.3502	0.7026
R2830510060	2	45777	\$	455,000	\$	582,000	2041	7	0.7818	0.1924	0.6998
R1277000330	1	45868	\$	336,200	\$	430,000	15	7	0.7819	0.5619	0.6994
R0356001875	1	45845	\$	220,500	\$	282,000	2041	7	0.7819	0.9217	0.6992
R1525730420	2	45807	\$	410,600	\$	525,000	2041	7	0.7821	0.3305	0.6983
R2039252465	4	45792	\$	848,800	\$	1,085,000	2041	7	0.7823	1.0322	0.6972
R8382000821	1	45919	\$	399,300	\$	510,000	2041	7	0.7829	0.3657	0.6940
R6045250045	1	45758	\$	356,300	\$	455,000	2041	7	0.7831	0.4994	0.6933
R2024300770	3	45849	\$	652,500	\$	833,000	2041	7	0.7833	0.4218	0.6922
MSKYL841414	1	45688	\$	56,400	\$	72,000	65	7	0.7833	1.4320	0.6921
R3482110270	5	45929	\$	1,268,700	\$	1,619,000	2041	7	0.7836	2.3381	0.6906
R1059500028	3	45596	\$	533,200	\$	680,000	2041	7	0.7841	0.0507	0.6881
R2884020020	3	45824	\$	639,100	\$	815,000	2041	7	0.7842	0.3801	0.6878
R3268500055	1	45779	\$	286,400	\$	365,000	2041	7	0.7847	0.7168	0.6854
S1024325835	4	45870	\$	863,700	\$	1,100,000	2041	7	0.7852	1.0786	0.6828
R6876001382	5	45926	\$	1,125,400	\$	1,433,000	2041	7	0.7853	1.8924	0.6820
R2024302237	1	45782	\$	330,500	\$	420,000	2041	7	0.7869	0.5796	0.6741

R8048680680	4	45880	\$	716,100	\$	910,000	2041	7	0.7869	0.6195	0.6740
R5836700050	2	45797	\$	417,200	\$	530,000	2041	7	0.7872	0.3100	0.6728
R9242270120	5	45868	\$	909,200	\$	1,155,000	2041	7	0.7872	1.2201	0.6727
R2320550230	3	45912	\$	539,400	\$	685,000	2041	7	0.7874	0.0700	0.6714
R1525750330	2	45930	\$	476,800	\$	605,000	2041	7	0.7881	0.1247	0.6681
R5538912830	5	45576	\$	1,288,800	\$	1,635,000	2041	7	0.7883	2.4006	0.6674
R8112001225	3	45772	\$	568,000	\$	720,500	2041	7	0.7883	0.1590	0.6669
R9380730210	3	45814	\$	571,600	\$	725,000	26	7	0.7884	0.1702	0.6666
R1077510115	3	45819	\$	536,300	\$	680,000	2041	7	0.7887	0.0604	0.6653
R6044180040	1	45782	\$	256,500	\$	325,000	26	7	0.7892	0.8098	0.6625
R7641000360	5	45845	\$	1,105,000	\$	1,400,000	2041	7	0.7893	1.8290	0.6622
R1943002790	2	45869	\$	484,000	\$	613,065	2041	7	0.7895	0.1023	0.6612
R5315250080	3	45868	\$	561,200	\$	710,000	2041	7	0.7904	0.1378	0.6565
R0843340600	3	45860	\$	631,600	\$	799,000	2041	7	0.7905	0.3568	0.6562
R8394770288	2	45576	\$	486,500	\$	615,000	2041	7	0.7911	0.0945	0.6533
R7074640140	4	45580	\$	694,600	\$	878,000	2041	7	0.7911	0.5527	0.6530
R0619790080	5	45881	\$	1,112,500	\$	1,406,000	2041	7	0.7913	1.8523	0.6523
R1624002815	1	45820	\$	298,800	\$	377,500	2041	7	0.7915	0.6782	0.6510
R8039651330	1	45614	\$	336,400	\$	425,000	26	7	0.7915	0.5613	0.6509
R2039190030	3	45775	\$	516,200	\$	652,000	2041	7	0.7917	0.0021	0.6500
R1955041240	3	45777	\$	538,400	\$	680,000	2041	7	0.7918	0.0669	0.6498
R7335560310	1	45860	\$	368,200	\$	465,000	2041	7	0.7918	0.4624	0.6494
R1013510070	5	45897	\$	1,326,700	\$	1,675,000	2041	7	0.7921	2.5184	0.6483
R3817020160	1	45611	\$	316,800	\$	399,900	2041	7	0.7922	0.6222	0.6476
R8307000225	1	45930	\$	347,800	\$	439,000	2041	7	0.7923	0.5258	0.6473
R6637250180	2	45884	\$	420,000	\$	530,000	2041	7	0.7925	0.3013	0.6463
R2733020130	1	45770	\$	378,100	\$	476,900	2041	7	0.7928	0.4316	0.6444
R2847250010	2	45791	\$	499,700	\$	630,000	1537	7	0.7932	0.0534	0.6427
R6026040055	3	45910	\$	531,600	\$	670,000	2041	7	0.7934	0.0458	0.6414
R6026040035	3	45768	\$	583,100	\$	734,900	2041	7	0.7934	0.2059	0.6414
R6046000041	2	45891	\$	436,500	\$	550,000	2041	7	0.7936	0.2500	0.6404
S1018244225	4	45883	\$	801,100	\$	1,009,000	2041	7	0.7940	0.8839	0.6388
R8501360010	3	45695	\$	516,100	\$	650,000	2041	7	0.7940	0.0024	0.6386
R6120402910	5	45716	\$	998,700	\$	1,257,400	2041	7	0.7943	1.4984	0.6373
R8036140090	4	45860	\$	715,000	\$	899,900	2041	7	0.7945	0.6161	0.6359
R1126001120	2	45777	\$	409,300	\$	515,000	2041	7	0.7948	0.3346	0.6348
R2370330080	5	45826	\$	953,100	\$	1,198,000	2041	7	0.7956	1.3566	0.6307
R1625500230	2	45798	\$	425,900	\$	535,000	2041	7	0.7961	0.2829	0.6282
R5710410600	2	45925	\$	469,700	\$	590,000	2041	7	0.7961	0.1467	0.6280
R7074640160	4	45889	\$	696,600	\$	875,000	2041	7	0.7961	0.5589	0.6280
R8220700070	1	45569	\$	367,900	\$	462,000	2041	7	0.7963	0.4633	0.6269
R3053020040	1	45877	\$	330,500	\$	415,000	2041	7	0.7964	0.5796	0.6266
R3610350420	5	45793	\$	903,900	\$	1,135,000	1537	7	0.7964	1.2036	0.6266
R5836510140	2	45700	\$	490,600	\$	616,000	2041	7	0.7964	0.0817	0.6264

R4221730110	1	45853	\$	390,300	\$	490,000	1537	7	0.7965	0.3937	0.6259
R7475380200	5	45764	\$	1,035,700	\$	1,300,000	2041	7	0.7967	1.6135	0.6251
R7648000061	2	45835	\$	478,200	\$	600,000	2041	7	0.7970	0.1203	0.6235
R5207000775	5	45744	\$	1,156,500	\$	1,451,000	2041	7	0.7970	1.9891	0.6233
R1073780390	4	45791	\$	678,800	\$	851,000	1537	7	0.7976	0.5035	0.6203
R0843330040	3	45838	\$	614,500	\$	770,000	2041	7	0.7981	0.3036	0.6182
R5315000180	2	45721	\$	435,400	\$	545,000	2041	7	0.7989	0.2534	0.6140
R5125640160	3	45905	\$	599,400	\$	750,000	2041	7	0.7992	0.2566	0.6125
R7448230020	3	45576	\$	519,900	\$	650,000	2041	7	0.7998	0.0094	0.6092
R8036130370	2	45716	\$	444,000	\$	555,000	2041	7	0.8000	0.2267	0.6085
R1525000025	1	45877	\$	384,100	\$	479,900	2041	7	0.8004	0.4129	0.6066
R8036130070	3	45861	\$	544,300	\$	680,000	2041	7	0.8004	0.0853	0.6063
R2847230350	2	45807	\$	452,400	\$	565,000	1537	7	0.8007	0.2005	0.6049
R6793260010	2	45776	\$	416,600	\$	520,000	2041	7	0.8012	0.3119	0.6027
R1754002420	1	45812	\$	312,500	\$	390,000	2041	7	0.8013	0.6356	0.6020
R5125500285	3	45828	\$	561,000	\$	700,000	2041	7	0.8014	0.1372	0.6013
R6114510480	2	45917	\$	440,800	\$	549,900	2041	7	0.8016	0.2366	0.6004
R3432380040	3	45882	\$	633,600	\$	790,000	2041	7	0.8020	0.3630	0.5983
R3239010100	2	45904	\$	429,100	\$	535,000	2041	7	0.8021	0.2730	0.5982
MVAND842807	1	45925	\$	100,300	\$	125,000	65	7	0.8024	1.2955	0.5964
R8048200060	1	45730	\$	385,200	\$	480,000	2041	7	0.8025	0.4095	0.5959
R2343000515	5	45806	\$	1,284,100	\$	1,600,000	2041	7	0.8026	2.3860	0.5956
R9322400080	1	45898	\$	309,100	\$	385,000	2041	7	0.8029	0.6462	0.5941
R1625503940	2	45896	\$	503,400	\$	627,000	2041	7	0.8029	0.0419	0.5941
R5457430390	3	45660	\$	618,200	\$	769,900	2041	7	0.8030	0.3151	0.5936
R3482160360	5	45863	\$	939,600	\$	1,170,000	2041	7	0.8031	1.3146	0.5930
R8227280200	5	45849	\$	1,028,200	\$	1,280,000	2041	7	0.8033	1.5901	0.5920
R1277140206	5	45917	\$	1,104,700	\$	1,375,000	2041	7	0.8034	1.8280	0.5913
R3046500420	1	45572	\$	397,800	\$	494,900	2041	7	0.8038	0.3703	0.5894
R3239500352	3	45596	\$	520,100	\$	647,000	2041	7	0.8039	0.0100	0.5891
R7696810020	1	45614	\$	319,300	\$	397,000	26	7	0.8043	0.6145	0.5870
R0310000212	3	45636	\$	647,500	\$	805,000	2041	7	0.8043	0.4062	0.5867
R5983920050	5	45639	\$	1,769,900	\$	2,200,000	2041	7	0.8045	3.8967	0.5859
R1401520155	1	45891	\$	337,900	\$	420,000	2041	7	0.8045	0.5566	0.5858
R0923000170	2	45804	\$	426,400	\$	530,000	2041	7	0.8045	0.2814	0.5858
R0880000097	2	45797	\$	445,100	\$	553,000	2041	7	0.8049	0.2232	0.5840
R5456500276	1	45873	\$	402,500	\$	500,000	2041	7	0.8050	0.3557	0.5834
R9583920230	5	45821	\$	986,400	\$	1,225,000	2041	7	0.8052	1.4601	0.5823
R2336000530	5	45868	\$	999,300	\$	1,240,000	2041	7	0.8059	1.5003	0.5789
R3641500016	5	45925	\$	1,419,400	\$	1,761,150	2041	7	0.8060	2.8067	0.5786
R0925500100	3	45856	\$	536,200	\$	665,000	2041	7	0.8063	0.0601	0.5768
R9242370080	5	45926	\$	927,400	\$	1,150,000	2041	7	0.8064	1.2767	0.5762
R7476280020	3	45757	\$	576,700	\$	715,000	2041	7	0.8066	0.1860	0.5755
R6983120280	3	45861	\$	544,700	\$	675,000	26	7	0.8070	0.0865	0.5735

R1601000090	5	45859	\$	1,059,500	\$	1,312,500	2041	7	0.8072	1.6875	0.5722
R9227780110	5	45747	\$	949,200	\$	1,175,000	2041	7	0.8078	1.3445	0.5692
MNASH992609	1	45590	\$	121,200	\$	150,000	65	7	0.8080	1.2305	0.5683
R9686560310	3	45916	\$	606,000	\$	750,000	2041	7	0.8080	0.2771	0.5683
R7777774800	1	45834	\$	326,600	\$	404,000	2041	7	0.8084	0.5918	0.5663
R8266000382	4	45891	\$	679,100	\$	839,900	2041	7	0.8085	0.5045	0.5656
R9626250330	2	45777	\$	485,200	\$	600,000	2041	7	0.8087	0.0985	0.5650
R9441000047	2	45622	\$	428,700	\$	530,000	2041	7	0.8089	0.2742	0.5640
R5457980150	1	45805	\$	395,600	\$	489,000	2041	7	0.8090	0.3772	0.5633
R5130000968	1	45786	\$	281,500	\$	347,900	2041	7	0.8091	0.7320	0.5626
R6121320005	4	45807	\$	764,800	\$	945,000	2041	7	0.8093	0.7710	0.5618
R3239000080	1	45882	\$	335,900	\$	415,000	2041	7	0.8094	0.5628	0.5613
S0536244400	3	45905	\$	574,700	\$	710,000	2041	7	0.8094	0.1798	0.5611
R5315000910	2	45778	\$	425,400	\$	525,300	2041	7	0.8098	0.2845	0.5592
R0805500320	3	45573	\$	615,600	\$	760,000	2041	7	0.8100	0.3070	0.5583
R3193010120	1	45632	\$	174,200	\$	215,000	2046	7	0.8102	1.0657	0.5571
R7569500415	3	45688	\$	529,900	\$	654,000	2041	7	0.8102	0.0405	0.5571
R9403240075	1	45800	\$	287,800	\$	355,000	2041	7	0.8107	0.7124	0.5548
R0805870370	3	45874	\$	600,500	\$	739,900	2041	7	0.8116	0.2600	0.5503
R9539500260	1	45877	\$	387,200	\$	477,000	2041	7	0.8117	0.4033	0.5496
R5130000940	1	45861	\$	292,300	\$	360,000	2041	7	0.8119	0.6984	0.5486
R5315080050	3	45775	\$	580,600	\$	715,000	2041	7	0.8120	0.1982	0.5481
R7074640200	4	45828	\$	682,300	\$	840,000	2041	7	0.8123	0.5144	0.5470
R3610300740	4	45769	\$	792,200	\$	975,000	1537	7	0.8125	0.8562	0.5457
R9242860090	1	45849	\$	979,600	\$	1,205,000	2041	7	0.8129	1.4390	0.5435
R1075000012	4	45839	\$	739,900	\$	909,900	2041	7	0.8132	0.6936	0.5424
R7475860260	3	45838	\$	630,600	\$	775,000	2041	7	0.8137	0.3536	0.5399
R5125550230	4	45834	\$	708,200	\$	870,000	2041	7	0.8140	0.5950	0.5381
R7475860140	3	45825	\$	630,900	\$	775,000	2041	7	0.8141	0.3546	0.5379
R2690420340	2	45893	\$	427,400	\$	525,000	20	7	0.8141	0.2783	0.5378
R9026000085	2	45790	\$	492,900	\$	605,000	2041	7	0.8147	0.0746	0.5347
R4548500165	2	45575	\$	423,600	\$	519,900	2041	7	0.8148	0.2901	0.5344
R8186700191	1	45805	\$	387,300	\$	475,000	2041	7	0.8154	0.4030	0.5314
R3610300210	5	45730	\$	999,000	\$	1,225,000	1537	7	0.8155	1.4993	0.5307
R3610290300	5	45757	\$	1,468,500	\$	1,800,000	1537	7	0.8158	2.9594	0.5291
R6044180160	1	45855	\$	256,500	\$	314,390	26	7	0.8159	0.8098	0.5289
R3046630005	2	45853	\$	457,400	\$	560,000	2041	7	0.8168	0.1850	0.5243
R2024320395	1	45735	\$	311,400	\$	381,000	2041	7	0.8173	0.6390	0.5216
R6042350040	4	45861	\$	800,200	\$	979,000	1537	7	0.8174	0.8811	0.5214
R7406000415	5	45569	\$	1,901,600	\$	2,325,000	2041	7	0.8179	4.3063	0.5187
R1073760170	3	45782	\$	531,800	\$	650,000	1537	7	0.8182	0.0464	0.5174
R6888680200	1	45840	\$	285,900	\$	349,000	2041	7	0.8192	0.7183	0.5122
R8048690060	4	45903	\$	749,600	\$	915,000	2041	7	0.8192	0.7237	0.5120
R1625504060	3	45649	\$	566,200	\$	691,000	2041	7	0.8194	0.1534	0.5112

R5516770020	1	45805	\$	344,400	\$	420,000	2041	7	0.8200	0.5364	0.5082
R3638300190	1	45821	\$	246,200	\$	300,000	2041	7	0.8207	0.8418	0.5048
R7284740180	5	45792	\$	981,200	\$	1,195,000	2041	7	0.8211	1.4440	0.5027
R3078010080	1	45828	\$	205,200	\$	249,900	26	7	0.8211	0.9693	0.5025
R1525610190	1	45804	\$	396,700	\$	483,000	2041	7	0.8213	0.3738	0.5015
R7335580380	1	45786	\$	389,500	\$	474,000	2041	7	0.8217	0.3961	0.4995
R3053020110	1	45865	\$	320,400	\$	389,900	2041	7	0.8217	0.6110	0.4994
R7100700100	2	45898	\$	475,800	\$	579,000	2041	7	0.8218	0.1278	0.4993
R7335580335	2	45909	\$	416,800	\$	507,000	2041	7	0.8221	0.3112	0.4977
R1580730356	1	45593	\$	365,800	\$	444,900	2041	7	0.8222	0.4698	0.4971
R9465250310	1	45897	\$	374,700	\$	455,700	1537	7	0.8223	0.4422	0.4969
R5159000004	1	45700	\$	327,700	\$	398,500	2041	7	0.8223	0.5883	0.4965
R0805870065	3	45736	\$	600,500	\$	729,900	2041	7	0.8227	0.2600	0.4945
R7686140330	1	45778	\$	349,700	\$	425,000	2041	7	0.8228	0.5199	0.4940
R3581650210	1	45826	\$	378,600	\$	460,000	26	7	0.8230	0.4300	0.4929
R7335560320	2	45852	\$	415,700	\$	505,000	2041	7	0.8232	0.3147	0.4923
R5713430170	3	45930	\$	657,800	\$	799,000	2041	7	0.8233	0.4382	0.4917
R1580730351	1	45723	\$	366,500	\$	445,000	2041	7	0.8236	0.4677	0.4901
R5125520335	3	45874	\$	568,300	\$	690,000	2041	7	0.8236	0.1599	0.4900
S1002234040	3	45568	\$	511,100	\$	620,500	2041	7	0.8237	0.0180	0.4897
R5207001105	4	45716	\$	712,500	\$	865,000	2041	7	0.8237	0.6084	0.4896
R1171010030	3	45657	\$	650,800	\$	790,000	1537	7	0.8238	0.4165	0.4891
R9412310210	1	45792	\$	303,200	\$	368,000	2041	7	0.8239	0.6645	0.4885
S0628336142	3	45849	\$	523,200	\$	635,000	2041	7	0.8239	0.0196	0.4884
R9242370070	5	45918	\$	943,200	\$	1,144,500	2041	7	0.8241	1.3258	0.4875
R5457760100	3	45814	\$	564,600	\$	685,000	1537	7	0.8242	0.1484	0.4869
R9227100330	2	45810	\$	474,000	\$	575,000	2041	7	0.8243	0.1334	0.4864
R3629000121	1	45873	\$	354,400	\$	429,900	2041	7	0.8244	0.5053	0.4862
R2120000225	1	45706	\$	329,700	\$	399,900	2041	7	0.8245	0.5821	0.4858
R3817020310	1	45891	\$	316,600	\$	384,000	2041	7	0.8245	0.6229	0.4857
R8059180200	4	45891	\$	783,300	\$	950,000	26	7	0.8245	0.8285	0.4855
MNASH062611	1	45588	\$	173,200	\$	210,000	65	7	0.8248	1.0688	0.4843
R5350500550	4	45867	\$	672,300	\$	815,000	2041	7	0.8249	0.4833	0.4836
R5125810050	3	45831	\$	537,900	\$	651,900	2041	7	0.8251	0.0654	0.4825
R1525740950	3	45804	\$	536,400	\$	649,990	2041	7	0.8252	0.0607	0.4819
R7224730100	1	45824	\$	185,700	\$	225,000	20	7	0.8253	1.0299	0.4814
R0923000060	2	45884	\$	429,200	\$	520,000	2041	7	0.8254	0.2727	0.4812
R2734501971	1	45747	\$	480,400	\$	582,000	2041	7	0.8254	0.1135	0.4809
R1077250135	2	45628	\$	408,600	\$	495,000	1537	7	0.8255	0.3367	0.4808
R5861410080	1	45748	\$	342,600	\$	415,000	26	7	0.8255	0.5420	0.4804
R9322410210	1	45884	\$	309,600	\$	375,000	2041	7	0.8256	0.6446	0.4801
R9539500155	1	45786	\$	359,200	\$	435,000	2041	7	0.8257	0.4904	0.4793
R8511280930	4	45884	\$	659,800	\$	799,000	26	7	0.8258	0.4445	0.4792
R1277000320	4	45868	\$	768,100	\$	930,000	1537	7	0.8259	0.7813	0.4785

R1805370170	2	45889	\$	413,200	\$	499,900	2041	7	0.8266	0.3224	0.4752
R1508000015	1	45779	\$	334,800	\$	405,000	2041	7	0.8267	0.5663	0.4747
R9686560214	3	45800	\$	508,400	\$	615,000	2041	7	0.8267	0.0264	0.4747
R8582250110	3	45687	\$	537,400	\$	650,000	2041	7	0.8268	0.0638	0.4742
R1719410230	4	45875	\$	723,600	\$	875,000	2041	7	0.8270	0.6429	0.4732
R7686140430	1	45748	\$	351,500	\$	425,000	2041	7	0.8271	0.5143	0.4728
R7334010027	1	45618	\$	316,800	\$	383,000	2041	7	0.8272	0.6222	0.4723
S0629428045	4	45819	\$	785,900	\$	950,000	2041	7	0.8273	0.8366	0.4717
MBROA761423	1	45656	\$	27,300	\$	33,000	65	7	0.8273	1.5225	0.4717
R1023290430	4	45875	\$	660,200	\$	797,900	2041	7	0.8274	0.4457	0.4709
R0551010050	2	45656	\$	446,200	\$	539,000	2041	7	0.8278	0.2198	0.4689
R7982260220	2	45644	\$	410,700	\$	496,000	2041	7	0.8280	0.3302	0.4679
R7334000365	1	45698	\$	366,000	\$	442,000	2041	7	0.8281	0.4692	0.4678
R9227500645	3	45840	\$	587,200	\$	709,000	2041	7	0.8282	0.2187	0.4670
R7626390240	3	45765	\$	521,800	\$	629,900	2041	7	0.8284	0.0153	0.4661
R1023290210	4	45840	\$	700,000	\$	845,000	2041	7	0.8284	0.5695	0.4660
R5378670040	1	45903	\$	342,600	\$	413,500	2041	7	0.8285	0.5420	0.4654
R2037750110	4	45828	\$	770,700	\$	930,000	2041	7	0.8287	0.7893	0.4645
R5456500274	1	45817	\$	393,700	\$	475,000	2041	7	0.8288	0.3831	0.4638
R2024302305	1	45594	\$	321,600	\$	388,000	2041	7	0.8289	0.6073	0.4637
MOAKW002715	1	45846	\$	111,900	\$	135,000	65	7	0.8289	1.2595	0.4636
R7334201220	3	45835	\$	543,100	\$	655,000	2041	7	0.8292	0.0815	0.4622
R9686570340	3	45804	\$	518,400	\$	625,000	2041	7	0.8294	0.0047	0.4608
R8207001516	1	45772	\$	394,100	\$	475,000	2041	7	0.8297	0.3818	0.4596
R1719540010	3	45756	\$	589,100	\$	710,000	2041	7	0.8297	0.2246	0.4594
R4726510070	2	45601	\$	493,800	\$	595,000	2041	7	0.8299	0.0718	0.4584
R9227790010	3	45778	\$	643,500	\$	775,000	2041	7	0.8303	0.3938	0.4564
R6888370225	1	45762	\$	332,100	\$	399,900	2041	7	0.8305	0.5747	0.4557
R5488000050	1	45604	\$	369,600	\$	445,000	2041	7	0.8306	0.4580	0.4552
R2884050175	4	45796	\$	669,900	\$	806,000	2041	7	0.8311	0.4759	0.4523
R8123010344	1	45910	\$	266,000	\$	320,000	20	7	0.8313	0.7802	0.4517
R2847500150	1	45832	\$	353,300	\$	425,000	2041	7	0.8313	0.5087	0.4515
R6042340220	4	45834	\$	723,600	\$	870,000	1537	7	0.8317	0.6429	0.4494
R8036130160	3	45884	\$	528,200	\$	635,000	2041	7	0.8318	0.0352	0.4489
R9464250065	1	45758	\$	249,600	\$	300,000	26	7	0.8320	0.8312	0.4480
R5456500400	1	45618	\$	395,200	\$	474,900	2041	7	0.8322	0.3784	0.4471
R8036140280	2	45765	\$	441,100	\$	530,000	2041	7	0.8323	0.2357	0.4467
R1013500460	5	45588	\$	1,411,000	\$	1,695,000	2041	7	0.8324	2.7806	0.4457
R7704520075	1	45912	\$	366,400	\$	440,000	2041	7	0.8327	0.4680	0.4443
R4221300540	1	45882	\$	395,600	\$	475,000	1537	7	0.8328	0.3772	0.4438
R5125400262	2	45902	\$	458,100	\$	550,000	2041	7	0.8329	0.1828	0.4434
R2037150235	2	45869	\$	460,600	\$	553,000	2041	7	0.8329	0.1750	0.4434
R3193010235	1	45820	\$	166,600	\$	200,000	2046	7	0.8330	1.0893	0.4430
R9516000010	2	45581	\$	498,200	\$	598,000	2041	7	0.8331	0.0581	0.4424

R8222600020	1	45762	\$	316,600	\$	380,000	2041	7	0.8332	0.6229	0.4422
R1342000395	3	45747	\$	562,400	\$	675,000	2041	7	0.8332	0.1416	0.4420
R9255000265	2	45790	\$	479,100	\$	575,000	2041	7	0.8332	0.1175	0.4419
R6905510070	3	45779	\$	520,900	\$	624,900	2041	7	0.8336	0.0125	0.4401
R6114510835	2	45805	\$	491,800	\$	589,900	2041	7	0.8337	0.0780	0.4395
R5134030025	4	45821	\$	831,400	\$	997,000	2041	7	0.8339	0.9781	0.4384
R6042371120	3	45807	\$	633,000	\$	759,000	1537	7	0.8340	0.3611	0.4380
R7334200930	1	45685	\$	225,200	\$	270,000	20	7	0.8341	0.9071	0.4376
R1476180030	5	45835	\$	1,051,800	\$	1,260,000	2041	7	0.8348	1.6635	0.4341
R7334180592	1	45861	\$	331,400	\$	396,900	2041	7	0.8350	0.5768	0.4331
R2336000050	4	45870	\$	698,100	\$	836,000	2041	7	0.8350	0.5636	0.4327
R1383257090	1	45789	\$	238,500	\$	285,537	26	7	0.8353	0.8657	0.4316
R3386000045	1	45821	\$	325,000	\$	389,000	2041	7	0.8355	0.5967	0.4306
R7958770150	1	45736	\$	401,100	\$	479,900	26	7	0.8358	0.3601	0.4289
R5125520015	3	45877	\$	618,600	\$	739,900	2041	7	0.8361	0.3163	0.4276
R1798500415	2	45702	\$	472,400	\$	565,000	2041	7	0.8361	0.1383	0.4274
R1279000025	3	45674	\$	524,200	\$	626,800	2041	7	0.8363	0.0228	0.4264
R3695650070	4	45834	\$	711,300	\$	850,000	2041	7	0.8368	0.6046	0.4238
R7335560040	2	45870	\$	456,100	\$	545,000	2041	7	0.8369	0.1890	0.4235
R1943001150	3	45799	\$	615,100	\$	734,900	2041	7	0.8370	0.3054	0.4230
R9380730050	2	45856	\$	434,400	\$	519,000	26	7	0.8370	0.2565	0.4229
R1079660630	2	45791	\$	481,300	\$	575,000	1537	7	0.8370	0.1107	0.4227
R6907730020	2	45926	\$	439,500	\$	525,000	2041	7	0.8371	0.2407	0.4222
R1608250320	1	45828	\$	380,100	\$	454,000	2041	7	0.8372	0.4254	0.4218
R9322750630	2	45870	\$	431,200	\$	515,000	2041	7	0.8373	0.2665	0.4215
R9227100430	3	45813	\$	586,100	\$	700,000	2041	7	0.8373	0.2153	0.4215
R2039250545	5	45838	\$	1,381,600	\$	1,650,001	2041	7	0.8373	2.6892	0.4212
R4221320375	2	45903	\$	443,800	\$	530,000	1537	7	0.8374	0.2273	0.4211
R2320000350	3	45876	\$	577,900	\$	690,000	2041	7	0.8375	0.1898	0.4202
R2847250030	3	45805	\$	526,900	\$	629,000	1537	7	0.8377	0.0312	0.4195
R3610300650	4	45694	\$	758,100	\$	905,000	1537	7	0.8377	0.7502	0.4195
R9511380140	4	45902	\$	711,200	\$	849,000	2041	7	0.8377	0.6043	0.4194
R7777775040	1	45768	\$	330,900	\$	395,000	2041	7	0.8377	0.5784	0.4193
R7292510075	1	45919	\$	326,700	\$	389,900	2041	7	0.8379	0.5914	0.4184
R7132000255	1	45744	\$	339,500	\$	405,000	2041	7	0.8383	0.5516	0.4165
R8177360020	3	45923	\$	650,000	\$	775,000	2041	7	0.8387	0.4140	0.4143
R1580950390	2	45734	\$	495,000	\$	590,000	2041	7	0.8390	0.0681	0.4130
R7858010271	3	45785	\$	629,200	\$	749,900	2041	7	0.8390	0.3493	0.4127
R7332850275	2	45856	\$	465,800	\$	555,000	2041	7	0.8393	0.1589	0.4115
R9437530030	1	45635	\$	331,700	\$	395,000	2041	7	0.8397	0.5759	0.4091
R5125650300	3	45726	\$	587,100	\$	699,000	2041	7	0.8399	0.2184	0.4083
R1001190020	1	45923	\$	342,800	\$	408,000	2041	7	0.8402	0.5414	0.4069
R4548530270	1	45723	\$	407,200	\$	484,600	2041	7	0.8403	0.3411	0.4065
R5125540040	2	45775	\$	462,200	\$	550,000	2041	7	0.8404	0.1701	0.4060

R5279760390	3	45744	\$	609,400	\$	725,000	2041	7	0.8406	0.2877	0.4051
R7100580080	1	45868	\$	302,600	\$	360,000	26	7	0.8406	0.6664	0.4051
R0541500210	4	45897	\$	685,100	\$	815,000	2041	7	0.8406	0.5231	0.4048
R0872750021	5	45769	\$	924,900	\$	1,100,000	2041	7	0.8408	1.2689	0.4038
R2037750140	4	45792	\$	790,700	\$	940,000	2041	7	0.8412	0.8515	0.4020
R2732870071	2	45831	\$	467,000	\$	555,000	2041	7	0.8414	0.1551	0.4006
R2847050285	3	45568	\$	589,200	\$	700,000	2041	7	0.8417	0.2249	0.3993
R8532550100	4	45891	\$	715,100	\$	849,000	2041	7	0.8423	0.6164	0.3964
R2037750130	4	45838	\$	770,700	\$	914,900	2041	7	0.8424	0.7893	0.3959
R4931640130	4	45761	\$	754,100	\$	895,000	2041	7	0.8426	0.7377	0.3950
R8226700440	4	45820	\$	770,300	\$	914,000	2041	7	0.8428	0.7881	0.3939
R1342000055	2	45880	\$	425,700	\$	505,000	2041	7	0.8430	0.2836	0.3930
R5130001125	1	45848	\$	378,500	\$	449,000	2041	7	0.8430	0.4304	0.3929
R8048680850	3	45602	\$	598,600	\$	710,000	2041	7	0.8431	0.2541	0.3923
R5315010620	1	45595	\$	306,100	\$	363,000	2041	7	0.8433	0.6555	0.3916
R3606560260	1	45772	\$	375,400	\$	445,000	2041	7	0.8436	0.4400	0.3898
R1525721280	1	45853	\$	388,900	\$	461,000	2041	7	0.8436	0.3980	0.3898
R4997440120	1	45793	\$	378,900	\$	449,000	1537	7	0.8439	0.4291	0.3884
R4997440670	1	45657	\$	405,100	\$	480,000	1537	7	0.8440	0.3476	0.3880
R8813650090	1	45583	\$	367,200	\$	435,000	2041	7	0.8441	0.4655	0.3871
R2884040290	4	45884	\$	730,200	\$	865,000	2041	7	0.8442	0.6634	0.3870
R3407770360	1	45727	\$	370,600	\$	439,000	2041	7	0.8442	0.4549	0.3868
R1892010480	2	45807	\$	472,800	\$	559,900	2041	7	0.8444	0.1371	0.3856
R1383251040	1	45792	\$	202,700	\$	240,000	26	7	0.8446	0.9771	0.3849
R0363120040	1	45749	\$	329,400	\$	390,000	2041	7	0.8446	0.5830	0.3847
R0888140380	1	45609	\$	230,600	\$	273,000	26	7	0.8447	0.8903	0.3843
R3610290520	4	45763	\$	869,900	\$	1,029,000	1537	7	0.8454	1.0978	0.3809
R7334020285	1	45698	\$	330,600	\$	391,000	2041	7	0.8455	0.5793	0.3802
R1525590170	1	45867	\$	401,700	\$	475,000	2041	7	0.8457	0.3582	0.3794
R8511280950	4	45772	\$	803,800	\$	950,000	26	7	0.8461	0.8923	0.3772
R8470640340	3	45786	\$	634,600	\$	750,000	2041	7	0.8461	0.3661	0.3771
R5315100010	2	45757	\$	473,000	\$	559,000	2041	7	0.8462	0.1365	0.3770
R4951000270	2	45768	\$	469,700	\$	555,000	2041	7	0.8463	0.1467	0.3762
R2906000005	1	45856	\$	383,800	\$	453,500	2041	7	0.8463	0.4139	0.3762
R2917010030	1	45747	\$	328,400	\$	388,000	2041	7	0.8464	0.5862	0.3758
R1280520130	2	45884	\$	474,000	\$	560,000	2041	7	0.8464	0.1334	0.3756
R7476770170	3	45916	\$	634,900	\$	750,000	2041	7	0.8465	0.3670	0.3751
R6115000300	2	45918	\$	414,900	\$	490,000	2041	7	0.8467	0.3172	0.3741
R3482150323	4	45929	\$	677,500	\$	800,000	2041	7	0.8469	0.4995	0.3734
R3616250042	5	45897	\$	931,600	\$	1,100,000	2041	7	0.8469	1.2897	0.3732
R1580950190	3	45848	\$	606,000	\$	715,000	2041	7	0.8476	0.2771	0.3700
R3046640340	1	45611	\$	368,800	\$	435,000	2041	7	0.8478	0.4605	0.3687
R8954560251	2	45807	\$	410,800	\$	484,500	2041	7	0.8479	0.3299	0.3683
R8043260010	3	45912	\$	593,700	\$	700,000	1537	7	0.8481	0.2389	0.3670

R9227740015	4	45754	\$	788,800	\$	930,000	2041	7	0.8482	0.8456	0.3669
R7334180160	1	45749	\$	288,400	\$	340,000	2041	7	0.8482	0.7106	0.3666
R5457600070	2	45796	\$	432,700	\$	510,000	2041	7	0.8484	0.2618	0.3656
MNASH073201	1	45694	\$	258,400	\$	304,500	65	7	0.8486	0.8039	0.3647
R1280500170	1	45686	\$	356,500	\$	420,000	2041	7	0.8488	0.4988	0.3637
R0805870130	3	45807	\$	600,500	\$	707,400	2041	7	0.8489	0.2600	0.3633
R6026010045	3	45581	\$	577,300	\$	680,000	2041	7	0.8490	0.1879	0.3629
R3616530060	3	45608	\$	628,500	\$	740,000	2041	7	0.8493	0.3471	0.3611
R5134030221	5	45922	\$	1,119,600	\$	1,318,000	2041	7	0.8495	1.8744	0.3604
R8123003185	2	45838	\$	466,800	\$	549,420	2041	7	0.8496	0.1558	0.3596
R4688000240	2	45838	\$	435,500	\$	512,500	2041	7	0.8498	0.2531	0.3589
R3482170580	5	45783	\$	956,000	\$	1,125,000	2041	7	0.8498	1.3656	0.3588
R3482150835	4	45796	\$	702,200	\$	826,300	2041	7	0.8498	0.5763	0.3587
R6042370160	4	45590	\$	777,500	\$	914,900	1537	7	0.8498	0.8105	0.3586
MBUDD751450	1	45709	\$	13,600	\$	16,000	65	7	0.8500	1.5652	0.3577
R9529660605	1	45762	\$	340,000	\$	399,900	2041	7	0.8502	0.5501	0.3566
R7594000220	4	45789	\$	737,900	\$	867,750	2041	7	0.8504	0.6873	0.3559
R1387010020	1	45838	\$	340,200	\$	400,000	2041	7	0.8505	0.5495	0.3552
R7326780145	3	45821	\$	523,100	\$	615,000	2041	7	0.8506	0.0193	0.3549
R4548500130	1	45793	\$	382,800	\$	450,000	2041	7	0.8507	0.4170	0.3544
R1808500640	3	45789	\$	638,000	\$	750,000	2041	7	0.8507	0.3767	0.3544
S1023223280	1	45828	\$	361,700	\$	425,000	2041	7	0.8511	0.4826	0.3524
R8059160180	4	45716	\$	795,800	\$	935,000	26	7	0.8511	0.8674	0.3521
R3193010050	1	45852	\$	183,000	\$	215,000	2046	7	0.8512	1.0383	0.3519
R1505140340	1	45616	\$	283,300	\$	332,800	2041	7	0.8513	0.7264	0.3514
R0805500630	4	45783	\$	693,800	\$	815,000	2041	7	0.8513	0.5502	0.3513
R2734250255	3	45596	\$	584,400	\$	686,424	2041	7	0.8514	0.2100	0.3508
R3610300820	5	45777	\$	1,349,500	\$	1,585,000	1537	7	0.8514	2.5894	0.3506
R7463160220	1	45744	\$	272,500	\$	320,000	26	7	0.8516	0.7600	0.3499
MSKYL072701	1	45607	\$	127,700	\$	149,900	65	7	0.8519	1.2103	0.3482
R2733030135	2	45863	\$	416,700	\$	489,000	2041	7	0.8521	0.3116	0.3469
R3510000145	3	45596	\$	532,600	\$	625,000	2041	7	0.8522	0.0489	0.3469
R8048550050	2	45826	\$	494,300	\$	579,900	1537	7	0.8524	0.0702	0.3457
R7923290110	2	45883	\$	422,400	\$	495,500	2041	7	0.8525	0.2938	0.3453
R7284760100	5	45674	\$	1,108,600	\$	1,300,000	2041	7	0.8528	1.8402	0.3438
R2024301480	1	45688	\$	341,200	\$	399,900	2041	7	0.8532	0.5464	0.3416
R8226680770	4	45792	\$	729,900	\$	855,000	2041	7	0.8537	0.6625	0.3392
R0367000040	5	45859	\$	1,408,700	\$	1,650,000	2041	7	0.8538	2.7735	0.3389
R1425510040	1	45870	\$	371,400	\$	435,000	2041	7	0.8538	0.4524	0.3387
R7475830110	5	45807	\$	2,134,700	\$	2,500,000	2041	7	0.8539	5.0312	0.3383
R1479000440	4	45877	\$	785,700	\$	920,000	2041	7	0.8540	0.8360	0.3375
R1580940170	2	45897	\$	474,000	\$	555,000	2041	7	0.8541	0.1334	0.3374
R9441000080	1	45608	\$	320,300	\$	375,000	2041	7	0.8541	0.6113	0.3370
R6042340310	4	45930	\$	845,600	\$	990,000	1537	7	0.8541	1.0223	0.3369

R1580700065	3	45744	\$	598,800	\$	701,000	2041	7	0.8542	0.2548	0.3366
R6070500250	2	45588	\$	499,800	\$	585,000	2041	7	0.8544	0.0531	0.3359
R1567350040	2	45762	\$	427,200	\$	500,000	2041	7	0.8544	0.2789	0.3356
R9441000224	2	45784	\$	534,100	\$	625,000	2041	7	0.8546	0.0535	0.3348
R4930150120	1	45786	\$	363,200	\$	425,000	2041	7	0.8546	0.4779	0.3347
R7051430040	1	45786	\$	332,900	\$	389,500	26	7	0.8547	0.5722	0.3342
R2690420380	2	45826	\$	427,400	\$	500,000	20	7	0.8548	0.2783	0.3336
R7284380010	5	45628	\$	1,384,800	\$	1,620,000	2041	7	0.8548	2.6991	0.3336
R1610000020	1	45576	\$	360,400	\$	421,600	2041	7	0.8548	0.4866	0.3334
R1943002210	2	45874	\$	502,100	\$	587,000	2041	7	0.8554	0.0460	0.3308
R1754001255	1	45849	\$	393,500	\$	460,000	2041	7	0.8554	0.3837	0.3305
R3719250740	2	45747	\$	457,800	\$	535,150	2041	7	0.8555	0.1837	0.3303
R8059150250	4	45855	\$	855,600	\$	1,000,000	26	7	0.8556	1.0534	0.3296
R0805500690	4	45688	\$	697,400	\$	814,900	2041	7	0.8558	0.5614	0.3286
R1525670450	1	45873	\$	389,500	\$	455,000	2041	7	0.8560	0.3961	0.3274
R8521450640	2	45854	\$	449,500	\$	525,000	2041	7	0.8562	0.2096	0.3267
R7923290201	2	45642	\$	428,000	\$	499,800	2041	7	0.8563	0.2764	0.3259
R9322750920	3	45924	\$	573,800	\$	670,000	2041	7	0.8564	0.1770	0.3255
R1580710185	1	45863	\$	406,900	\$	475,000	2041	7	0.8566	0.3420	0.3245
R1431970190	2	45617	\$	436,900	\$	510,000	26	7	0.8567	0.2487	0.3243
R1508010085	1	45786	\$	342,600	\$	399,900	2041	7	0.8567	0.5420	0.3240
R1525750640	3	45695	\$	526,900	\$	615,000	2041	7	0.8567	0.0312	0.3239
R8074420450	1	45798	\$	312,300	\$	364,500	2041	7	0.8568	0.6362	0.3237
R7909960180	2	45807	\$	434,000	\$	506,500	2041	7	0.8569	0.2578	0.3233
R8313180170	5	45877	\$	959,800	\$	1,120,000	2041	7	0.8570	1.3774	0.3228
R2847500221	1	45810	\$	368,500	\$	430,000	2041	7	0.8570	0.4615	0.3227
MFLEE231401	1	45730	\$	83,400	\$	97,300	65	7	0.8571	1.3481	0.3219
R3050010430	5	45807	\$	1,024,300	\$	1,195,000	2041	7	0.8572	1.5780	0.3218
R8222920170	2	45925	\$	441,500	\$	515,000	1537	7	0.8573	0.2344	0.3212
R9403240210	1	45569	\$	300,100	\$	350,000	2041	7	0.8574	0.6742	0.3205
R8048190020	3	45667	\$	619,600	\$	722,500	1537	7	0.8576	0.3194	0.3197
R3674150160	1	45909	\$	377,400	\$	440,000	2041	7	0.8577	0.4338	0.3190
R4219200480	2	45873	\$	463,200	\$	540,000	2041	7	0.8578	0.1669	0.3187
R7475320430	5	45922	\$	943,900	\$	1,100,000	2041	7	0.8581	1.3280	0.3171
R5125650200	3	45765	\$	553,500	\$	645,000	2041	7	0.8581	0.1139	0.3169
R3719170500	1	45908	\$	347,500	\$	404,900	2041	7	0.8582	0.5268	0.3164
R5125530480	2	45810	\$	482,400	\$	562,000	2041	7	0.8584	0.1072	0.3158
R0843340320	3	45708	\$	600,900	\$	699,900	2041	7	0.8586	0.2613	0.3148
R5125500400	3	45730	\$	539,700	\$	628,500	2041	7	0.8587	0.0710	0.3140
R5417150170	2	45786	\$	429,300	\$	499,900	2041	7	0.8588	0.2724	0.3137
R9441000034	2	45814	\$	435,700	\$	507,000	2041	7	0.8594	0.2525	0.3107
R3012420210	2	45869	\$	490,000	\$	570,000	2041	7	0.8596	0.0836	0.3093
MLIBE821404	1	45652	\$	60,100	\$	69,900	65	7	0.8598	1.4205	0.3086
R4737640250	2	45765	\$	498,600	\$	579,900	2041	7	0.8598	0.0569	0.3085

R9227750100	5	45779	\$	1,294,300	\$	1,505,055	2041	7	0.8600	2.4177	0.3077
R3482170360	4	45789	\$	731,100	\$	849,900	2041	7	0.8602	0.6662	0.3065
R1407440040	1	45912	\$	288,100	\$	334,900	2041	7	0.8603	0.7115	0.3063
R6042370140	4	45593	\$	838,800	\$	975,000	1537	7	0.8603	1.0011	0.3060
R5134030022	4	45870	\$	727,000	\$	845,000	2041	7	0.8604	0.6534	0.3058
R6284140240	1	45924	\$	365,700	\$	425,000	2041	7	0.8605	0.4702	0.3052
R3638300280	1	45845	\$	240,900	\$	279,900	2041	7	0.8607	0.8583	0.3042
R9227500180	3	45915	\$	624,400	\$	725,000	2041	7	0.8612	0.3344	0.3013
R3429000055	1	45729	\$	305,800	\$	355,000	2041	7	0.8614	0.6564	0.3005
R3616410020	3	45852	\$	542,700	\$	630,000	2041	7	0.8614	0.0803	0.3004
R6877160340	2	45575	\$	430,700	\$	499,900	2026	7	0.8616	0.2680	0.2997
R5915311200	3	45926	\$	516,100	\$	599,000	2041	7	0.8616	0.0024	0.2995
R6960130460	1	45881	\$	297,200	\$	344,900	2041	7	0.8617	0.6832	0.2990
R2734251195	3	45604	\$	646,200	\$	749,900	2041	7	0.8617	0.4022	0.2990
R1317410720	3	45848	\$	550,900	\$	639,000	2041	7	0.8621	0.1058	0.2969
R1955011214	3	45898	\$	560,300	\$	649,900	2041	7	0.8621	0.1350	0.2969
R3610161110	4	45834	\$	844,500	\$	979,500	1537	7	0.8622	1.0189	0.2967
R7100700280	1	45800	\$	363,100	\$	421,000	2041	7	0.8625	0.4782	0.2952
MGLN852703	1	45566	\$	69,000	\$	80,000	65	7	0.8625	1.3929	0.2950
R1580710045	1	45848	\$	362,300	\$	420,000	2041	7	0.8626	0.4807	0.2944
R6960150080	1	45813	\$	345,100	\$	400,000	2041	7	0.8628	0.5342	0.2938
R2734250115	3	45733	\$	582,400	\$	675,000	2041	7	0.8628	0.2038	0.2934
R8532550330	4	45919	\$	793,800	\$	920,000	2041	7	0.8628	0.8612	0.2934
R8112001445	2	45791	\$	487,500	\$	565,000	2041	7	0.8628	0.0914	0.2934
R1440710090	2	45811	\$	412,700	\$	478,000	2041	7	0.8634	0.3240	0.2906
MBARR721421	1	45572	\$	35,400	\$	41,000	65	7	0.8634	1.4974	0.2904
R1126001715	4	45863	\$	876,500	\$	1,015,000	2041	7	0.8635	1.1184	0.2898
R6042361240	4	45912	\$	755,700	\$	875,000	1537	7	0.8637	0.7427	0.2892
R7224730140	1	45859	\$	185,700	\$	215,000	20	7	0.8637	1.0299	0.2889
R7406310030	1	45596	\$	626,200	\$	725,000	26	7	0.8637	0.3400	0.2889
R2887400190	2	45919	\$	496,700	\$	575,000	2041	7	0.8638	0.0628	0.2884
R9242270050	4	45618	\$	862,300	\$	998,000	2041	7	0.8640	1.0742	0.2874
R6042361100	4	45862	\$	769,100	\$	890,000	1537	7	0.8642	0.7844	0.2867
R1580950420	2	45782	\$	447,500	\$	517,500	2041	7	0.8647	0.2158	0.2838
R5279760290	2	45902	\$	466,200	\$	539,000	2041	7	0.8649	0.1576	0.2828
R9322750480	2	45869	\$	466,300	\$	539,000	2041	7	0.8651	0.1573	0.2819
R2847050275	3	45852	\$	513,900	\$	594,000	2041	7	0.8652	0.0093	0.2817
R8079520500	4	45925	\$	670,600	\$	775,000	2041	7	0.8653	0.4780	0.2810
R1383255120	1	45611	\$	259,600	\$	300,000	26	7	0.8653	0.8001	0.2808
R1754001466	3	45877	\$	514,500	\$	594,500	2041	7	0.8654	0.0074	0.2803
R5504610710	2	45911	\$	484,700	\$	560,000	2041	7	0.8655	0.1001	0.2798
R0885240230	2	45849	\$	420,300	\$	485,500	2041	7	0.8657	0.3004	0.2789
R3046640030	2	45804	\$	432,900	\$	500,000	2041	7	0.8658	0.2612	0.2785
R1126002955	3	45762	\$	649,500	\$	750,000	2041	7	0.8660	0.4124	0.2775

R5731000012	5	45779	\$	1,017,900	\$	1,175,000	2041	7	0.8663	1.5581	0.2760
R4548530210	1	45789	\$	329,200	\$	380,000	2041	7	0.8663	0.5837	0.2759
R1525660040	2	45915	\$	420,200	\$	485,000	2041	7	0.8664	0.3007	0.2755
R2733050015	2	45821	\$	415,800	\$	479,900	2041	7	0.8664	0.3144	0.2753
R1951750030	4	45589	\$	671,600	\$	775,000	2041	7	0.8666	0.4812	0.2746
R7570660080	1	45841	\$	390,000	\$	450,000	2041	7	0.8667	0.3946	0.2741
R3239170030	1	45743	\$	264,800	\$	305,500	26	7	0.8668	0.7839	0.2736
R2734502287	1	45702	\$	316,400	\$	365,000	2041	7	0.8668	0.6235	0.2732
R6042400840	4	45596	\$	754,100	\$	869,900	1537	7	0.8669	0.7377	0.2731
R7406000505	5	45916	\$	2,168,200	\$	2,500,000	2041	7	0.8673	5.1354	0.2711
R8226720510	4	45576	\$	724,200	\$	835,000	2041	7	0.8673	0.6447	0.2709
R5836500120	3	45887	\$	520,400	\$	600,000	2041	7	0.8673	0.0109	0.2708
R5953730360	1	45741	\$	364,300	\$	420,000	2041	7	0.8674	0.4745	0.2705
R1719410310	4	45800	\$	801,700	\$	924,000	2041	7	0.8676	0.8858	0.2692
R2348790190	5	45852	\$	953,600	\$	1,099,000	2041	7	0.8677	1.3581	0.2690
R1721000036	4	45740	\$	778,400	\$	897,000	2041	7	0.8678	0.8133	0.2685
R7569500605	1	45898	\$	355,800	\$	410,000	2041	7	0.8678	0.5009	0.2684
R7335550640	1	45838	\$	377,500	\$	435,000	2041	7	0.8678	0.4335	0.2684
R2884040187	5	45824	\$	1,093,500	\$	1,260,000	2041	7	0.8679	1.7932	0.2682
R4690000007	1	45812	\$	386,200	\$	445,000	2041	7	0.8679	0.4064	0.2681
R4726510080	2	45813	\$	467,800	\$	539,000	2041	7	0.8679	0.1526	0.2679
R7854500012	1	45835	\$	389,700	\$	449,000	2041	7	0.8679	0.3955	0.2678
R7320310020	1	45898	\$	361,600	\$	416,500	2041	7	0.8682	0.4829	0.2665
R3610320060	3	45687	\$	514,200	\$	592,000	26	7	0.8686	0.0083	0.2645
R1754001026	2	45894	\$	473,400	\$	545,000	2041	7	0.8686	0.1352	0.2643
R1184000065	2	45908	\$	430,100	\$	495,000	2041	7	0.8689	0.2699	0.2630
R0805500680	4	45881	\$	691,700	\$	796,000	2041	7	0.8690	0.5437	0.2626
R4737660010	2	45930	\$	458,400	\$	527,500	2041	7	0.8690	0.1819	0.2624
R1580720660	2	45805	\$	497,100	\$	572,000	2041	7	0.8691	0.0615	0.2621
R6635500330	1	45839	\$	399,800	\$	459,900	2041	7	0.8693	0.3641	0.2608
R3219270005	1	45859	\$	326,900	\$	376,000	2041	7	0.8694	0.5908	0.2603
R1023290480	3	45882	\$	608,700	\$	700,000	2041	7	0.8696	0.2855	0.2596
R7448230310	3	45814	\$	623,500	\$	717,000	2041	7	0.8696	0.3316	0.2594
R8039651060	1	45765	\$	234,000	\$	269,000	26	7	0.8699	0.8797	0.2580
R1440710072	1	45903	\$	391,400	\$	449,900	2041	7	0.8700	0.3902	0.2576
R1376450280	2	45590	\$	461,100	\$	530,000	2041	7	0.8700	0.1735	0.2574
R1892000040	1	45614	\$	365,500	\$	420,000	2041	7	0.8702	0.4708	0.2562
R3239170090	1	45840	\$	258,500	\$	297,000	26	7	0.8704	0.8035	0.2556
R1077500180	1	45758	\$	393,000	\$	451,500	2041	7	0.8704	0.3853	0.2552
R5130000601	1	45805	\$	139,300	\$	160,000	20	7	0.8706	1.1742	0.2543
R9322420100	2	45610	\$	452,800	\$	520,000	2041	7	0.8708	0.1993	0.2536
R8180950090	2	45833	\$	422,400	\$	485,000	2041	7	0.8709	0.2938	0.2528
R9465800280	1	45821	\$	321,300	\$	368,900	2041	7	0.8710	0.6082	0.2526
R1580730520	2	45761	\$	444,200	\$	510,000	2041	7	0.8710	0.2260	0.2525

R7982260240	2	45867	\$	417,200	\$	479,000	2041	7	0.8710	0.3100	0.2525
R1955010235	5	45649	\$	1,000,800	\$	1,149,000	2041	7	0.8710	1.5049	0.2523
R2024302146	2	45849	\$	443,400	\$	509,000	2041	7	0.8711	0.2285	0.2518
R2348790250	4	45863	\$	756,200	\$	868,000	2041	7	0.8712	0.7443	0.2514
R6042250860	5	45792	\$	1,132,700	\$	1,300,000	1537	7	0.8713	1.9151	0.2509
R1580720790	3	45702	\$	535,900	\$	615,000	2041	7	0.8714	0.0591	0.2505
R8222720020	1	45688	\$	353,000	\$	405,000	1537	7	0.8716	0.5097	0.2494
R1035140170	5	45569	\$	1,185,300	\$	1,359,900	2041	7	0.8716	2.0787	0.2493
R6983120290	3	45763	\$	553,500	\$	635,000	26	7	0.8717	0.1139	0.2491
R1580340500	1	45786	\$	329,100	\$	377,500	2041	7	0.8718	0.5840	0.2484
S1011131600	1	45862	\$	344,400	\$	395,000	2041	7	0.8719	0.5364	0.2479
R5333720010	1	45583	\$	353,300	\$	405,000	2041	7	0.8723	0.5087	0.2456
R2365490230	1	45930	\$	366,400	\$	420,000	2041	7	0.8724	0.4680	0.2455
R5713430330	4	45891	\$	675,500	\$	774,000	2041	7	0.8727	0.4933	0.2437
R7335520107	2	45750	\$	449,500	\$	515,000	2041	7	0.8728	0.2096	0.2433
S1012223403	5	45792	\$	1,680,200	\$	1,925,000	2041	7	0.8728	3.6178	0.2432
R8048200305	2	45639	\$	467,000	\$	535,000	2041	7	0.8729	0.1551	0.2429
R1126001595	4	45646	\$	851,200	\$	975,000	2041	7	0.8730	1.0397	0.2422
R5646010220	1	45884	\$	322,200	\$	369,000	2041	7	0.8732	0.6054	0.2415
R6284130040	1	45828	\$	398,200	\$	456,000	2041	7	0.8732	0.3691	0.2411
R7923260040	1	45894	\$	324,000	\$	371,000	2041	7	0.8733	0.5998	0.2408
R8207500195	2	45702	\$	409,600	\$	469,000	2041	7	0.8733	0.3336	0.2406
R1013008750	1	45845	\$	275,200	\$	315,000	2041	7	0.8737	0.7516	0.2391
R7594000035	3	45811	\$	563,600	\$	645,000	2041	7	0.8738	0.1453	0.2384
R9511380940	3	45825	\$	596,400	\$	682,500	2041	7	0.8738	0.2473	0.2381
R1525710360	1	45828	\$	396,000	\$	453,000	2041	7	0.8742	0.3759	0.2365
R1277200020	2	45687	\$	450,200	\$	515,000	2041	7	0.8742	0.2074	0.2365
R4548520073	1	45869	\$	401,300	\$	459,000	2041	7	0.8743	0.3594	0.2359
R1525630410	3	45673	\$	531,600	\$	608,000	2041	7	0.8743	0.0458	0.2356
R1035150300	5	45764	\$	1,560,300	\$	1,784,000	2041	7	0.8746	3.2449	0.2343
R9242860050	1	45730	\$	1,067,100	\$	1,220,000	2041	7	0.8747	1.7111	0.2340
R6793270010	1	45812	\$	393,700	\$	450,000	2041	7	0.8749	0.3831	0.2329
R5983870230	5	45646	\$	1,063,900	\$	1,216,000	2041	7	0.8749	1.7012	0.2327
R1625502380	1	45729	\$	345,600	\$	395,000	2041	7	0.8749	0.5327	0.2327
R5125500435	3	45807	\$	568,900	\$	650,000	2041	7	0.8752	0.1618	0.2312
R6042250930	5	45588	\$	1,321,800	\$	1,510,000	1537	7	0.8754	2.5032	0.2305
R3482151616	4	45791	\$	864,900	\$	988,000	2041	7	0.8754	1.0823	0.2303
S0619325561	3	45659	\$	534,400	\$	610,000	2041	7	0.8761	0.0545	0.2270
R7909630520	2	45841	\$	422,300	\$	482,000	1537	7	0.8761	0.2941	0.2266
R8048190450	1	45733	\$	349,500	\$	398,900	1537	7	0.8762	0.5205	0.2265
S0629212860	4	45926	\$	766,700	\$	875,000	2041	7	0.8762	0.7769	0.2262
R8048730840	3	45594	\$	629,200	\$	718,000	2041	7	0.8763	0.3493	0.2257
R7335540450	2	45835	\$	416,300	\$	475,000	2041	7	0.8764	0.3128	0.2252
R3482151015	4	45828	\$	684,500	\$	781,000	2041	7	0.8764	0.5213	0.2251

R3053000480	2	45889	\$	438,300	\$	500,000	2041	7	0.8766	0.2444	0.2243
R3610290690	4	45735	\$	846,000	\$	965,000	1537	7	0.8767	1.0235	0.2239
R4548510010	1	45632	\$	372,600	\$	425,000	2041	7	0.8767	0.4487	0.2238
R7074610040	3	45597	\$	520,800	\$	594,000	2041	7	0.8768	0.0122	0.2235
R7367100100	1	45847	\$	356,300	\$	406,354	2041	7	0.8768	0.4994	0.2232
R6120402950	5	45891	\$	1,272,500	\$	1,451,000	2041	7	0.8770	2.3499	0.2224
S0634233800	3	45804	\$	561,200	\$	639,900	2041	7	0.8770	0.1378	0.2222
R2320500491	3	45866	\$	570,200	\$	650,000	2041	7	0.8772	0.1658	0.2211
R8186700270	1	45898	\$	350,900	\$	400,000	2041	7	0.8773	0.5162	0.2211
R0812962020	2	45709	\$	438,700	\$	500,000	2041	7	0.8774	0.2431	0.2203
R0367000271	4	45747	\$	846,900	\$	965,000	2041	7	0.8776	1.0263	0.2192
R3193010155	1	45737	\$	350,200	\$	399,000	2041	7	0.8777	0.5184	0.2188
R1073250110	3	45769	\$	570,700	\$	649,900	2041	7	0.8781	0.1674	0.2166
R5520000130	1	45580	\$	359,200	\$	409,000	2041	7	0.8782	0.4904	0.2161
R8509110080	1	45811	\$	303,000	\$	345,000	2041	7	0.8783	0.6652	0.2160
R7686140170	1	45912	\$	341,700	\$	389,000	2041	7	0.8784	0.5448	0.2153
R8313180120	4	45785	\$	878,600	\$	1,000,000	2041	7	0.8786	1.1249	0.2143
R5459750200	1	45910	\$	322,500	\$	367,000	2041	7	0.8787	0.6045	0.2135
R0805760155	1	45737	\$	145,000	\$	165,000	20	7	0.8788	1.1565	0.2133
R5125570155	2	45779	\$	426,300	\$	485,000	2041	7	0.8790	0.2817	0.2124
R7626390420	3	45930	\$	514,200	\$	585,000	2041	7	0.8790	0.0083	0.2124
R4221320140	2	45583	\$	413,200	\$	469,900	1537	7	0.8793	0.3224	0.2106
R7335540150	1	45870	\$	343,000	\$	390,000	2041	7	0.8795	0.5408	0.2098
R1525721810	2	45681	\$	470,400	\$	534,800	2041	7	0.8796	0.1446	0.2094
R7476260120	3	45798	\$	545,500	\$	619,900	2041	7	0.8800	0.0890	0.2074
R2024320240	1	45638	\$	347,600	\$	395,000	2041	7	0.8800	0.5264	0.2073
R7334201310	3	45764	\$	514,800	\$	585,000	2048	7	0.8800	0.0065	0.2073
R8222850040	1	45733	\$	356,600	\$	405,000	1537	7	0.8805	0.4985	0.2048
R5136870370	2	45861	\$	506,300	\$	575,000	2041	7	0.8805	0.0329	0.2046
R9437520680	2	45840	\$	418,400	\$	475,000	2041	7	0.8808	0.3063	0.2030
R1280530570	1	45841	\$	396,300	\$	449,900	2041	7	0.8809	0.3750	0.2029
R7100420040	2	45883	\$	419,300	\$	476,000	2041	7	0.8809	0.3035	0.2028
R5300530400	3	45747	\$	528,600	\$	600,000	2041	7	0.8810	0.0364	0.2022
S1002234000	3	45630	\$	643,300	\$	730,000	2041	7	0.8812	0.3931	0.2011
R1525710060	1	45757	\$	377,200	\$	428,000	2041	7	0.8813	0.4344	0.2007
R7104000620	3	45621	\$	599,600	\$	680,000	2041	7	0.8818	0.2572	0.1984
R7198560560	4	45582	\$	749,600	\$	850,000	2041	7	0.8819	0.7237	0.1978
R1954700610	1	45821	\$	374,900	\$	425,000	2041	7	0.8821	0.4415	0.1966
R7334201420	1	45792	\$	211,700	\$	239,988	2046	7	0.8821	0.9491	0.1966
R5207000925	5	45582	\$	943,900	\$	1,070,000	2041	7	0.8821	1.3280	0.1965
R0518000400	3	45828	\$	557,600	\$	632,000	2041	7	0.8823	0.1266	0.1958
R7334190468	3	45747	\$	529,400	\$	599,900	2041	7	0.8825	0.0389	0.1948
R9539500145	1	45695	\$	396,200	\$	448,900	2041	7	0.8826	0.3753	0.1942
R2887400440	2	45618	\$	485,500	\$	550,000	2041	7	0.8827	0.0976	0.1936

R1624002765	2	45869	\$	472,400	\$	535,000	2041	7	0.8830	0.1383	0.1923
R0349550290	1	45757	\$	242,900	\$	275,000	2041	7	0.8833	0.8521	0.1908
R3482110010	5	45839	\$	1,275,200	\$	1,443,700	2041	7	0.8833	2.3583	0.1908
R8079520830	5	45691	\$	1,303,000	\$	1,475,000	2041	7	0.8834	2.4447	0.1903
R3610350200	5	45922	\$	954,300	\$	1,080,000	1537	7	0.8836	1.3603	0.1891
R1007100040	2	45859	\$	463,900	\$	525,000	2041	7	0.8836	0.1648	0.1891
R1955000500	4	45870	\$	766,600	\$	867,500	2041	7	0.8837	0.7766	0.1888
R5709190030	3	45756	\$	520,500	\$	589,000	26	7	0.8837	0.0113	0.1887
R8074420300	1	45902	\$	321,700	\$	364,000	2041	7	0.8838	0.6070	0.1882
R6042361320	3	45792	\$	627,700	\$	710,000	1537	7	0.8841	0.3446	0.1868
R3610350650	4	45688	\$	795,800	\$	900,000	1537	7	0.8842	0.8674	0.1861
R8222700145	1	45758	\$	362,600	\$	410,000	1537	7	0.8844	0.4798	0.1852
R1525730850	2	45789	\$	459,900	\$	520,000	2041	7	0.8844	0.1772	0.1851
R3616250170	2	45747	\$	499,700	\$	565,000	2041	7	0.8844	0.0534	0.1851
R7335550740	2	45736	\$	477,600	\$	540,000	2041	7	0.8844	0.1222	0.1850
R8043260005	5	45726	\$	981,800	\$	1,110,000	1537	7	0.8845	1.4458	0.1847
R6042370040	4	45630	\$	804,900	\$	910,000	1537	7	0.8845	0.8957	0.1847
S0633223263	3	45820	\$	568,300	\$	642,500	2041	7	0.8845	0.1599	0.1846
R8226720570	3	45573	\$	636,800	\$	719,900	2041	7	0.8846	0.3729	0.1844
R1955010555	1	45912	\$	371,600	\$	420,000	2041	7	0.8848	0.4518	0.1834
R3161000050	1	45859	\$	349,500	\$	395,000	2041	7	0.8848	0.5205	0.1831
R1625500275	3	45778	\$	530,900	\$	600,000	2041	7	0.8848	0.0436	0.1830
R3812730100	4	45833	\$	679,700	\$	768,000	2041	7	0.8850	0.5063	0.1821
R7051430090	1	45666	\$	318,700	\$	360,000	26	7	0.8853	0.6163	0.1808
R3641500065	4	45758	\$	783,700	\$	885,000	2041	7	0.8855	0.8298	0.1795
R1955000614	2	45702	\$	459,600	\$	519,000	2041	7	0.8855	0.1781	0.1794
R6991130220	4	45593	\$	752,800	\$	849,900	2041	7	0.8858	0.7337	0.1784
R3638350160	2	45873	\$	421,700	\$	476,000	2041	7	0.8859	0.2960	0.1775
R5136830040	1	45916	\$	396,900	\$	448,000	2041	7	0.8859	0.3731	0.1775
R0523750250	5	45715	\$	1,816,200	\$	2,050,000	2041	7	0.8860	4.0407	0.1774
R9322750190	3	45786	\$	530,700	\$	599,000	2041	7	0.8860	0.0430	0.1773
R8037290075	5	45764	\$	1,849,600	\$	2,087,500	2041	7	0.8860	4.1446	0.1770
R9437500620	2	45835	\$	419,100	\$	473,000	2041	7	0.8860	0.3041	0.1769
R8394770110	4	45573	\$	663,700	\$	749,000	2041	7	0.8861	0.4566	0.1766
R6026040065	3	45835	\$	651,300	\$	735,000	2041	7	0.8861	0.4180	0.1766
R3610160520	5	45617	\$	1,223,000	\$	1,380,000	1537	7	0.8862	2.1959	0.1760
R5125440050	2	45926	\$	478,600	\$	540,000	2041	7	0.8863	0.1191	0.1757
R3641500025	3	45777	\$	598,300	\$	675,000	2041	7	0.8864	0.2532	0.1753
R7406001010	5	45814	\$	1,062,000	\$	1,198,000	2041	7	0.8865	1.6953	0.1748
R5315000876	2	45660	\$	431,600	\$	486,800	2041	7	0.8866	0.2652	0.1741
MMARL932711	1	45589	\$	211,900	\$	239,000	2065	7	0.8866	0.9485	0.1741
R1525721960	1	45611	\$	399,000	\$	450,000	2041	7	0.8867	0.3666	0.1738
R3616500065	3	45859	\$	637,600	\$	719,000	2041	7	0.8868	0.3754	0.1732
R1342000215	2	45826	\$	423,000	\$	477,000	2041	7	0.8868	0.2920	0.1732

R1277000250	4	45576	\$	678,400	\$	765,000	1537	7	0.8868	0.5023	0.1732
R2847230270	2	45845	\$	470,100	\$	530,000	1537	7	0.8870	0.1455	0.1722
R8222910260	1	45699	\$	363,700	\$	410,000	1537	7	0.8871	0.4764	0.1718
R4726000097	1	45688	\$	288,300	\$	325,000	2041	7	0.8871	0.7109	0.1718
R3638300340	1	45831	\$	248,400	\$	279,999	2041	7	0.8871	0.8350	0.1714
R7704530120	2	45730	\$	470,200	\$	530,000	2041	7	0.8872	0.1452	0.1713
R9529660305	1	45828	\$	328,300	\$	370,000	2041	7	0.8873	0.5865	0.1707
R1035150500	3	45866	\$	532,400	\$	600,000	20	7	0.8873	0.0483	0.1705
R5421000040	2	45756	\$	505,900	\$	570,000	2041	7	0.8875	0.0342	0.1694
R6042250360	5	45687	\$	1,176,100	\$	1,325,000	1537	7	0.8876	2.0501	0.1690
R5854000370	5	45827	\$	909,900	\$	1,025,000	2041	7	0.8877	1.2222	0.1686
R7074640080	3	45897	\$	608,100	\$	685,000	2041	7	0.8877	0.2837	0.1685
MFLEE212710	1	45756	\$	204,200	\$	230,000	65	7	0.8878	0.9724	0.1680
R2400010360	2	45623	\$	483,900	\$	545,000	26	7	0.8879	0.1026	0.1677
R7537440018	1	45789	\$	346,300	\$	390,000	2041	7	0.8879	0.5305	0.1674
R7326780235	3	45814	\$	652,700	\$	735,000	2041	7	0.8880	0.4224	0.1670
R8048680870	3	45807	\$	595,000	\$	670,000	2041	7	0.8881	0.2429	0.1668
R9323500465	2	45712	\$	439,600	\$	495,000	2041	7	0.8881	0.2403	0.1667
R8954560091	2	45898	\$	426,300	\$	480,000	2041	7	0.8881	0.2817	0.1665
R8223770360	2	45800	\$	444,300	\$	500,000	2041	7	0.8886	0.2257	0.1641
R0805500590	4	45737	\$	781,600	\$	879,500	2041	7	0.8887	0.8232	0.1637
R9437520830	3	45716	\$	542,100	\$	610,000	2041	7	0.8887	0.0784	0.1637
R8048190470	1	45754	\$	353,700	\$	398,000	1537	7	0.8887	0.5075	0.1637
R1525721320	3	45799	\$	511,000	\$	575,000	2041	7	0.8887	0.0183	0.1636
R0573410170	2	45863	\$	497,700	\$	560,000	2041	7	0.8888	0.0597	0.1634
S1015427960	3	45869	\$	555,500	\$	625,000	2041	7	0.8888	0.1201	0.1631
R9206000204	2	45926	\$	431,200	\$	485,000	2041	7	0.8891	0.2665	0.1618
R3616570076	4	45707	\$	710,400	\$	799,000	2041	7	0.8891	0.6018	0.1616
R5315002610	2	45838	\$	462,400	\$	520,000	2041	7	0.8892	0.1694	0.1610
R3053000250	4	45883	\$	669,600	\$	753,000	2041	7	0.8892	0.4749	0.1609
R8222850130	1	45769	\$	355,700	\$	400,000	1537	7	0.8893	0.5013	0.1609
R5983890210	5	45723	\$	1,654,300	\$	1,859,900	2041	7	0.8895	3.5372	0.1598
R7335540705	2	45853	\$	461,700	\$	519,000	2041	7	0.8896	0.1716	0.1591
R1618170290	4	45630	\$	720,700	\$	810,000	2041	7	0.8898	0.6339	0.1583
R1077500175	1	45923	\$	400,400	\$	450,000	2041	7	0.8898	0.3622	0.1582
R7335540220	2	45799	\$	476,100	\$	535,000	2041	7	0.8899	0.1268	0.1576
R7569500735	2	45916	\$	489,400	\$	549,900	2041	7	0.8900	0.0855	0.1572
R6793290070	1	45765	\$	396,100	\$	445,000	2041	7	0.8901	0.3756	0.1565
R1892000160	1	45846	\$	360,500	\$	405,000	2041	7	0.8901	0.4863	0.1565
R1580350378	3	45573	\$	511,900	\$	575,000	2041	7	0.8903	0.0155	0.1558
R7335510145	2	45897	\$	471,900	\$	530,000	2041	7	0.8904	0.1399	0.1552
R1029250015	1	45586	\$	371,300	\$	417,000	2041	7	0.8904	0.4527	0.1551
R3616590275	5	45642	\$	1,113,100	\$	1,250,000	2041	7	0.8905	1.8542	0.1547
R0805760090	1	45657	\$	284,900	\$	319,900	2048	7	0.8906	0.7214	0.1541

R3482190160	4	45807	\$	791,900	\$	889,000	2041	7	0.8908	0.8553	0.1532
R1580720540	3	45597	\$	558,800	\$	627,000	2041	7	0.8912	0.1304	0.1509
R5138910060	3	45819	\$	614,200	\$	689,000	2041	7	0.8914	0.3026	0.1499
R5457990100	1	45894	\$	378,900	\$	425,000	2041	7	0.8915	0.4291	0.1494
R8059150420	2	45791	\$	489,600	\$	549,000	26	7	0.8918	0.0848	0.1481
R2343850015	2	45856	\$	460,200	\$	516,000	2041	7	0.8919	0.1763	0.1478
R6885620300	3	45686	\$	651,000	\$	729,900	1537	7	0.8919	0.4171	0.1476
R5461600610	1	45917	\$	365,700	\$	409,999	2041	7	0.8920	0.4702	0.1473
R2734500818	1	45853	\$	177,500	\$	199,000	20	7	0.8920	1.0554	0.1473
R0804110130	1	45617	\$	379,100	\$	425,000	2041	7	0.8920	0.4285	0.1471
R8079520100	4	45687	\$	722,600	\$	810,000	2041	7	0.8921	0.6398	0.1466
R4432500772	2	45789	\$	477,300	\$	535,000	2041	7	0.8921	0.1231	0.1463
R1525620160	1	45702	\$	379,200	\$	425,000	2041	7	0.8922	0.4282	0.1459
R0310260890	1	45828	\$	401,100	\$	449,500	2041	7	0.8923	0.3601	0.1454
R7475970060	2	45877	\$	490,800	\$	550,000	26	7	0.8924	0.0811	0.1453
R5457430345	2	45891	\$	477,500	\$	535,000	2041	7	0.8925	0.1225	0.1445
R0843330160	4	45877	\$	687,300	\$	770,000	2041	7	0.8926	0.5300	0.1441
R1719540210	4	45630	\$	660,700	\$	740,000	2041	7	0.8928	0.4473	0.1429
R1525750390	2	45783	\$	455,400	\$	510,000	2041	7	0.8929	0.1912	0.1424
R1376440160	3	45915	\$	549,200	\$	615,000	2041	7	0.8930	0.1005	0.1420
R5136900250	2	45915	\$	410,700	\$	459,900	2041	7	0.8930	0.3302	0.1420
R1317410100	2	45604	\$	500,100	\$	560,000	2041	7	0.8930	0.0522	0.1419
R6120510155	5	45873	\$	928,800	\$	1,040,000	2041	7	0.8931	1.2810	0.1417
S1017438740	1	45818	\$	324,200	\$	363,000	2041	7	0.8931	0.5992	0.1415
R8048550290	4	45737	\$	702,900	\$	787,000	1537	7	0.8931	0.5785	0.1414
R2847050255	2	45853	\$	468,900	\$	525,000	2041	7	0.8931	0.1492	0.1413
R1884000030	3	45880	\$	600,700	\$	672,500	2041	7	0.8932	0.2607	0.1409
R1892010760	1	45587	\$	384,100	\$	430,000	2041	7	0.8933	0.4129	0.1408
R0830140170	3	45755	\$	549,300	\$	614,900	2041	7	0.8933	0.1008	0.1405
R5124810181	3	45841	\$	594,100	\$	665,000	2041	7	0.8934	0.2401	0.1401
R5199110070	1	45632	\$	381,300	\$	426,800	2041	7	0.8934	0.4216	0.1401
R3543340130	1	45848	\$	317,200	\$	355,000	2041	7	0.8935	0.6210	0.1394
R8112006160	1	45925	\$	374,400	\$	419,000	2041	7	0.8936	0.4431	0.1393
R9350740050	5	45847	\$	895,800	\$	1,002,500	2041	7	0.8936	1.1784	0.1392
R2391220460	2	45721	\$	411,100	\$	460,000	2041	7	0.8937	0.3290	0.1386
R2734250690	3	45891	\$	607,300	\$	679,500	2041	7	0.8937	0.2812	0.1383
R5652310090	5	45596	\$	1,027,900	\$	1,150,000	2041	7	0.8938	1.5892	0.1379
R5983900660	4	45898	\$	853,700	\$	955,000	2041	7	0.8939	1.0475	0.1374
R3386000357	1	45743	\$	339,700	\$	379,900	2041	7	0.8942	0.5510	0.1361
R1582200360	2	45782	\$	464,200	\$	519,000	2041	7	0.8944	0.1638	0.1350
R3729000050	3	45819	\$	514,300	\$	575,000	2041	7	0.8944	0.0080	0.1349
R7703160040	1	45778	\$	339,900	\$	380,000	2041	7	0.8945	0.5504	0.1347
R8226670530	4	45609	\$	734,500	\$	821,000	2041	7	0.8946	0.6768	0.1338
R7335580265	2	45743	\$	469,700	\$	525,000	2041	7	0.8947	0.1467	0.1337

R0926000030	2	45687	\$	487,600	\$	545,000	2041	7	0.8947	0.0911	0.1336
R1940520170	1	45702	\$	339,100	\$	379,000	2041	7	0.8947	0.5529	0.1334
R5125720230	4	45589	\$	753,000	\$	841,600	2041	7	0.8947	0.7343	0.1334
R1280530575	2	45764	\$	481,400	\$	538,000	2041	7	0.8948	0.1103	0.1331
R0805500510	4	45726	\$	715,000	\$	799,000	2041	7	0.8949	0.6161	0.1327
R1954700510	1	45895	\$	384,800	\$	430,000	2041	7	0.8949	0.4108	0.1326
R5457970260	1	45897	\$	389,300	\$	435,000	2041	7	0.8949	0.3968	0.1323
R5864330800	2	45839	\$	505,600	\$	564,900	2041	7	0.8950	0.0351	0.1319
R7475370260	5	45810	\$	921,900	\$	1,030,000	2041	7	0.8950	1.2596	0.1318
R3035900020	3	45796	\$	532,200	\$	594,586	2041	7	0.8951	0.0476	0.1316
R5738710290	4	45854	\$	707,100	\$	789,900	2041	7	0.8952	0.5916	0.1311
MGREA781426	1	45917	\$	9,400	\$	10,500	65	7	0.8952	1.5782	0.1308
R6905510260	3	45679	\$	564,000	\$	630,000	2041	7	0.8952	0.1465	0.1308
R3468550060	3	45855	\$	572,900	\$	639,900	2041	7	0.8953	0.1742	0.1305
R1479000080	4	45869	\$	734,200	\$	820,000	2041	7	0.8954	0.6758	0.1302
R8048230460	3	45575	\$	548,000	\$	612,000	1537	7	0.8954	0.0968	0.1299
R1625503560	2	45765	\$	497,000	\$	555,000	2041	7	0.8955	0.0618	0.1295
R3616660130	4	45839	\$	665,200	\$	742,700	2041	7	0.8957	0.4613	0.1288
R4930150110	1	45834	\$	367,300	\$	410,000	2041	7	0.8959	0.4652	0.1278
R7334180460	1	45639	\$	394,200	\$	440,000	2041	7	0.8959	0.3815	0.1275
R1096160010	2	45727	\$	461,400	\$	515,000	2041	7	0.8959	0.1725	0.1274
R6885580190	3	45852	\$	599,400	\$	669,000	1537	7	0.8960	0.2566	0.1272
R7284750040	5	45706	\$	1,568,000	\$	1,750,000	2041	7	0.8960	3.2689	0.1270
R7626390360	2	45730	\$	492,800	\$	550,000	2041	7	0.8960	0.0749	0.1270
R3610290270	5	45611	\$	1,505,300	\$	1,680,000	1537	7	0.8960	3.0739	0.1270
R7406000200	5	45790	\$	994,700	\$	1,110,000	2041	7	0.8961	1.4860	0.1264
R7780511054	2	45841	\$	430,900	\$	480,792	2041	7	0.8962	0.2674	0.1259
R8222590310	4	45856	\$	672,200	\$	750,000	2041	7	0.8963	0.4830	0.1257
R7463160270	1	45646	\$	246,500	\$	275,000	26	7	0.8964	0.8409	0.1252
R1719761060	3	45785	\$	622,900	\$	694,900	2041	7	0.8964	0.3297	0.1251
R5134000023	3	45869	\$	596,100	\$	665,000	2041	7	0.8964	0.2464	0.1251
R8499200370	1	45880	\$	376,500	\$	420,000	26	7	0.8964	0.4366	0.1249
R4823370130	1	45691	\$	327,200	\$	365,000	2041	7	0.8964	0.5899	0.1248
R1280520140	2	45840	\$	493,100	\$	550,000	2041	7	0.8965	0.0740	0.1243
R7569500810	1	45913	\$	395,400	\$	441,000	2041	7	0.8966	0.3778	0.1240
R5134000033	5	45765	\$	941,800	\$	1,050,000	2041	7	0.8970	1.3214	0.1222
R8528670060	5	45852	\$	1,255,800	\$	1,400,000	2041	7	0.8970	2.2980	0.1220
R9511370970	3	45813	\$	551,700	\$	614,900	2041	7	0.8972	0.1083	0.1209
R7715160120	1	45734	\$	380,500	\$	424,000	2041	7	0.8974	0.4241	0.1200
R8381650010	2	45713	\$	484,700	\$	540,000	2041	7	0.8976	0.1001	0.1190
R6042340150	4	45782	\$	785,400	\$	875,000	1537	7	0.8976	0.8351	0.1190
R8127310092	2	45608	\$	471,300	\$	525,000	2041	7	0.8977	0.1418	0.1184
R3482160680	5	45897	\$	1,436,800	\$	1,600,500	2041	7	0.8977	2.8608	0.1184
R3262000044	3	45733	\$	592,500	\$	660,000	2041	7	0.8977	0.2352	0.1184

R8048240450	2	45799	\$	448,000	\$	499,000	1537	7	0.8978	0.2142	0.1180
R8048250100	2	45862	\$	491,100	\$	547,000	1537	7	0.8978	0.0802	0.1180
R7703160030	1	45671	\$	295,400	\$	329,000	2041	7	0.8979	0.6888	0.1176
R5315000815	3	45716	\$	601,100	\$	669,303	2041	7	0.8981	0.2619	0.1165
R4694500125	4	45573	\$	727,500	\$	810,000	2041	7	0.8981	0.6550	0.1162
MWESF801410	1	45925	\$	49,400	\$	55,000	65	7	0.8982	1.4538	0.1161
R5457970180	3	45616	\$	565,900	\$	630,000	2041	7	0.8983	0.1524	0.1157
R9437530100	1	45611	\$	359,400	\$	400,000	2041	7	0.8985	0.4898	0.1145
R8048670430	3	45838	\$	539,100	\$	600,000	2041	7	0.8985	0.0691	0.1145
R4737660532	2	45905	\$	463,700	\$	516,000	2041	7	0.8986	0.1654	0.1138
R5130000589	1	45702	\$	139,300	\$	155,000	20	7	0.8987	1.1742	0.1134
R1309970040	4	45832	\$	701,000	\$	780,000	2041	7	0.8987	0.5726	0.1134
R3674180110	1	45779	\$	368,600	\$	410,000	2041	7	0.8990	0.4611	0.1119
R9818400500	2	45897	\$	503,500	\$	560,000	2041	7	0.8991	0.0416	0.1114
R5983380080	2	45734	\$	440,500	\$	489,900	2041	7	0.8992	0.2375	0.1112
R9227660174	5	45819	\$	1,330,800	\$	1,480,000	2041	7	0.8992	2.5312	0.1110
R5125290080	2	45768	\$	454,100	\$	505,000	2041	7	0.8992	0.1952	0.1109
R2038000020	4	45800	\$	824,200	\$	916,500	2041	7	0.8993	0.9557	0.1105
R4901730050	3	45831	\$	652,100	\$	725,000	2041	7	0.8994	0.4205	0.1097
R5723000020	2	45841	\$	503,700	\$	560,000	2041	7	0.8995	0.0410	0.1096
R1376840170	1	45610	\$	389,100	\$	432,500	2041	7	0.8997	0.3974	0.1087
R6633020020	1	45810	\$	394,800	\$	438,800	2041	7	0.8997	0.3797	0.1083
R1719590520	4	45590	\$	719,800	\$	800,000	2041	7	0.8998	0.6311	0.1082
R1719530100	4	45699	\$	701,900	\$	780,000	2041	7	0.8999	0.5754	0.1076
R5738710150	4	45832	\$	690,700	\$	767,500	2041	7	0.8999	0.5406	0.1073
R7046370040	2	45800	\$	409,500	\$	455,000	2041	7	0.9000	0.3339	0.1070
R9437960020	2	45593	\$	477,100	\$	530,000	2041	7	0.9002	0.1237	0.1060
R8123251978	4	45672	\$	826,000	\$	917,500	2041	7	0.9003	0.9613	0.1056
R5098220160	3	45908	\$	522,200	\$	579,900	2041	7	0.9005	0.0165	0.1044
R9437520230	1	45576	\$	382,700	\$	424,900	2041	7	0.9007	0.4173	0.1035
R6120520250	5	45880	\$	1,756,500	\$	1,950,000	2041	7	0.9008	3.8551	0.1031
R1126002535	5	45777	\$	1,013,400	\$	1,125,000	2041	7	0.9008	1.5441	0.1029
R7909970190	2	45590	\$	436,900	\$	485,000	2041	7	0.9008	0.2487	0.1028
R2690420580	1	45828	\$	382,900	\$	425,000	20	7	0.9009	0.4167	0.1022
R3193020095	1	45847	\$	180,200	\$	200,000	2046	7	0.9010	1.0470	0.1019
R1035230040	5	45897	\$	1,329,000	\$	1,475,000	2041	7	0.9010	2.5256	0.1019
R5130000460	1	45883	\$	405,500	\$	450,000	2041	7	0.9011	0.3464	0.1014
R2817790120	2	45587	\$	428,000	\$	474,900	2041	7	0.9012	0.2764	0.1007
R3482160600	4	45604	\$	811,200	\$	900,000	2041	7	0.9013	0.9153	0.1003
R4966790070	1	45838	\$	392,200	\$	435,000	2041	7	0.9016	0.3877	0.0989
R0805610050	4	45743	\$	883,600	\$	980,000	2041	7	0.9016	1.1405	0.0988
R9227750060	5	45653	\$	1,257,800	\$	1,395,000	2041	7	0.9016	2.3042	0.0987
R7698000065	1	45793	\$	405,800	\$	450,000	2041	7	0.9018	0.3455	0.0980
R1719761080	3	45839	\$	621,300	\$	688,900	2041	7	0.9019	0.3247	0.0976

R1525640850	2	45828	\$	408,600	\$	453,000	2041	7	0.9020	0.3367	0.0970
R1943001085	4	45702	\$	875,100	\$	970,000	2041	7	0.9022	1.1140	0.0961
R3817020360	2	45912	\$	413,200	\$	458,000	2041	7	0.9022	0.3224	0.0960
R1719730300	3	45672	\$	615,300	\$	682,000	2041	7	0.9022	0.3061	0.0959
R0805870230	3	45623	\$	568,400	\$	630,000	2041	7	0.9022	0.1602	0.0958
R5457430475	3	45916	\$	654,200	\$	725,000	2041	7	0.9023	0.4270	0.0952
R2858000980	3	45919	\$	596,500	\$	661,000	2041	7	0.9024	0.2476	0.0948
R6042400800	4	45891	\$	778,800	\$	863,000	1537	7	0.9024	0.8145	0.0948
R8521440390	2	45860	\$	433,300	\$	480,000	2041	7	0.9027	0.2599	0.0934
R1715790050	1	45826	\$	383,700	\$	425,000	2041	7	0.9028	0.4142	0.0928
R1525790050	3	45905	\$	573,300	\$	635,000	2041	7	0.9028	0.1755	0.0927
R2919000230	1	45734	\$	347,600	\$	385,000	2041	7	0.9029	0.5264	0.0926
S0930314912	1	45838	\$	316,000	\$	350,000	2041	7	0.9029	0.6247	0.0926
R3610330100	3	45580	\$	627,500	\$	695,000	1537	7	0.9029	0.3440	0.0925
R3482130680	5	45583	\$	2,347,900	\$	2,600,000	2041	7	0.9030	5.6943	0.0917
R1719590300	4	45765	\$	677,300	\$	750,000	2041	7	0.9031	0.4989	0.0916
R1277200115	1	45897	\$	347,700	\$	385,000	2041	7	0.9031	0.5261	0.0913
R2336002265	4	45740	\$	720,800	\$	798,000	2041	7	0.9033	0.6342	0.0906
R1401520215	1	45616	\$	351,400	\$	389,000	2041	7	0.9033	0.5146	0.0902
R0310260340	1	45818	\$	402,000	\$	445,000	2041	7	0.9034	0.3573	0.0901
R1582220400	1	45694	\$	374,900	\$	415,000	2041	7	0.9034	0.4415	0.0900
R1035120352	4	45838	\$	808,700	\$	895,000	2041	7	0.9036	0.9075	0.0890
R8048190420	1	45636	\$	345,800	\$	382,700	1537	7	0.9036	0.5320	0.0890
R5461270360	3	45750	\$	519,700	\$	575,000	2041	7	0.9038	0.0088	0.0878
R1525720990	2	45765	\$	409,000	\$	452,500	2041	7	0.9039	0.3355	0.0876
R6885600250	3	45719	\$	596,500	\$	659,900	1537	7	0.9039	0.2476	0.0873
R6876000169	2	45818	\$	483,600	\$	535,000	2041	7	0.9039	0.1035	0.0873
R9464250040	1	45722	\$	248,600	\$	275,000	26	7	0.9040	0.8343	0.0869
R3046640540	1	45681	\$	397,700	\$	439,900	2041	7	0.9041	0.3706	0.0866
R8043260126	3	45792	\$	619,300	\$	685,000	1548	7	0.9041	0.3185	0.0865
R2107250030	4	45631	\$	840,800	\$	929,900	2041	7	0.9042	1.0073	0.0860
R1592010015	3	45568	\$	538,000	\$	595,000	2041	7	0.9042	0.0657	0.0859
R9227500650	3	45722	\$	623,900	\$	690,000	2041	7	0.9042	0.3328	0.0859
R9511370670	5	45748	\$	949,500	\$	1,050,000	2041	7	0.9043	1.3454	0.0855
R2884030015	4	45639	\$	839,200	\$	928,000	2041	7	0.9043	1.0024	0.0853
R1431970610	3	45866	\$	522,700	\$	578,000	26	7	0.9043	0.0181	0.0853
R5199110110	2	45806	\$	456,700	\$	505,000	2041	7	0.9044	0.1872	0.0851
R2734250735	2	45719	\$	474,800	\$	525,000	2041	7	0.9044	0.1309	0.0850
R8390000890	4	45779	\$	700,900	\$	775,000	2041	7	0.9044	0.5723	0.0850
R1095450050	1	45695	\$	306,600	\$	339,000	2041	7	0.9044	0.6540	0.0848
R9177220370	1	45807	\$	379,500	\$	419,500	2041	7	0.9046	0.4272	0.0836
R1376450210	3	45800	\$	542,800	\$	600,000	2041	7	0.9047	0.0806	0.0836
R5130002255	2	45772	\$	425,200	\$	470,000	2041	7	0.9047	0.2851	0.0835
R7909970210	2	45727	\$	461,400	\$	510,000	2041	7	0.9047	0.1725	0.0834

R2734250715	2	45814	\$	451,500	\$	499,000	2041	7	0.9048	0.2033	0.0828
R6890010140	2	45757	\$	409,400	\$	452,450	2041	7	0.9049	0.3343	0.0826
R3616250350	5	45688	\$	1,267,100	\$	1,400,250	2041	7	0.9049	2.3331	0.0823
R5130002675	1	45756	\$	353,000	\$	390,000	2041	7	0.9051	0.5097	0.0812
R1073760380	2	45750	\$	475,200	\$	525,000	1537	7	0.9051	0.1296	0.0812
R2038000530	4	45826	\$	842,100	\$	930,000	2041	7	0.9055	1.0114	0.0795
R1592010060	3	45855	\$	575,000	\$	635,000	2041	7	0.9055	0.1807	0.0793
R2884050191	3	45618	\$	633,900	\$	700,000	2041	7	0.9056	0.3639	0.0790
R9227720125	5	45833	\$	1,131,100	\$	1,249,000	2041	7	0.9056	1.9102	0.0789
R8528670030	5	45807	\$	1,225,000	\$	1,352,500	2041	7	0.9057	2.2022	0.0782
R0963530080	1	45754	\$	390,300	\$	430,900	2041	7	0.9058	0.3937	0.0780
R0594870020	3	45930	\$	509,600	\$	562,500	2041	7	0.9060	0.0226	0.0771
R6042250640	5	45744	\$	1,014,700	\$	1,120,000	1537	7	0.9060	1.5482	0.0770
R1096830010	2	45744	\$	434,900	\$	480,000	2041	7	0.9060	0.2550	0.0767
R6931730105	5	45618	\$	951,400	\$	1,050,000	2041	7	0.9061	1.3513	0.0764
R7835000380	1	45905	\$	385,100	\$	425,000	2041	7	0.9061	0.4098	0.0763
R2024320135	2	45583	\$	410,500	\$	453,000	2041	7	0.9062	0.3308	0.0760
R1043240380	2	45582	\$	487,500	\$	537,900	2041	7	0.9063	0.0914	0.0754
R4241300100	1	45866	\$	392,000	\$	432,500	2041	7	0.9064	0.3884	0.0751
R2825140080	4	45881	\$	793,100	\$	875,000	2041	7	0.9064	0.8590	0.0749
R1525760190	3	45765	\$	576,200	\$	635,700	2041	7	0.9064	0.1845	0.0748
R8512000050	3	45695	\$	530,300	\$	585,000	2041	7	0.9065	0.0417	0.0744
R3581000090	1	45930	\$	399,800	\$	441,000	2041	7	0.9066	0.3641	0.0740
R1719410260	4	45569	\$	734,400	\$	810,000	2041	7	0.9067	0.6765	0.0735
MMOFU851403	1	45896	\$	40,800	\$	45,000	65	7	0.9067	1.4806	0.0735
R9206500280	1	45856	\$	380,800	\$	420,000	2041	7	0.9067	0.4232	0.0735
R7997040210	2	45889	\$	444,300	\$	490,000	2041	7	0.9067	0.2257	0.0732
R8048670050	4	45919	\$	696,100	\$	767,500	2041	7	0.9070	0.5573	0.0720
R5125410270	4	45877	\$	757,400	\$	835,000	2041	7	0.9071	0.7480	0.0715
R6650000030	1	45728	\$	394,600	\$	435,000	2041	7	0.9071	0.3803	0.0712
R7406000230	5	45831	\$	907,700	\$	1,000,542	2041	7	0.9072	1.2154	0.0708
R3616540200	4	45603	\$	767,500	\$	846,000	2041	7	0.9072	0.7794	0.0708
R8222740140	3	45912	\$	562,300	\$	619,800	1537	7	0.9072	0.1412	0.0707
R7046380120	1	45581	\$	394,700	\$	435,000	2041	7	0.9074	0.3800	0.0701
R8378001680	1	45882	\$	350,700	\$	386,500	2041	7	0.9074	0.5168	0.0700
R1955020791	1	45869	\$	349,400	\$	385,000	2041	7	0.9075	0.5209	0.0692
R1376420280	3	45581	\$	544,600	\$	599,900	2041	7	0.9078	0.0862	0.0677
R7704510240	2	45646	\$	494,800	\$	545,000	2041	7	0.9079	0.0687	0.0674
R5336000250	1	45572	\$	390,400	\$	430,000	2041	7	0.9079	0.3933	0.0673
R6905710360	3	45573	\$	581,000	\$	639,900	26	7	0.9080	0.1994	0.0671
R6206600025	3	45882	\$	555,700	\$	612,000	2041	7	0.9080	0.1207	0.0668
R4709170100	1	45868	\$	407,700	\$	449,000	2041	7	0.9080	0.3395	0.0667
R2733040155	2	45782	\$	445,000	\$	490,000	2041	7	0.9082	0.2235	0.0660
R7475370280	5	45733	\$	953,600	\$	1,050,000	2041	7	0.9082	1.3581	0.0659

S0619120775	4	45868	\$	831,100	\$	915,000	2041	7	0.9083	0.9772	0.0653
R1376840180	2	45587	\$	436,000	\$	479,900	2041	7	0.9085	0.2515	0.0642
R9437500660	3	45832	\$	527,000	\$	580,000	2041	7	0.9086	0.0315	0.0637
R1580760005	1	45806	\$	354,300	\$	389,900	2041	7	0.9087	0.5056	0.0634
R2037750100	4	45877	\$	817,000	\$	899,000	2041	7	0.9088	0.9333	0.0629
R1624004036	1	45646	\$	318,100	\$	350,000	2041	7	0.9089	0.6182	0.0625
R8207250218	1	45814	\$	398,000	\$	437,900	2041	7	0.9089	0.3697	0.0624
R7108570115	1	45881	\$	362,200	\$	398,500	2041	7	0.9089	0.4810	0.0623
R7475820400	2	45859	\$	486,300	\$	535,000	26	7	0.9090	0.0951	0.0620
R1284170370	1	45646	\$	362,700	\$	399,000	2041	7	0.9090	0.4795	0.0617
R8048580160	3	45929	\$	643,600	\$	708,000	1537	7	0.9090	0.3941	0.0616
R0363710080	1	45597	\$	200,900	\$	221,000	26	7	0.9090	0.9827	0.0616
R3053000591	2	45730	\$	491,000	\$	540,000	2041	7	0.9093	0.0805	0.0605
R7475370170	5	45835	\$	922,900	\$	1,015,000	2041	7	0.9093	1.2627	0.0605
R8222920060	4	45876	\$	668,400	\$	735,000	1537	7	0.9094	0.4712	0.0599
R6284140150	1	45797	\$	386,500	\$	425,000	2041	7	0.9094	0.4055	0.0598
R5125580170	1	45736	\$	345,600	\$	380,000	2041	7	0.9095	0.5327	0.0594
R7724000085	4	45707	\$	795,800	\$	875,000	2041	7	0.9095	0.8674	0.0594
R7967500410	1	45576	\$	354,700	\$	390,000	2041	7	0.9095	0.5044	0.0594
R3616550145	4	45588	\$	727,500	\$	799,900	2041	7	0.9095	0.6550	0.0594
R1624001380	1	45917	\$	402,800	\$	442,850	2041	7	0.9096	0.3548	0.0590
R3616500355	5	45868	\$	909,600	\$	1,000,000	2041	7	0.9096	1.2213	0.0588
R7716750040	1	45876	\$	263,700	\$	289,900	2041	7	0.9096	0.7874	0.0587
R1376830400	2	45594	\$	413,900	\$	455,000	2041	7	0.9097	0.3203	0.0585
R1383257140	1	45741	\$	262,900	\$	289,000	26	7	0.9097	0.7899	0.0584
R3573240330	1	45639	\$	373,000	\$	410,000	2041	7	0.9098	0.4475	0.0580
R7476390140	3	45874	\$	586,900	\$	645,000	2041	7	0.9099	0.2177	0.0572
R6120401900	4	45825	\$	773,500	\$	850,000	2041	7	0.9100	0.7981	0.0568
R7084240050	4	45590	\$	796,300	\$	875,000	2041	7	0.9101	0.8690	0.0565
R1525000050	1	45855	\$	364,100	\$	400,000	2041	7	0.9103	0.4751	0.0556
R8528680140	4	45754	\$	744,600	\$	818,000	2041	7	0.9103	0.7082	0.0555
R9227250100	4	45632	\$	842,000	\$	925,000	2041	7	0.9103	1.0111	0.0555
R3616510150	4	45925	\$	696,400	\$	765,000	2041	7	0.9103	0.5583	0.0552
R7569500337	2	45580	\$	464,300	\$	510,000	2041	7	0.9104	0.1635	0.0548
R8378001800	2	45860	\$	450,800	\$	495,000	2041	7	0.9107	0.2055	0.0533
R2024303112	2	45765	\$	480,900	\$	528,000	2041	7	0.9108	0.1119	0.0528
R7626380320	3	45912	\$	518,300	\$	569,000	2041	7	0.9109	0.0044	0.0523
R8123001837	3	45768	\$	533,000	\$	585,000	2041	7	0.9111	0.0501	0.0512
R6985790095	3	45608	\$	523,900	\$	575,000	2041	7	0.9111	0.0218	0.0511
R1814130060	1	45666	\$	361,800	\$	397,000	2041	7	0.9113	0.4823	0.0501
R5136900130	2	45869	\$	412,400	\$	452,500	2041	7	0.9114	0.3249	0.0499
R1754000724	3	45838	\$	619,800	\$	680,000	2041	7	0.9115	0.3201	0.0494
R8226671020	4	45638	\$	774,800	\$	850,000	2041	7	0.9115	0.8021	0.0491
R1625504505	2	45813	\$	492,300	\$	540,000	2041	7	0.9117	0.0764	0.0484

R2690420560	1	45761	\$	382,900	\$	420,000	20	7	0.9117	0.4167	0.0484
R6985790050	2	45807	\$	496,900	\$	545,000	2041	7	0.9117	0.0621	0.0481
R5915311140	3	45573	\$	510,600	\$	559,990	2041	7	0.9118	0.0195	0.0478
R1719460050	5	45712	\$	1,141,700	\$	1,252,000	2041	7	0.9119	1.9431	0.0473
R1580500011	3	45736	\$	574,500	\$	630,000	2041	7	0.9119	0.1792	0.0473
R8059150570	5	45749	\$	934,800	\$	1,025,000	26	7	0.9120	1.2997	0.0468
R1574000075	2	45623	\$	492,400	\$	539,900	2041	7	0.9120	0.0761	0.0467
R0619580140	2	45853	\$	478,600	\$	524,750	2041	7	0.9121	0.1191	0.0465
R9437520270	4	45695	\$	702,300	\$	770,000	2041	7	0.9121	0.5766	0.0464
R1525740800	3	45797	\$	565,500	\$	620,000	2041	7	0.9121	0.1512	0.0463
R7195530260	3	45597	\$	547,300	\$	600,000	2041	7	0.9122	0.0946	0.0459
R8037290060	5	45749	\$	1,783,300	\$	1,955,000	2041	7	0.9122	3.9384	0.0459
R6877160380	2	45629	\$	433,200	\$	474,900	26	7	0.9122	0.2602	0.0458
R2024303717	1	45777	\$	364,900	\$	400,000	2041	7	0.9123	0.4726	0.0455
R2733020055	1	45884	\$	372,200	\$	408,000	2041	7	0.9123	0.4499	0.0455
R5125660110	4	45673	\$	697,800	\$	764,900	2041	7	0.9123	0.5626	0.0454
R2847050055	2	45905	\$	451,600	\$	495,000	2041	7	0.9123	0.2030	0.0452
R4671530350	3	45645	\$	538,300	\$	590,000	2041	7	0.9124	0.0666	0.0449
R5461270080	3	45688	\$	520,100	\$	570,000	2041	7	0.9125	0.0100	0.0445
R9227660054	5	45567	\$	1,095,300	\$	1,200,000	2041	7	0.9128	1.7988	0.0430
R2024302256	3	45576	\$	511,200	\$	560,000	2041	7	0.9129	0.0177	0.0425
S0524120800	1	45896	\$	346,900	\$	380,000	2041	7	0.9129	0.5286	0.0423
R8226700350	4	45699	\$	821,700	\$	900,000	2041	7	0.9130	0.9480	0.0418
R1251250230	1	45793	\$	340,100	\$	372,500	2041	7	0.9130	0.5498	0.0417
R9227970010	4	45903	\$	774,300	\$	848,000	2041	7	0.9131	0.8005	0.0413
R8043000340	2	45742	\$	447,000	\$	489,500	2041	7	0.9132	0.2173	0.0409
R7909960450	2	45771	\$	484,000	\$	530,000	2041	7	0.9132	0.1023	0.0407
R3046640170	2	45595	\$	474,900	\$	520,000	2041	7	0.9133	0.1306	0.0404
R7463160120	1	45587	\$	260,300	\$	285,000	26	7	0.9133	0.7979	0.0401
R8315250010	1	45825	\$	401,900	\$	440,000	2041	7	0.9134	0.3576	0.0397
R6635500130	2	45659	\$	422,400	\$	462,400	2041	7	0.9135	0.2938	0.0393
R7074520320	1	45884	\$	397,400	\$	435,000	2041	7	0.9136	0.3716	0.0389
R6121370120	4	45852	\$	808,600	\$	885,000	2041	7	0.9137	0.9072	0.0384
R1526000030	2	45600	\$	447,700	\$	490,000	2041	7	0.9137	0.2151	0.0384
R3610350240	5	45877	\$	973,100	\$	1,065,000	1537	7	0.9137	1.4188	0.0382
R9437520260	3	45582	\$	543,700	\$	595,000	2041	7	0.9138	0.0834	0.0378
R7780511275	1	45656	\$	338,100	\$	370,000	2041	7	0.9138	0.5560	0.0378
S1101325420	1	45888	\$	310,700	\$	340,000	2041	7	0.9138	0.6412	0.0376
R5315000872	1	45792	\$	406,700	\$	445,000	2041	7	0.9139	0.3427	0.0371
R7192000105	2	45810	\$	438,700	\$	480,000	2041	7	0.9140	0.2431	0.0370
MHAC1851401	1	45615	\$	42,500	\$	46,500	65	7	0.9140	1.4753	0.0369
R0805500810	4	45918	\$	722,100	\$	790,000	2041	7	0.9141	0.6382	0.0365
R3616680015	5	45621	\$	1,096,900	\$	1,200,000	2041	7	0.9141	1.8038	0.0363
R5915310840	2	45611	\$	459,800	\$	502,990	2041	7	0.9141	0.1775	0.0361

R1719470040	4	45665	\$	827,300	\$	905,000	2041	7	0.9141	0.9654	0.0360
R7335540415	2	45848	\$	457,100	\$	500,000	2041	7	0.9142	0.1859	0.0357
R5864330720	2	45908	\$	507,400	\$	555,000	2041	7	0.9142	0.0295	0.0356
R3473510050	1	45772	\$	356,600	\$	390,000	2041	7	0.9144	0.4985	0.0349
R6621000065	2	45805	\$	450,900	\$	492,990	2041	7	0.9146	0.2052	0.0336
R4221320155	2	45898	\$	425,300	\$	465,000	1537	7	0.9146	0.2848	0.0336
R3638300210	1	45805	\$	259,800	\$	284,000	2041	7	0.9148	0.7995	0.0328
R9255000227	2	45715	\$	503,200	\$	550,000	2041	7	0.9149	0.0426	0.0322
R8499210260	1	45776	\$	281,800	\$	308,000	26	7	0.9149	0.7311	0.0321
R1719760040	3	45820	\$	626,800	\$	685,000	2041	7	0.9150	0.3418	0.0315
R1943001210	2	45855	\$	471,300	\$	515,000	2041	7	0.9151	0.1418	0.0310
R5504620160	2	45611	\$	434,700	\$	475,000	2041	7	0.9152	0.2556	0.0309
R0879510710	5	45610	\$	1,576,200	\$	1,722,000	2041	7	0.9153	3.2944	0.0301
R5128002100	3	45688	\$	595,000	\$	650,000	2041	7	0.9154	0.2429	0.0298
R1607690750	1	45610	\$	391,800	\$	427,900	1537	7	0.9156	0.3890	0.0285
R3719250340	1	45709	\$	361,600	\$	394,900	2041	7	0.9157	0.4829	0.0283
R4576240060	4	45736	\$	873,600	\$	954,000	2041	7	0.9157	1.1094	0.0281
R0348500220	1	45765	\$	180,400	\$	197,000	26	7	0.9157	1.0464	0.0280
R5854000611	4	45700	\$	892,900	\$	975,000	2041	7	0.9158	1.1694	0.0277
R7569500573	1	45930	\$	376,400	\$	411,000	2041	7	0.9158	0.4369	0.0276
R8954560260	2	45771	\$	416,700	\$	455,000	2041	7	0.9158	0.3116	0.0276
R5130003875	3	45799	\$	549,500	\$	600,000	2041	7	0.9158	0.1014	0.0276
R7475790090	4	45688	\$	709,800	\$	775,000	2041	7	0.9159	0.6000	0.0274
R8103710790	2	45712	\$	453,400	\$	495,000	2041	7	0.9160	0.1974	0.0269
R4737640254	2	45679	\$	467,600	\$	510,500	2041	7	0.9160	0.1533	0.0269
R5457430075	1	45852	\$	395,700	\$	432,000	2041	7	0.9160	0.3769	0.0269
R7824150160	1	45779	\$	269,300	\$	294,000	2041	7	0.9160	0.7700	0.0268
R0308000070	1	45604	\$	348,600	\$	380,500	2041	7	0.9162	0.5233	0.0259
R5864321440	2	45733	\$	503,900	\$	550,000	2041	7	0.9162	0.0404	0.0258
R2391220400	2	45645	\$	430,700	\$	470,000	2041	7	0.9164	0.2680	0.0248
R2734251265	1	45786	\$	329,900	\$	360,000	2041	7	0.9164	0.5815	0.0248
R9227100020	5	45896	\$	1,921,800	\$	2,097,000	2041	7	0.9165	4.3691	0.0244
R7686140200	1	45646	\$	366,500	\$	399,900	2041	7	0.9165	0.4677	0.0243
R5457100245	1	45750	\$	403,300	\$	440,000	2041	7	0.9166	0.3532	0.0238
R1625504325	3	45855	\$	550,000	\$	600,000	2041	7	0.9167	0.1030	0.0234
R7716750170	1	45909	\$	275,000	\$	299,990	2041	7	0.9167	0.7522	0.0232
R1029250070	2	45660	\$	444,600	\$	485,000	2041	7	0.9167	0.2248	0.0232
R2884060260	5	45926	\$	1,054,400	\$	1,150,000	2041	7	0.9169	1.6716	0.0224
R3610160330	4	45833	\$	710,600	\$	775,000	1537	7	0.9169	0.6024	0.0222
R0812961620	3	45863	\$	540,100	\$	589,000	2041	7	0.9170	0.0722	0.0218
S1020131505	3	45873	\$	525,500	\$	573,000	2041	7	0.9171	0.0268	0.0212
R6744110185	3	45838	\$	519,100	\$	566,000	2041	7	0.9171	0.0069	0.0210
R2733040230	1	45778	\$	385,200	\$	420,000	2041	7	0.9171	0.4095	0.0210
R9033460290	1	45895	\$	518,200	\$	565,000	2041	7	0.9172	0.0041	0.0209

R5861400040	1	45835	\$	384,700	\$	419,400	26	7	0.9173	0.4111	0.0204
R3616520115	5	45870	\$	940,200	\$	1,025,000	2041	7	0.9173	1.3165	0.0204
R6793280070	2	45729	\$	408,200	\$	445,000	2041	7	0.9173	0.3380	0.0202
R1317410530	2	45649	\$	412,800	\$	450,000	2041	7	0.9173	0.3237	0.0200
R7100480230	4	45610	\$	709,100	\$	772,900	2041	7	0.9175	0.5978	0.0194
R5125670120	4	45657	\$	756,900	\$	825,000	2041	7	0.9175	0.7464	0.0194
R5738710280	4	45838	\$	688,100	\$	750,000	2041	7	0.9175	0.5325	0.0194
R9227100260	3	45734	\$	634,000	\$	691,000	2041	7	0.9175	0.3642	0.0191
R5864330880	3	45821	\$	518,500	\$	565,000	2041	7	0.9177	0.0050	0.0182
R5138910170	3	45720	\$	611,100	\$	665,900	2041	7	0.9177	0.2930	0.0182
R1013520010	5	45889	\$	940,700	\$	1,025,000	2041	7	0.9178	1.3180	0.0179
R9511380480	3	45769	\$	598,000	\$	651,500	2041	7	0.9179	0.2523	0.0173
R1277140180	5	45618	\$	918,100	\$	1,000,000	2041	7	0.9181	1.2477	0.0162
R8499240230	1	45834	\$	287,300	\$	312,900	26	7	0.9182	0.7140	0.0158
R1542500050	1	45713	\$	378,300	\$	412,000	2041	7	0.9182	0.4310	0.0157
R3641750090	4	45891	\$	766,700	\$	834,900	2041	7	0.9183	0.7769	0.0151
R3850200200	1	45814	\$	404,100	\$	440,000	2041	7	0.9184	0.3507	0.0146
R6042370980	4	45903	\$	668,800	\$	728,000	1537	7	0.9187	0.4724	0.0133
R2854000260	2	45639	\$	430,900	\$	469,000	2041	7	0.9188	0.2674	0.0129
R2884060640	3	45665	\$	634,000	\$	690,000	2041	7	0.9188	0.3642	0.0125
R5130003790	1	45637	\$	335,400	\$	365,000	2041	7	0.9189	0.5644	0.0122
R9511370410	3	45785	\$	606,500	\$	660,000	2041	7	0.9189	0.2787	0.0120
R3638511495	1	45744	\$	372,200	\$	405,000	2041	7	0.9190	0.4499	0.0116
R1517590200	2	45596	\$	471,000	\$	512,500	2041	7	0.9190	0.1427	0.0115
R3482170850	5	45880	\$	946,600	\$	1,030,000	2041	7	0.9190	1.3364	0.0115
R6991130560	4	45574	\$	767,400	\$	834,900	2041	7	0.9192	0.7791	0.0109
R5864321680	3	45817	\$	512,900	\$	558,000	2041	7	0.9192	0.0124	0.0108
R8222590060	4	45583	\$	753,800	\$	820,000	2041	7	0.9193	0.7368	0.0103
R7899400050	1	45688	\$	351,200	\$	382,000	2041	7	0.9194	0.5153	0.0098
R6045000145	2	45642	\$	431,200	\$	469,000	2041	7	0.9194	0.2665	0.0097
R2734010070	1	45730	\$	321,700	\$	349,900	2041	7	0.9194	0.6070	0.0096
R9227780102	4	45685	\$	790,000	\$	859,000	2041	7	0.9197	0.8494	0.0083
R7085000065	1	45611	\$	344,900	\$	375,000	2041	7	0.9197	0.5348	0.0080
R6114500710	2	45701	\$	469,100	\$	510,000	2041	7	0.9198	0.1486	0.0076
R9227660090	4	45623	\$	862,900	\$	938,000	2041	7	0.9199	1.0761	0.0070
R1892010005	1	45922	\$	400,200	\$	435,000	2041	7	0.9200	0.3629	0.0067
R6042250450	5	45665	\$	1,035,000	\$	1,125,000	1537	7	0.9200	1.6113	0.0067
R1719520430	4	45828	\$	783,100	\$	851,000	2041	7	0.9202	0.8279	0.0056
R0364200060	1	45742	\$	323,000	\$	351,000	2041	7	0.9202	0.6030	0.0055
R9040230020	1	45593	\$	363,500	\$	395,000	2041	7	0.9203	0.4770	0.0054
R8048230320	2	45840	\$	478,600	\$	520,000	1537	7	0.9204	0.1191	0.0047
R2039100695	4	45819	\$	699,500	\$	760,000	2041	7	0.9204	0.5679	0.0047
R5350500430	4	45916	\$	671,900	\$	730,000	2041	7	0.9204	0.4821	0.0046
R8220570060	3	45643	\$	644,300	\$	700,000	2041	7	0.9204	0.3963	0.0045

R8843000103	3	45777	\$	598,300	\$	650,000	2041	7	0.9205	0.2532	0.0043
R1075000025	1	45628	\$	349,800	\$	380,000	2041	7	0.9205	0.5196	0.0040
R1071000100	2	45659	\$	430,400	\$	467,500	2041	7	0.9206	0.2690	0.0034
R5136860260	2	45884	\$	414,200	\$	449,900	2041	7	0.9206	0.3193	0.0034
R4221300450	2	45874	\$	483,400	\$	525,000	1537	7	0.9208	0.1041	0.0028
R5299000510	5	45875	\$	1,380,300	\$	1,499,000	2041	7	0.9208	2.6851	0.0026
R9322420510	1	45729	\$	326,900	\$	355,000	2041	7	0.9208	0.5908	0.0024
R1362500070	1	45688	\$	374,800	\$	407,000	2041	7	0.9209	0.4419	0.0022
R1624001966	4	45595	\$	809,500	\$	879,000	2041	7	0.9209	0.9100	0.0020
R5915310700	2	45611	\$	437,500	\$	474,990	2041	7	0.9211	0.2469	0.0013
R1131500020	2	45611	\$	436,600	\$	474,000	2041	7	0.9211	0.2497	0.0012
R2024250165	2	45922	\$	479,000	\$	520,000	2041	7	0.9212	0.1178	0.0009
R3046610480	1	45818	\$	317,800	\$	345,000	2041	7	0.9212	0.6191	0.0008
R2861870160	2	45611	\$	456,000	\$	495,000	2041	7	0.9212	0.1893	0.0006
R5125410350	2	45589	\$	450,500	\$	489,000	2041	7	0.9213	0.2064	0.0003
R8510560030	2	45896	\$	502,100	\$	545,000	2041	7	0.9213	0.0460	0.0002
R4619000140	1	45807	\$	379,800	\$	412,250	2041	7	0.9213	0.4263	0.0002
R8980000250	5	45643	\$	1,658,400	\$	1,800,000	2041	7	0.9213	3.5500	0.0000
R7100400215	4	45765	\$	703,000	\$	763,000	2041	7	0.9214	0.5788	0.0002
R7406001080	3	45852	\$	614,600	\$	667,000	2041	7	0.9214	0.3039	0.0006
R1582210150	2	45575	\$	442,300	\$	480,000	2041	7	0.9215	0.2319	0.0007
R1955010530	1	45897	\$	373,200	\$	405,000	2041	7	0.9215	0.4468	0.0008
R2129500047	3	45604	\$	543,700	\$	590,000	2041	7	0.9215	0.0834	0.0010
R6042400720	4	45667	\$	774,000	\$	839,900	1537	7	0.9215	0.7996	0.0011
R1342100250	1	45776	\$	400,900	\$	435,000	2041	7	0.9216	0.3607	0.0014
R9462500150	2	45610	\$	465,600	\$	505,125	2041	7	0.9218	0.1595	0.0021
R7569170120	5	45716	\$	1,014,000	\$	1,100,000	2041	7	0.9218	1.5460	0.0025
R7334201140	4	45708	\$	626,900	\$	680,000	20	7	0.9219	0.3421	0.0029
R7335570260	2	45810	\$	460,900	\$	499,900	2041	7	0.9220	0.1741	0.0033
R2940700380	2	45860	\$	428,800	\$	465,000	26	7	0.9222	0.2739	0.0041
R3205720320	1	45660	\$	207,500	\$	225,000	26	7	0.9222	0.9621	0.0045
R7335580190	1	45576	\$	356,900	\$	387,000	2041	7	0.9222	0.4975	0.0045
R6042301400	5	45583	\$	1,521,700	\$	1,650,000	1537	7	0.9222	3.1249	0.0046
R4432930160	3	45730	\$	646,500	\$	701,000	2041	7	0.9223	0.4031	0.0046
R1317410370	1	45825	\$	387,400	\$	420,000	2041	7	0.9224	0.4027	0.0053
R4951000460	2	45723	\$	502,700	\$	545,000	2041	7	0.9224	0.0441	0.0053
R5315001292	3	45919	\$	576,500	\$	625,000	2041	7	0.9224	0.1854	0.0054
R5542000060	1	45631	\$	347,300	\$	376,500	2041	7	0.9224	0.5274	0.0056
R9414000060	2	45733	\$	438,200	\$	475,000	2041	7	0.9225	0.2447	0.0060
R1650000020	4	45610	\$	888,000	\$	962,500	2041	7	0.9226	1.1541	0.0064
R1525670060	1	45862	\$	401,400	\$	435,000	2041	7	0.9228	0.3591	0.0072
R7835001172	1	45748	\$	401,400	\$	435,000	2041	7	0.9228	0.3591	0.0072
R0356001256	2	45720	\$	452,200	\$	490,000	2041	7	0.9229	0.2012	0.0077
R7335570520	2	45926	\$	447,600	\$	485,000	2041	7	0.9229	0.2155	0.0078

R1073790240	3	45877	\$	553,800	\$	600,000	1537	7	0.9230	0.1148	0.0084
R7997000462	4	45786	\$	673,800	\$	730,000	2041	7	0.9230	0.4880	0.0085
R1280500010	1	45667	\$	359,900	\$	389,900	2041	7	0.9231	0.4882	0.0087
R5861760010	4	45567	\$	793,900	\$	860,000	2041	7	0.9231	0.8615	0.0091
R5713760040	4	45847	\$	821,600	\$	890,000	2041	7	0.9231	0.9476	0.0091
R6122250030	2	45678	\$	475,500	\$	515,000	2041	7	0.9233	0.1287	0.0099
R5125530355	2	45730	\$	460,800	\$	499,000	2041	7	0.9234	0.1744	0.0106
R2734250190	3	45930	\$	641,800	\$	695,000	2041	7	0.9235	0.3885	0.0107
MVAND842806	1	45805	\$	106,200	\$	115,000	65	7	0.9235	1.2772	0.0108
R6042401200	4	45736	\$	715,700	\$	775,000	1537	7	0.9235	0.6183	0.0108
R3616540230	5	45589	\$	1,214,500	\$	1,315,000	2041	7	0.9236	2.1695	0.0113
R2940700450	2	45743	\$	415,700	\$	449,990	26	7	0.9238	0.3147	0.0124
R9412310270	1	45695	\$	395,400	\$	428,000	2041	7	0.9238	0.3778	0.0126
R8123001375	2	45814	\$	457,300	\$	495,000	2041	7	0.9238	0.1853	0.0126
R7789020180	4	45874	\$	666,100	\$	721,000	2041	7	0.9239	0.4641	0.0127
R5710500280	3	45645	\$	632,900	\$	685,000	2041	7	0.9239	0.3608	0.0131
R8275810370	2	45594	\$	499,000	\$	540,000	2041	7	0.9241	0.0556	0.0138
R5136820030	1	45790	\$	397,300	\$	429,900	2041	7	0.9242	0.3719	0.0142
R8059160050	5	45800	\$	947,400	\$	1,025,000	26	7	0.9243	1.3389	0.0149
R2024380280	1	45649	\$	360,400	\$	389,900	2041	7	0.9243	0.4866	0.0151
R3050960080	3	45860	\$	535,200	\$	579,000	2041	7	0.9244	0.0570	0.0152
R7626380200	2	45602	\$	498,300	\$	539,000	2041	7	0.9245	0.0578	0.0159
R5461210045	2	45793	\$	411,400	\$	445,000	2041	7	0.9245	0.3280	0.0159
R6888370060	2	45866	\$	430,400	\$	465,500	2041	7	0.9246	0.2690	0.0164
R4999000230	1	45715	\$	365,300	\$	395,000	2041	7	0.9248	0.4714	0.0175
R1383256010	1	45638	\$	226,600	\$	245,000	26	7	0.9249	0.9027	0.0179
R0425550030	3	45877	\$	596,500	\$	644,900	2041	7	0.9249	0.2476	0.0182
R5130000596	2	45730	\$	439,300	\$	474,900	2041	7	0.9250	0.2413	0.0186
R8763270290	4	45754	\$	670,700	\$	725,000	2041	7	0.9251	0.4784	0.0189
R7777807115	1	45674	\$	305,300	\$	330,000	2041	7	0.9252	0.6580	0.0192
R1292650260	1	45623	\$	356,100	\$	384,900	2041	7	0.9252	0.5000	0.0193
R0349550430	1	45873	\$	257,200	\$	278,000	2041	7	0.9252	0.8076	0.0193
R8037600050	5	45611	\$	980,800	\$	1,060,000	2041	7	0.9253	1.4427	0.0198
R7858030115	2	45629	\$	495,000	\$	534,900	2041	7	0.9254	0.0681	0.0205
MOAKW002750	1	45572	\$	159,200	\$	172,000	65	7	0.9256	1.1124	0.0213
R9255000295	2	45817	\$	499,000	\$	539,000	2041	7	0.9258	0.0556	0.0224
R5130002465	1	45573	\$	333,300	\$	360,000	2041	7	0.9258	0.5709	0.0226
R1582250570	2	45695	\$	421,200	\$	454,900	2041	7	0.9259	0.2976	0.0230
R9035000025	4	45702	\$	782,700	\$	845,000	2041	7	0.9263	0.8267	0.0248
R3205720100	1	45761	\$	250,100	\$	270,000	26	7	0.9263	0.8297	0.0249
R3205720250	1	45800	\$	250,100	\$	270,000	26	7	0.9263	0.8297	0.0249
R5520000145	1	45642	\$	352,000	\$	380,000	2041	7	0.9263	0.5128	0.0250
R1035240340	5	45775	\$	1,257,100	\$	1,357,000	2041	7	0.9264	2.3020	0.0253
R1525710580	1	45776	\$	396,500	\$	428,000	2041	7	0.9264	0.3744	0.0254

R7294240020	1	45576	\$	199,200	\$	215,000	2041	7	0.9265	0.9880	0.0260
R1754000876	3	45832	\$	523,500	\$	565,000	2041	7	0.9265	0.0206	0.0262
R7084320400	1	45737	\$	352,100	\$	379,999	2041	7	0.9266	0.5125	0.0264
R2889890140	1	45877	\$	368,800	\$	398,000	2041	7	0.9266	0.4605	0.0266
R7199720240	1	45681	\$	323,400	\$	349,000	2041	7	0.9266	0.6017	0.0267
R1077500210	2	45786	\$	416,900	\$	449,900	2041	7	0.9267	0.3109	0.0267
R1277200100	1	45583	\$	406,800	\$	439,000	2041	7	0.9267	0.3423	0.0267
R2114530030	1	45800	\$	407,700	\$	439,900	2041	7	0.9268	0.3395	0.0275
R8448560060	4	45708	\$	790,100	\$	852,501	2041	7	0.9268	0.8497	0.0275
R7135410140	2	45926	\$	458,700	\$	494,900	2041	7	0.9269	0.1809	0.0277
R6877160280	1	45638	\$	314,800	\$	339,582	26	7	0.9270	0.6285	0.0286
R4221010010	1	45673	\$	284,600	\$	307,000	26	7	0.9270	0.7224	0.0286
R3610300910	3	45826	\$	601,700	\$	649,000	1537	7	0.9271	0.2638	0.0290
R7717170160	1	45853	\$	338,400	\$	365,000	2041	7	0.9271	0.5551	0.0291
R5710500270	3	45714	\$	635,100	\$	685,000	2041	7	0.9272	0.3676	0.0292
R1580500109	4	45631	\$	737,200	\$	795,000	2041	7	0.9273	0.6852	0.0299
R1525740850	3	45855	\$	586,100	\$	632,000	2041	7	0.9274	0.2153	0.0303
R5457750010	2	45835	\$	451,700	\$	487,000	1537	7	0.9275	0.2027	0.0310
R2940720320	5	45590	\$	1,483,100	\$	1,599,000	26	7	0.9275	3.0048	0.0310
R1251170090	1	45855	\$	282,900	\$	305,000	2041	7	0.9275	0.7277	0.0312
R8048680300	3	45702	\$	626,100	\$	675,000	2041	7	0.9276	0.3397	0.0312
R6641110380	5	45684	\$	1,066,700	\$	1,150,000	2041	7	0.9276	1.7099	0.0313
R2024360495	4	45905	\$	832,100	\$	897,000	2041	7	0.9276	0.9803	0.0317
R1029250155	1	45867	\$	361,800	\$	390,000	2041	7	0.9277	0.4823	0.0319
R5738710210	4	45807	\$	682,000	\$	735,000	2041	7	0.9279	0.5135	0.0329
R1582270130	2	45632	\$	473,200	\$	509,900	2041	7	0.9280	0.1358	0.0336
R8112001841	1	45747	\$	336,900	\$	363,000	2041	7	0.9281	0.5597	0.0340
R8123002401	2	45831	\$	409,300	\$	441,000	2041	7	0.9281	0.3346	0.0341
R6985790020	3	45779	\$	510,500	\$	550,000	2041	7	0.9282	0.0198	0.0344
R1317411060	3	45582	\$	566,200	\$	610,000	2041	7	0.9282	0.1534	0.0345
R9511370400	4	45590	\$	710,200	\$	765,000	2041	7	0.9284	0.6012	0.0353
R7224730200	1	45807	\$	185,700	\$	200,000	20	7	0.9285	1.0299	0.0360
R7337002020	1	45576	\$	354,700	\$	382,000	2041	7	0.9285	0.5044	0.0361
R4737640455	3	45664	\$	545,000	\$	586,900	2041	7	0.9286	0.0874	0.0365
R5461270060	3	45672	\$	520,100	\$	560,000	2041	7	0.9288	0.0100	0.0372
R7332850355	3	45670	\$	603,600	\$	649,900	2041	7	0.9288	0.2697	0.0373
R6960130300	1	45596	\$	297,200	\$	319,995	2041	7	0.9288	0.6832	0.0373
R0619580240	2	45617	\$	485,300	\$	522,500	2041	7	0.9288	0.0982	0.0375
R2858000960	2	45891	\$	418,000	\$	450,000	2041	7	0.9289	0.3075	0.0379
R1719540100	3	45820	\$	615,400	\$	662,500	2041	7	0.9289	0.3064	0.0380
R8222250030	4	45663	\$	789,600	\$	850,000	2041	7	0.9289	0.8481	0.0382
R1640830340	5	45695	\$	940,600	\$	1,012,500	26	7	0.9290	1.3177	0.0384
R5464530010	1	45678	\$	399,500	\$	430,000	2041	7	0.9291	0.3650	0.0388
R1219650100	1	45597	\$	273,700	\$	294,595	2041	7	0.9291	0.7563	0.0388

R2475000005	2	45786	\$	418,100	\$	450,000	2041	7	0.9291	0.3072	0.0390
R9465800550	1	45666	\$	360,900	\$	388,400	2041	7	0.9292	0.4851	0.0395
R1292650340	1	45826	\$	353,100	\$	380,000	2041	7	0.9292	0.5093	0.0395
R5457430440	2	45628	\$	433,700	\$	466,700	2041	7	0.9293	0.2587	0.0399
R5456501375	2	45596	\$	481,400	\$	518,000	2041	7	0.9293	0.1103	0.0402
R9511380990	3	45826	\$	604,100	\$	650,000	2041	7	0.9294	0.2712	0.0404
R1278950065	3	45581	\$	518,700	\$	558,000	2041	7	0.9296	0.0057	0.0413
MNASH002608	1	45693	\$	153,400	\$	165,000	65	7	0.9297	1.1304	0.0420
R2833160020	2	45869	\$	418,400	\$	450,000	2041	7	0.9298	0.3063	0.0424
R1032730100	4	45569	\$	728,000	\$	782,980	2041	7	0.9298	0.6566	0.0424
R5710490240	3	45793	\$	606,700	\$	652,500	2041	7	0.9298	0.2793	0.0425
R7835000400	1	45596	\$	380,300	\$	409,000	2041	7	0.9298	0.4248	0.0426
R7475340100	4	45873	\$	883,500	\$	949,900	2041	7	0.9301	1.1401	0.0440
R4221320105	2	45866	\$	460,400	\$	495,000	1537	7	0.9301	0.1757	0.0440
R7856310030	2	45855	\$	456,700	\$	491,000	2041	7	0.9301	0.1872	0.0442
R1625750130	1	45617	\$	267,900	\$	288,000	26	7	0.9302	0.7743	0.0445
R1725060140	1	45883	\$	376,800	\$	405,000	2041	7	0.9304	0.4356	0.0454
R7084350220	1	45628	\$	370,300	\$	398,000	2041	7	0.9304	0.4559	0.0455
R6983000070	2	45926	\$	465,300	\$	500,000	2041	7	0.9306	0.1604	0.0465
R3638300115	1	45587	\$	244,300	\$	262,500	2041	7	0.9307	0.8477	0.0468
R5125640300	3	45770	\$	558,400	\$	600,000	2041	7	0.9307	0.1291	0.0468
R8048580140	2	45600	\$	488,600	\$	525,000	1537	7	0.9307	0.0880	0.0468
R8036150230	1	45686	\$	343,900	\$	369,500	2041	7	0.9307	0.5380	0.0471
R1073800370	4	45709	\$	665,500	\$	715,000	1537	7	0.9308	0.4622	0.0474
R6055620080	1	45616	\$	363,000	\$	390,000	2041	7	0.9308	0.4786	0.0474
R8510550050	3	45618	\$	628,400	\$	675,000	2041	7	0.9310	0.3468	0.0483
R1292650250	1	45835	\$	356,100	\$	382,500	2041	7	0.9310	0.5000	0.0484
R5854000250	4	45602	\$	830,500	\$	892,000	2041	7	0.9311	0.9753	0.0488
R3958360060	1	45608	\$	586,600	\$	630,000	2041	7	0.9311	0.2168	0.0491
R5125400282	2	45695	\$	484,200	\$	520,000	2041	7	0.9312	0.1016	0.0493
R5211710330	1	45919	\$	385,500	\$	414,000	2041	7	0.9312	0.4086	0.0493
R1941430250	1	45604	\$	400,400	\$	430,000	2041	7	0.9312	0.3622	0.0493
R7335520355	3	45660	\$	558,800	\$	599,990	2041	7	0.9313	0.1304	0.0503
R0908000003	2	45623	\$	423,800	\$	455,000	2041	7	0.9314	0.2895	0.0507
S1023223422	2	45681	\$	447,100	\$	480,000	2041	7	0.9315	0.2170	0.0508
R8525820020	2	45657	\$	493,700	\$	530,000	2041	7	0.9315	0.0721	0.0511
R2343850020	2	45772	\$	459,700	\$	493,500	2041	7	0.9315	0.1778	0.0511
R7284740250	4	45736	\$	745,400	\$	800,000	2041	7	0.9318	0.7107	0.0523
R5461210060	2	45642	\$	503,100	\$	539,900	2041	7	0.9318	0.0429	0.0527
R7442000100	2	45632	\$	411,300	\$	441,375	2041	7	0.9319	0.3283	0.0528
R7686140130	1	45653	\$	368,100	\$	395,000	2041	7	0.9319	0.4627	0.0530
R5731000029	5	45583	\$	1,127,600	\$	1,210,000	2041	7	0.9319	1.8993	0.0530
R7195531160	2	45568	\$	414,700	\$	445,000	2041	7	0.9319	0.3178	0.0531
R0356001775	1	45643	\$	382,100	\$	410,000	2041	7	0.9320	0.4192	0.0533

R0367000082	4	45611	\$	744,700	\$	799,000	2041	7	0.9320	0.7085	0.0537
R5130003050	1	45712	\$	371,000	\$	398,000	2041	7	0.9322	0.4537	0.0543
R5766760030	1	45792	\$	382,200	\$	410,000	2041	7	0.9322	0.4188	0.0545
R5350500800	3	45846	\$	652,100	\$	699,500	2041	7	0.9322	0.4205	0.0547
MNASH072602	1	45863	\$	191,100	\$	204,948	65	7	0.9324	1.0131	0.0557
R5864321380	3	45618	\$	512,900	\$	550,000	2041	7	0.9325	0.0124	0.0563
R9465800750	1	45807	\$	334,700	\$	358,900	2041	7	0.9326	0.5666	0.0564
R7909030190	3	45895	\$	614,600	\$	659,000	2041	7	0.9326	0.3039	0.0567
R9033310070	1	45588	\$	382,400	\$	410,000	2041	7	0.9327	0.4182	0.0569
R4668770020	1	45894	\$	348,400	\$	373,500	2041	7	0.9328	0.5240	0.0575
R0998650030	1	45632	\$	377,800	\$	405,000	2041	7	0.9328	0.4325	0.0577
R8048010782	2	45672	\$	475,800	\$	510,000	2041	7	0.9329	0.1278	0.0582
R1582280190	2	45621	\$	489,900	\$	525,000	2041	7	0.9331	0.0839	0.0593
R2734250110	3	45911	\$	559,900	\$	600,000	2041	7	0.9332	0.1338	0.0594
R2847050120	2	45604	\$	492,800	\$	528,000	2041	7	0.9333	0.0749	0.0602
R4241300320	1	45785	\$	392,000	\$	420,000	2041	7	0.9333	0.3884	0.0602
R5315002202	3	45728	\$	568,400	\$	609,000	2041	7	0.9333	0.1602	0.0602
R3616550130	4	45834	\$	772,400	\$	827,500	2041	7	0.9334	0.7946	0.0606
S0629212700	4	45761	\$	709,400	\$	760,000	2041	7	0.9334	0.5987	0.0607
R4241300080	1	45812	\$	392,000	\$	419,900	2041	7	0.9336	0.3884	0.0613
R7700730040	1	45621	\$	340,800	\$	365,000	2041	7	0.9337	0.5476	0.0620
R9206500285	1	45616	\$	384,700	\$	412,000	2041	7	0.9337	0.4111	0.0622
R8222700495	1	45720	\$	392,200	\$	420,000	1537	7	0.9338	0.3877	0.0626
R8521500130	3	45852	\$	513,600	\$	550,000	2041	7	0.9338	0.0102	0.0626
R3161000190	1	45728	\$	383,800	\$	411,000	2041	7	0.9338	0.4139	0.0627
R5125660300	4	45610	\$	756,400	\$	810,000	2041	7	0.9338	0.7449	0.0627
R8316930075	1	45632	\$	364,200	\$	390,000	2041	7	0.9338	0.4748	0.0628
R9322400150	1	45880	\$	350,200	\$	375,000	2041	7	0.9339	0.5184	0.0629
R1472170140	2	45916	\$	483,800	\$	518,000	2041	7	0.9340	0.1029	0.0634
R7100700010	3	45678	\$	513,700	\$	550,000	2041	7	0.9340	0.0099	0.0636
R1564620030	1	45611	\$	406,200	\$	434,900	2041	7	0.9340	0.3442	0.0636
R8843000181	2	45672	\$	496,900	\$	532,000	2041	7	0.9340	0.0621	0.0637
R1640780220	4	45777	\$	845,300	\$	905,000	26	7	0.9340	1.0213	0.0637
R5606510030	2	45860	\$	425,000	\$	455,000	2041	7	0.9341	0.2857	0.0639
R2847230235	2	45862	\$	462,400	\$	495,000	1537	7	0.9341	0.1694	0.0643
R3616251120	5	45631	\$	1,289,300	\$	1,380,000	2041	7	0.9343	2.4021	0.0649
R0995060016	1	45638	\$	345,700	\$	370,000	2041	7	0.9343	0.5324	0.0652
R1719730240	3	45930	\$	616,700	\$	660,000	2041	7	0.9344	0.3104	0.0655
R2892970080	4	45834	\$	873,700	\$	935,000	2041	7	0.9344	1.1097	0.0658
R4223340100	2	45629	\$	409,300	\$	438,000	2041	7	0.9345	0.3346	0.0659
R4823370160	1	45616	\$	355,100	\$	379,990	2041	7	0.9345	0.5031	0.0661
R1601000080	1	45854	\$	362,600	\$	388,000	2041	7	0.9345	0.4798	0.0662
R7146000025	1	45660	\$	345,700	\$	369,900	2041	7	0.9346	0.5324	0.0664
R7716750075	1	45836	\$	267,200	\$	285,900	2041	7	0.9346	0.7765	0.0665

R3482160500	5	45587	\$	1,072,000	\$	1,147,000	2041	7	0.9346	1.7264	0.0666
R8315260020	1	45877	\$	383,200	\$	410,000	2041	7	0.9346	0.4157	0.0667
R0812970480	2	45593	\$	444,100	\$	474,990	2041	7	0.9350	0.2263	0.0684
R2733070190	1	45870	\$	397,400	\$	425,000	2041	7	0.9351	0.3716	0.0689
R7824160860	3	45615	\$	607,800	\$	650,000	2041	7	0.9351	0.2827	0.0690
R3719250790	1	45841	\$	383,400	\$	410,000	2041	7	0.9351	0.4151	0.0692
R7476400110	3	45681	\$	617,200	\$	660,000	2041	7	0.9352	0.3120	0.0693
R7475820480	2	45635	\$	486,300	\$	520,000	26	7	0.9352	0.0951	0.0695
R8583770440	2	45610	\$	410,600	\$	439,000	2041	7	0.9353	0.3305	0.0701
R6877160140	2	45589	\$	411,500	\$	439,900	2026	7	0.9354	0.3277	0.0708
R1954700350	1	45695	\$	392,800	\$	419,900	2041	7	0.9355	0.3859	0.0709
R8180950050	3	45603	\$	579,900	\$	619,900	2041	7	0.9355	0.1960	0.0709
R3482160970	4	45834	\$	837,500	\$	895,100	2041	7	0.9356	0.9971	0.0718
R1392660020	1	45875	\$	241,400	\$	258,000	26	7	0.9357	0.8567	0.0719
R9437520140	3	45744	\$	608,200	\$	650,000	2041	7	0.9357	0.2840	0.0720
R3962140010	1	45590	\$	392,900	\$	419,900	2041	7	0.9357	0.3856	0.0721
R1281000005	4	45600	\$	720,500	\$	770,000	2041	7	0.9357	0.6332	0.0722
R1278950005	3	45867	\$	538,100	\$	575,000	2041	7	0.9358	0.0660	0.0727
R0823650010	1	45630	\$	318,200	\$	340,000	2041	7	0.9359	0.6179	0.0730
MMONT822404	1	45786	\$	80,500	\$	86,000	65	7	0.9360	1.3571	0.0738
R1479000160	4	45806	\$	688,000	\$	735,000	2041	7	0.9361	0.5322	0.0739
R8813650220	2	45623	\$	430,600	\$	460,000	2041	7	0.9361	0.2683	0.0740
R5455010175	3	45744	\$	636,600	\$	680,000	2041	7	0.9362	0.3723	0.0745
R6885580160	2	45596	\$	444,700	\$	475,000	1537	7	0.9362	0.2245	0.0746
R1294170110	2	45588	\$	496,200	\$	530,000	2041	7	0.9362	0.0643	0.0747
R1625750060	1	45691	\$	245,200	\$	261,900	26	7	0.9362	0.8449	0.0748
R3046620140	1	45688	\$	355,700	\$	379,900	2041	7	0.9363	0.5013	0.0751
R1251250280	1	45894	\$	365,200	\$	390,000	2041	7	0.9364	0.4717	0.0756
R9529660595	1	45708	\$	346,500	\$	370,000	2041	7	0.9365	0.5299	0.0760
R2024304702	1	45671	\$	376,400	\$	401,900	2041	7	0.9366	0.4369	0.0764
R8222710080	1	45898	\$	360,600	\$	385,000	1537	7	0.9366	0.4860	0.0767
R6042301680	5	45604	\$	1,569,100	\$	1,675,000	1537	7	0.9368	3.2723	0.0775
R9770050170	3	45603	\$	529,300	\$	565,000	2041	7	0.9368	0.0386	0.0777
R7335460195	1	45861	\$	350,400	\$	374,000	2041	7	0.9369	0.5177	0.0781
R7337002396	2	45727	\$	445,100	\$	475,000	2041	7	0.9371	0.2232	0.0789
R1580950510	2	45582	\$	459,200	\$	490,000	2041	7	0.9371	0.1794	0.0793
MMARL882702	1	45583	\$	98,400	\$	105,000	65	7	0.9371	1.3014	0.0793
R1580960050	2	45602	\$	435,800	\$	465,000	2041	7	0.9372	0.2522	0.0796
R8521450680	3	45581	\$	524,800	\$	559,900	2041	7	0.9373	0.0246	0.0802
R1073250080	3	45905	\$	618,700	\$	659,900	2041	7	0.9376	0.3166	0.0814
R5315001700	3	45733	\$	510,100	\$	544,000	2041	7	0.9377	0.0211	0.0820
R5710500360	4	45847	\$	757,700	\$	807,999	2041	7	0.9377	0.7489	0.0824
R3046620080	1	45720	\$	396,200	\$	422,500	2041	7	0.9378	0.3753	0.0824
R8048190310	3	45681	\$	543,900	\$	580,000	1537	7	0.9378	0.0840	0.0824

R7100410080	5	45582	\$	1,181,700	\$	1,260,000	2041	7	0.9379	2.0675	0.0829
R3638350010	1	45861	\$	398,500	\$	424,900	2041	7	0.9379	0.3682	0.0830
R4207260220	1	45610	\$	365,800	\$	390,000	26	7	0.9379	0.4698	0.0834
R8499200130	1	45736	\$	281,400	\$	300,000	26	7	0.9380	0.7323	0.0836
R5315000900	3	45608	\$	515,900	\$	549,900	2041	7	0.9382	0.0031	0.0845
R7486100092	3	45576	\$	586,400	\$	625,000	1537	7	0.9382	0.2162	0.0848
R1077500050	2	45667	\$	487,900	\$	520,000	2041	7	0.9383	0.0901	0.0850
R5364100170	1	45693	\$	304,900	\$	324,900	2041	7	0.9384	0.6592	0.0858
R2690410700	5	45615	\$	1,415,200	\$	1,508,000	2041	7	0.9385	2.7937	0.0859
R4737710340	2	45916	\$	431,700	\$	460,000	2041	7	0.9385	0.2649	0.0860
R8103710910	2	45701	\$	464,600	\$	495,000	2041	7	0.9386	0.1626	0.0866
R3616420236	5	45915	\$	1,267,100	\$	1,350,000	2041	7	0.9386	2.3331	0.0866
R1719540190	3	45590	\$	603,100	\$	642,500	2041	7	0.9387	0.2681	0.0870
R1392660030	1	45581	\$	244,100	\$	260,000	26	7	0.9388	0.8483	0.0879
R5450370010	2	45574	\$	413,000	\$	439,900	2041	7	0.9388	0.3231	0.0879
R4221300940	2	45666	\$	413,100	\$	440,000	1537	7	0.9389	0.3228	0.0879
R8320220040	1	45888	\$	241,300	\$	257,000	26	7	0.9389	0.8570	0.0882
R1564620360	2	45846	\$	446,000	\$	475,000	2041	7	0.9389	0.2204	0.0884
R5713750010	5	45898	\$	934,300	\$	995,000	2041	7	0.9390	1.2981	0.0886
R4576240180	4	45702	\$	873,600	\$	930,189	2041	7	0.9392	1.1094	0.0895
R5350510070	3	45646	\$	653,200	\$	695,500	2041	7	0.9392	0.4239	0.0895
R2858000690	1	45583	\$	404,800	\$	431,000	2041	7	0.9392	0.3486	0.0897
R1525740260	3	45604	\$	553,900	\$	589,750	2041	7	0.9392	0.1151	0.0897
R9466000070	2	45639	\$	479,000	\$	510,000	2041	7	0.9392	0.1178	0.0897
R1943000365	4	45828	\$	706,300	\$	752,000	2041	7	0.9392	0.5891	0.0898
R3205720290	1	45614	\$	248,900	\$	265,000	26	7	0.9392	0.8334	0.0899
R3610300030	4	45617	\$	809,700	\$	862,000	1537	7	0.9393	0.9106	0.0903
R3738760030	2	45569	\$	455,600	\$	485,000	2041	7	0.9394	0.1906	0.0905
R8037540600	5	45596	\$	1,578,300	\$	1,680,000	2041	7	0.9395	3.3009	0.0910
R5125260320	3	45639	\$	629,400	\$	669,900	2041	7	0.9395	0.3499	0.0914
R1955000515	1	45573	\$	324,200	\$	345,000	2041	7	0.9397	0.5992	0.0922
R8037540130	5	45730	\$	2,833,300	\$	3,015,000	2041	7	0.9397	7.2038	0.0923
R1580261376	1	45575	\$	380,600	\$	405,000	2041	7	0.9398	0.4238	0.0924
R6877160260	1	45600	\$	357,100	\$	379,900	2026	7	0.9400	0.4969	0.0936
R1043240340	2	45595	\$	479,300	\$	509,900	2041	7	0.9400	0.1169	0.0936
R0432010040	1	45568	\$	399,500	\$	425,000	2041	7	0.9400	0.3650	0.0936
R7702800130	1	45862	\$	385,400	\$	410,000	26	7	0.9400	0.4089	0.0936
R8039651110	1	45905	\$	300,800	\$	320,000	26	7	0.9400	0.6720	0.0936
MFLEE172703	1	45716	\$	133,500	\$	142,000	65	7	0.9401	1.1923	0.0944
R5713430030	3	45660	\$	606,400	\$	645,000	2041	7	0.9402	0.2784	0.0944
R2858000120	2	45608	\$	470,100	\$	500,000	2041	7	0.9402	0.1455	0.0946
R1277000140	3	45812	\$	634,700	\$	675,000	1537	7	0.9403	0.3664	0.0951
R3482110140	5	45825	\$	1,716,200	\$	1,825,000	2041	7	0.9404	3.7297	0.0956
R9686560400	3	45667	\$	587,700	\$	624,900	2041	7	0.9405	0.2202	0.0960

S1126314890	4	45590	\$	676,200	\$	719,000	1234	7	0.9405	0.4955	0.0960
R7074520060	2	45713	\$	465,600	\$	495,000	2041	7	0.9406	0.1595	0.0967
R4933120060	4	45618	\$	770,400	\$	819,000	2041	7	0.9407	0.7884	0.0970
R6114500410	2	45637	\$	504,300	\$	536,000	2041	7	0.9409	0.0391	0.0979
R9465800050	1	45691	\$	329,300	\$	349,990	2041	7	0.9409	0.5834	0.0981
R0027100010	1	45772	\$	326,500	\$	347,000	2041	7	0.9409	0.5921	0.0983
R5315060060	2	45597	\$	503,400	\$	535,000	2041	7	0.9409	0.0419	0.0983
R3610291040	3	45803	\$	559,900	\$	595,000	1537	7	0.9410	0.1338	0.0987
R5538921570	3	45744	\$	555,200	\$	590,000	2041	7	0.9410	0.1192	0.0987
R1035210040	5	45923	\$	2,115,700	\$	2,247,900	2041	7	0.9412	4.9721	0.0996
R8584700020	1	45572	\$	374,600	\$	398,000	2041	7	0.9412	0.4425	0.0997
R3719750080	1	45628	\$	381,200	\$	405,000	2041	7	0.9412	0.4220	0.0998
R9276220030	4	45688	\$	714,400	\$	759,000	2041	7	0.9412	0.6143	0.0999
R6120510080	5	45841	\$	903,600	\$	960,000	2041	7	0.9413	1.2027	0.0999
S0601427900	5	45638	\$	5,389,600	\$	5,725,000	1234	7	0.9414	15.1536	0.1007
R6284140250	1	45623	\$	390,700	\$	415,000	2041	7	0.9414	0.3924	0.1009
R5201000020	3	45576	\$	536,700	\$	570,000	2041	7	0.9416	0.0616	0.1016
R0348500180	1	45652	\$	178,900	\$	190,000	26	7	0.9416	1.0511	0.1016
R1798500390	4	45765	\$	706,100	\$	749,900	2041	7	0.9416	0.5884	0.1016
R1719760020	3	45618	\$	654,500	\$	695,000	2041	7	0.9417	0.4280	0.1023
R4221330010	2	45758	\$	441,700	\$	469,000	1537	7	0.9418	0.2338	0.1026
R3616590205	4	45747	\$	800,600	\$	850,000	2041	7	0.9419	0.8823	0.1031
R8048730190	3	45807	\$	557,600	\$	592,000	2041	7	0.9419	0.1266	0.1031
R8048190430	1	45715	\$	397,500	\$	422,000	1537	7	0.9419	0.3713	0.1034
R2847200040	3	45616	\$	579,300	\$	615,000	1537	7	0.9420	0.1941	0.1034
R1625750165	1	45741	\$	240,200	\$	255,000	26	7	0.9420	0.8605	0.1035
R1608740900	1	45600	\$	385,100	\$	408,783	2041	7	0.9421	0.4098	0.1040
R5710500220	4	45897	\$	734,900	\$	780,000	2041	7	0.9422	0.6780	0.1046
R7406000395	2	45702	\$	485,300	\$	515,000	2041	7	0.9423	0.0982	0.1053
R1719540200	3	45768	\$	611,600	\$	649,000	2041	7	0.9424	0.2946	0.1055
R1523280155	2	45789	\$	433,500	\$	459,999	2041	7	0.9424	0.2593	0.1056
R3273100300	2	45638	\$	504,100	\$	534,900	2041	7	0.9424	0.0398	0.1058
R1096170280	3	45572	\$	509,000	\$	540,000	2041	7	0.9426	0.0245	0.1066
R5504610580	2	45589	\$	409,100	\$	434,000	2041	7	0.9426	0.3352	0.1068
R5098230150	3	45597	\$	579,800	\$	615,000	2041	7	0.9428	0.1957	0.1075
R1592010100	4	45595	\$	669,400	\$	710,000	2041	7	0.9428	0.4743	0.1078
R5820550400	5	45699	\$	1,162,500	\$	1,233,000	2041	7	0.9428	2.0078	0.1078
R8521440400	2	45807	\$	499,700	\$	530,000	2041	7	0.9428	0.0534	0.1078
R2847000070	5	45707	\$	990,000	\$	1,050,000	1537	7	0.9429	1.4713	0.1080
R6120402362	4	45852	\$	833,500	\$	884,000	2041	7	0.9429	0.9846	0.1081
R4707000100	1	45758	\$	400,800	\$	425,000	2041	7	0.9431	0.3610	0.1090
R0962140230	1	45610	\$	376,300	\$	399,000	2041	7	0.9431	0.4372	0.1092
R9322420260	1	45667	\$	391,400	\$	415,000	2041	7	0.9431	0.3902	0.1094
R1577000125	4	45580	\$	792,300	\$	840,000	2041	7	0.9432	0.8565	0.1098

R1955010322	4	45793	\$	660,300	\$	700,000	2041	7	0.9433	0.4460	0.1101
R5817210230	2	45828	\$	448,100	\$	475,000	2041	7	0.9434	0.2139	0.1105
R1126001925	5	45840	\$	1,083,000	\$	1,148,000	2041	7	0.9434	1.7606	0.1106
R0410000070	1	45693	\$	357,600	\$	379,000	2041	7	0.9435	0.4954	0.1114
R2884000445	4	45587	\$	754,900	\$	799,999	2041	7	0.9436	0.7402	0.1118
R9242230020	2	45569	\$	438,800	\$	465,000	2041	7	0.9437	0.2428	0.1120
R1719761100	4	45799	\$	670,100	\$	710,000	2041	7	0.9438	0.4765	0.1127
R1625504500	3	45583	\$	613,500	\$	650,000	2041	7	0.9438	0.3005	0.1129
R8048240170	2	45891	\$	432,300	\$	458,000	1537	7	0.9439	0.2630	0.1131
R1523290270	2	45599	\$	495,600	\$	525,000	2041	7	0.9440	0.0662	0.1137
R1582280210	2	45583	\$	495,600	\$	525,000	2041	7	0.9440	0.0662	0.1137
R6045000080	1	45656	\$	396,500	\$	420,000	2041	7	0.9440	0.3744	0.1139
R0310000193	3	45917	\$	623,100	\$	660,000	2041	7	0.9441	0.3303	0.1142
R0521130100	3	45580	\$	642,000	\$	680,000	2041	7	0.9441	0.3891	0.1143
R0539420210	1	45593	\$	361,700	\$	383,000	2041	7	0.9444	0.4826	0.1156
R4241300340	1	45719	\$	392,000	\$	415,000	2041	7	0.9446	0.3884	0.1166
R8813680660	1	45719	\$	387,300	\$	410,000	2041	7	0.9446	0.4030	0.1169
R7858000075	2	45722	\$	425,100	\$	450,000	2041	7	0.9447	0.2854	0.1170
R5175410080	3	45800	\$	509,200	\$	539,000	2041	7	0.9447	0.0239	0.1173
R1525600270	2	45800	\$	470,500	\$	498,000	2041	7	0.9448	0.1442	0.1176
R0879520040	4	45796	\$	864,500	\$	915,000	2041	7	0.9448	1.0811	0.1178
R8318270040	2	45778	\$	414,800	\$	439,000	26	7	0.9449	0.3175	0.1181
R3035900112	3	45848	\$	655,000	\$	693,203	2041	7	0.9449	0.4295	0.1182
R0812960320	3	45730	\$	567,000	\$	600,000	2041	7	0.9450	0.1559	0.1187
R1317410600	1	45603	\$	392,600	\$	415,400	2041	7	0.9451	0.3865	0.1193
R2486520040	2	45736	\$	457,400	\$	483,900	2041	7	0.9452	0.1850	0.1199
R2038000180	4	45639	\$	795,900	\$	842,000	2041	7	0.9452	0.8677	0.1200
R3719181526	1	45712	\$	278,000	\$	294,000	2048	7	0.9456	0.7429	0.1216
R3746000276	5	45649	\$	898,300	\$	950,000	2041	7	0.9456	1.1862	0.1216
R5646030155	1	45755	\$	358,400	\$	379,000	2041	7	0.9456	0.4929	0.1220
R7074610220	3	45714	\$	534,300	\$	565,000	2041	7	0.9457	0.0542	0.1220
R6206380180	1	45750	\$	364,100	\$	385,000	2041	7	0.9457	0.4751	0.1223
R8954560411	2	45819	\$	425,600	\$	450,000	2041	7	0.9458	0.2839	0.1226
R7924000075	3	45694	\$	638,600	\$	675,000	2041	7	0.9461	0.3785	0.1241
S1002233870	4	45660	\$	791,900	\$	837,000	2041	7	0.9461	0.8553	0.1243
R7777813910	2	45708	\$	462,700	\$	489,000	2041	7	0.9462	0.1685	0.1248
R0879510560	4	45744	\$	818,500	\$	865,000	2041	7	0.9462	0.9380	0.1250
R7335510255	3	45646	\$	586,700	\$	620,000	2041	7	0.9463	0.2171	0.1252
R4950500205	2	45835	\$	459,000	\$	485,000	2041	7	0.9464	0.1800	0.1257
R3724270060	1	45674	\$	383,300	\$	405,000	2041	7	0.9464	0.4154	0.1258
R7195530720	3	45849	\$	528,100	\$	557,900	2041	7	0.9466	0.0349	0.1267
R1657010340	2	45911	\$	430,700	\$	455,000	26	7	0.9466	0.2680	0.1267
R1283130060	2	45674	\$	462,900	\$	489,000	2041	7	0.9466	0.1679	0.1269
R9227500660	3	45636	\$	596,400	\$	630,000	2041	7	0.9467	0.2473	0.1271

R8103700300	3	45911	\$	629,500	\$	664,900	2041	7	0.9468	0.3502	0.1275
R6647640010	2	45853	\$	489,500	\$	517,000	2041	7	0.9468	0.0852	0.1278
R5299000062	4	45596	\$	785,900	\$	830,000	2041	7	0.9469	0.8366	0.1281
S0628336415	2	45824	\$	501,900	\$	530,000	2041	7	0.9470	0.0466	0.1287
R8223770050	2	45628	\$	473,400	\$	499,900	2041	7	0.9470	0.1352	0.1287
MNASH002651	1	45586	\$	189,400	\$	200,000	65	7	0.9470	1.0184	0.1288
R3616640095	4	45575	\$	704,200	\$	743,589	2041	7	0.9470	0.5825	0.1289
R3268500073	2	45810	\$	430,900	\$	455,000	2046	7	0.9470	0.2674	0.1289
R7476260180	3	45736	\$	539,900	\$	570,000	2041	7	0.9472	0.0716	0.1297
R8954560371	2	45719	\$	412,000	\$	434,900	2041	7	0.9473	0.3262	0.1305
R0995010095	1	45630	\$	355,000	\$	374,726	2041	7	0.9474	0.5034	0.1306
R1955010635	2	45574	\$	440,600	\$	465,000	2041	7	0.9475	0.2372	0.1314
R1077500055	3	45877	\$	521,200	\$	550,000	2041	7	0.9476	0.0134	0.1319
R1580810060	3	45854	\$	552,000	\$	582,500	2041	7	0.9476	0.1092	0.1320
R1525590100	1	45593	\$	383,800	\$	405,000	2041	7	0.9477	0.4139	0.1320
R7100000039	3	45828	\$	554,400	\$	585,000	2041	7	0.9477	0.1167	0.1322
R5538912040	4	45783	\$	701,300	\$	740,000	2041	7	0.9477	0.5735	0.1323
R5785840270	3	45832	\$	538,800	\$	568,500	2041	7	0.9478	0.0682	0.1325
R5125810280	3	45894	\$	511,800	\$	540,000	2041	7	0.9478	0.0158	0.1327
R4997440540	1	45583	\$	402,900	\$	425,000	1537	7	0.9480	0.3545	0.1338
R9351910340	3	45576	\$	576,400	\$	608,000	2041	7	0.9480	0.1851	0.1339
R5456500824	2	45595	\$	455,100	\$	480,000	2041	7	0.9481	0.1921	0.1344
R0879010010	1	45616	\$	378,400	\$	399,000	2041	7	0.9484	0.4307	0.1356
R5417150080	2	45635	\$	445,800	\$	470,000	2041	7	0.9485	0.2211	0.1363
R0041120062	2	45770	\$	462,900	\$	488,000	2041	7	0.9486	0.1679	0.1366
R2024250175	1	45628	\$	332,000	\$	350,000	2041	7	0.9486	0.5750	0.1366
R5504610470	2	45800	\$	417,400	\$	440,000	2041	7	0.9486	0.3094	0.1370
R7442510010	1	45807	\$	387,100	\$	408,000	2041	7	0.9488	0.4036	0.1377
R2391230300	2	45749	\$	493,400	\$	520,000	2041	7	0.9488	0.0730	0.1380
R0415500310	5	45835	\$	1,233,600	\$	1,300,000	2041	7	0.9489	2.2289	0.1384
R8583760470	1	45793	\$	500,100	\$	527,000	2041	7	0.9490	0.0522	0.1386
R6907000100	3	45863	\$	645,300	\$	680,000	2041	7	0.9490	0.3994	0.1386
R7475970040	2	45667	\$	497,300	\$	524,000	26	7	0.9490	0.0609	0.1390
R3239000020	1	45595	\$	365,300	\$	384,900	2041	7	0.9491	0.4714	0.1392
R1292650836	4	45597	\$	754,900	\$	795,400	2041	7	0.9491	0.7402	0.1392
R5457990300	1	45623	\$	374,900	\$	395,000	2041	7	0.9491	0.4415	0.1394
R3427360410	1	45659	\$	270,500	\$	285,000	2048	7	0.9491	0.7662	0.1394
R1277200035	2	45743	\$	456,100	\$	480,500	2041	7	0.9492	0.1890	0.1399
R6621000055	2	45811	\$	450,900	\$	475,000	2041	7	0.9493	0.2052	0.1401
R1376420380	2	45810	\$	498,400	\$	525,000	2041	7	0.9493	0.0575	0.1405
R1126001605	4	45635	\$	778,600	\$	820,000	2041	7	0.9495	0.8139	0.1414
R1580710230	2	45631	\$	408,200	\$	429,900	2041	7	0.9495	0.3380	0.1414
R1608740820	2	45617	\$	452,300	\$	476,084	2041	7	0.9500	0.2008	0.1440
R6876000490	3	45824	\$	508,300	\$	535,000	2041	7	0.9501	0.0267	0.1443

R6650000060	1	45597	\$	394,300	\$	415,000	2041	7	0.9501	0.3812	0.1444
R3046620170	1	45859	\$	365,800	\$	385,000	2041	7	0.9501	0.4698	0.1444
R1525700190	1	45688	\$	343,000	\$	361,000	2041	7	0.9501	0.5408	0.1445
R4207010031	3	45744	\$	536,900	\$	565,000	2041	7	0.9503	0.0623	0.1451
R8037320220	4	45813	\$	871,400	\$	917,000	2041	7	0.9503	1.1025	0.1452
R2905670480	2	45644	\$	441,900	\$	465,000	2041	7	0.9503	0.2332	0.1454
R6120402200	5	45832	\$	1,805,700	\$	1,900,000	2041	7	0.9504	4.0081	0.1456
R1624000262	2	45708	\$	480,000	\$	505,000	2041	7	0.9505	0.1147	0.1463
R1126001780	5	45855	\$	1,426,000	\$	1,500,000	2041	7	0.9507	2.8273	0.1471
R1582280330	3	45747	\$	575,200	\$	605,000	2041	7	0.9507	0.1814	0.1475
R1655000040	1	45637	\$	380,300	\$	400,000	2041	7	0.9508	0.4248	0.1476
R2847230140	3	45849	\$	560,900	\$	589,900	1537	7	0.9508	0.1369	0.1480
R9529190330	5	45727	\$	1,331,300	\$	1,400,000	2041	7	0.9509	2.5328	0.1485
R8378010200	1	45611	\$	328,100	\$	345,000	2041	7	0.9510	0.5871	0.1489
R6042371140	4	45719	\$	730,400	\$	768,000	1537	7	0.9510	0.6640	0.1490
S0629325417	4	45611	\$	737,100	\$	775,000	2041	7	0.9511	0.6849	0.1493
R1719590340	3	45779	\$	642,000	\$	675,000	2041	7	0.9511	0.3891	0.1494
R0387050121	3	45568	\$	570,700	\$	600,000	2041	7	0.9512	0.1674	0.1496
R2919010401	1	45819	\$	380,500	\$	400,000	2041	7	0.9513	0.4241	0.1501
R2400010180	1	45629	\$	337,700	\$	355,000	26	7	0.9513	0.5572	0.1502
R7626390780	3	45623	\$	589,800	\$	620,000	2041	7	0.9513	0.2268	0.1503
R7198560580	4	45617	\$	746,900	\$	785,000	2041	7	0.9515	0.7153	0.1511
R7686140410	1	45779	\$	380,500	\$	399,900	2041	7	0.9515	0.4241	0.1513
R7997010027	3	45670	\$	626,100	\$	658,000	2041	7	0.9515	0.3397	0.1514
R8499240100	1	45610	\$	294,500	\$	309,500	26	7	0.9515	0.6916	0.1515
R8048900035	4	45604	\$	732,700	\$	770,000	2041	7	0.9516	0.6712	0.1516
R2734250470	4	45604	\$	680,400	\$	715,000	2041	7	0.9516	0.5085	0.1519
R0523730120	2	45854	\$	418,800	\$	440,000	2041	7	0.9518	0.3050	0.1529
R7084320190	1	45580	\$	352,200	\$	370,000	2041	7	0.9519	0.5121	0.1533
R1071140240	1	45638	\$	395,100	\$	415,000	2041	7	0.9520	0.3787	0.1541
R5364100160	1	45628	\$	303,600	\$	318,888	2041	7	0.9521	0.6633	0.1541
R3482170060	4	45660	\$	747,400	\$	785,000	2041	7	0.9521	0.7169	0.1543
R1719580020	4	45779	\$	856,300	\$	899,000	2041	7	0.9525	1.0556	0.1563
R1719560160	4	45750	\$	857,300	\$	900,000	2041	7	0.9526	1.0587	0.1566
R3046610170	1	45813	\$	351,500	\$	369,000	2041	7	0.9526	0.5143	0.1567
R1955011061	2	45653	\$	438,200	\$	459,900	2041	7	0.9528	0.2447	0.1579
R7596250060	1	45615	\$	459,400	\$	482,000	2041	7	0.9531	0.1788	0.1594
R3268160010	1	45580	\$	290,700	\$	305,000	2041	7	0.9531	0.7034	0.1594
R8318270240	2	45807	\$	433,600	\$	454,900	26	7	0.9532	0.2590	0.1597
R3482170310	4	45567	\$	714,800	\$	749,900	2041	7	0.9532	0.6155	0.1598
R1376440140	3	45867	\$	527,700	\$	553,600	2041	7	0.9532	0.0336	0.1599
R5864320140	2	45876	\$	464,700	\$	487,500	2041	7	0.9532	0.1623	0.1600
R7133460510	1	45782	\$	361,300	\$	379,000	26	7	0.9533	0.4838	0.1603
R9539500051	1	45714	\$	343,200	\$	360,000	2041	7	0.9533	0.5401	0.1605

R0310270210	2	45824	\$	431,000	\$	452,000	2041	7	0.9535	0.2671	0.1615
R8222710120	2	45587	\$	416,700	\$	437,000	1537	7	0.9535	0.3116	0.1616
R7335510295	1	45834	\$	376,700	\$	395,000	2041	7	0.9537	0.4360	0.1622
R5456500520	2	45814	\$	414,900	\$	435,000	2041	7	0.9538	0.3172	0.1628
R1719520400	4	45855	\$	753,500	\$	789,900	2041	7	0.9539	0.7359	0.1634
R8763270610	4	45922	\$	677,300	\$	710,000	2041	7	0.9539	0.4989	0.1636
R5125540125	2	45698	\$	459,000	\$	481,000	2041	7	0.9543	0.1800	0.1652
R1278950140	2	45769	\$	491,500	\$	515,000	2041	7	0.9544	0.0789	0.1657
R5211710670	1	45630	\$	391,300	\$	410,000	2041	7	0.9544	0.3905	0.1658
R5710410950	1	45660	\$	369,400	\$	387,000	2041	7	0.9545	0.4587	0.1665
R1719670800	3	45623	\$	651,000	\$	682,000	2041	7	0.9545	0.4171	0.1666
R0843340570	3	45845	\$	548,900	\$	575,000	2041	7	0.9546	0.0996	0.1669
R8763270690	4	45783	\$	692,000	\$	724,900	2041	7	0.9546	0.5446	0.1669
R1431970060	2	45810	\$	443,900	\$	465,000	26	7	0.9546	0.2270	0.1670
R2369170030	2	45716	\$	415,300	\$	435,000	2041	7	0.9547	0.3159	0.1674
R2024301628	2	45649	\$	477,400	\$	500,000	2041	7	0.9548	0.1228	0.1679
R3482160350	4	45604	\$	740,000	\$	775,000	2041	7	0.9548	0.6939	0.1681
R2919020380	2	45810	\$	438,700	\$	459,435	2041	7	0.9549	0.2431	0.1682
R8112001585	1	45611	\$	377,200	\$	395,000	2041	7	0.9549	0.4344	0.1686
R3610150330	4	45611	\$	858,500	\$	899,000	1537	7	0.9549	1.0624	0.1686
R6121320105	4	45574	\$	835,600	\$	875,000	2041	7	0.9550	0.9912	0.1687
R1749001970	2	45568	\$	429,800	\$	450,000	2041	7	0.9551	0.2708	0.1694
R5455010240	1	45589	\$	406,000	\$	425,069	2041	7	0.9551	0.3448	0.1696
R6901150120	3	45616	\$	606,500	\$	634,900	2041	7	0.9553	0.2787	0.1702
R3610350770	5	45833	\$	965,000	\$	1,010,000	1537	7	0.9554	1.3936	0.1711
R1719680150	4	45728	\$	678,400	\$	710,000	2041	7	0.9555	0.5023	0.1713
R5646000075	1	45887	\$	363,100	\$	380,000	2041	7	0.9555	0.4782	0.1715
R7648000020	1	45590	\$	377,500	\$	395,000	2041	7	0.9557	0.4335	0.1724
R9206000240	4	45590	\$	764,700	\$	800,000	2041	7	0.9559	0.7707	0.1733
R7199720030	1	45670	\$	325,000	\$	340,000	2041	7	0.9559	0.5967	0.1733
R0573410352	3	45845	\$	573,500	\$	599,900	2041	7	0.9560	0.1761	0.1739
R0027100090	1	45757	\$	325,100	\$	340,000	2041	7	0.9562	0.5964	0.1748
R5864321620	3	45869	\$	530,700	\$	555,000	2041	7	0.9562	0.0430	0.1750
R1731190140	1	45870	\$	208,000	\$	217,500	26	7	0.9563	0.9606	0.1755
R7777775180	3	45835	\$	573,900	\$	600,000	2041	7	0.9565	0.1773	0.1764
R3674160190	1	45646	\$	377,900	\$	395,000	2041	7	0.9567	0.4322	0.1774
R3239040191	2	45688	\$	480,800	\$	502,500	2041	7	0.9568	0.1122	0.1780
R4548500175	1	45664	\$	336,800	\$	352,000	2041	7	0.9568	0.5600	0.1780
R7384180210	5	45889	\$	943,600	\$	985,920	2041	7	0.9571	1.3270	0.1793
R1601070142	4	45810	\$	694,000	\$	725,000	2041	7	0.9572	0.5508	0.1801
R5207001065	5	45925	\$	1,220,500	\$	1,275,000	2041	7	0.9573	2.1882	0.1802
R8020820105	1	45891	\$	315,900	\$	330,000	2041	7	0.9573	0.6250	0.1803
R8222710210	1	45792	\$	363,800	\$	380,000	1537	7	0.9574	0.4761	0.1807
R1317410770	3	45636	\$	526,700	\$	550,000	2041	7	0.9576	0.0305	0.1821

R0416210280	1	45869	\$	952,900	\$	995,000	26	7	0.9577	1.3560	0.1824
R1525670530	1	45821	\$	383,100	\$	400,000	2041	7	0.9578	0.4160	0.1827
R1721000385	3	45888	\$	622,600	\$	650,000	2041	7	0.9578	0.3288	0.1831
R7451230080	2	45700	\$	416,700	\$	435,000	2041	7	0.9579	0.3116	0.1836
R8103710950	3	45604	\$	512,500	\$	535,000	2041	7	0.9579	0.0136	0.1836
R0619580160	2	45582	\$	485,700	\$	507,000	2041	7	0.9580	0.0970	0.1839
R1614230060	1	45618	\$	292,200	\$	305,000	26	7	0.9580	0.6987	0.1841
R0843350780	3	45589	\$	564,300	\$	589,000	2041	7	0.9581	0.1475	0.1842
R2847260075	2	45628	\$	464,700	\$	485,000	1537	7	0.9581	0.1623	0.1846
R1184000090	1	45590	\$	364,100	\$	380,000	2041	7	0.9582	0.4751	0.1847
MFLEE232421	1	45616	\$	158,100	\$	165,000	65	7	0.9582	1.1158	0.1848
R6120402830	4	45786	\$	747,500	\$	780,000	2041	7	0.9583	0.7172	0.1856
R2024250195	1	45616	\$	402,500	\$	420,000	2041	7	0.9583	0.3557	0.1856
R7475380260	5	45646	\$	934,400	\$	975,000	2041	7	0.9584	1.2984	0.1857
R7334190655	2	45609	\$	425,900	\$	444,350	2041	7	0.9585	0.2829	0.1863
R6901730200	3	45629	\$	522,400	\$	545,000	2041	7	0.9585	0.0172	0.1866
R3268500180	1	45594	\$	316,400	\$	330,000	2041	7	0.9588	0.6235	0.1879
R7119650230	2	45709	\$	421,900	\$	440,000	2041	7	0.9589	0.2954	0.1882
R7877740140	1	45727	\$	258,900	\$	270,000	2041	7	0.9589	0.8023	0.1884
R1955001153	3	45590	\$	608,900	\$	635,000	2041	7	0.9589	0.2862	0.1884
R3482230140	4	45772	\$	795,900	\$	830,000	2041	7	0.9589	0.8677	0.1885
R1805750350	1	45861	\$	311,700	\$	325,000	2041	7	0.9591	0.6381	0.1893
R8226720380	3	45597	\$	647,400	\$	675,000	2041	7	0.9591	0.4059	0.1895
R1096190066	2	45604	\$	465,200	\$	485,000	2041	7	0.9592	0.1607	0.1898
R3386000335	1	45646	\$	316,600	\$	330,000	2041	7	0.9594	0.6229	0.1909
R8222610100	4	45813	\$	666,800	\$	695,000	2041	7	0.9594	0.4662	0.1911
R6120402510	4	45856	\$	695,600	\$	725,000	2041	7	0.9594	0.5558	0.1912
S0634315355	2	45596	\$	503,800	\$	525,000	2041	7	0.9596	0.0407	0.1920
R8813680800	1	45923	\$	381,000	\$	397,000	2041	7	0.9597	0.4226	0.1924
R5455010140	2	45804	\$	460,700	\$	480,000	2041	7	0.9598	0.1747	0.1929
R5125660430	3	45604	\$	600,000	\$	625,000	2041	7	0.9600	0.2585	0.1939
MALPI621050	1	45851	\$	4,800	\$	5,000	65	7	0.9600	1.5925	0.1939
R1383253110	1	45910	\$	302,400	\$	315,000	26	7	0.9600	0.6670	0.1939
R1525700750	1	45729	\$	384,000	\$	400,000	2041	7	0.9600	0.4132	0.1939
R5915310780	3	45611	\$	523,300	\$	544,990	2041	7	0.9602	0.0200	0.1950
R5125660510	4	45749	\$	768,200	\$	800,000	2041	7	0.9603	0.7816	0.1952
R1358810130	2	45642	\$	446,700	\$	464,999	2041	7	0.9606	0.2183	0.1972
R5457600090	2	45646	\$	437,100	\$	455,000	2041	7	0.9607	0.2481	0.1973
R8222130140	1	45583	\$	369,900	\$	385,000	2041	7	0.9608	0.4571	0.1979
R6905710470	3	45776	\$	598,100	\$	622,500	26	7	0.9608	0.2526	0.1980
R8992000065	2	45790	\$	479,500	\$	499,000	2041	7	0.9609	0.1163	0.1986
R3610191000	3	45915	\$	608,300	\$	633,000	1537	7	0.9610	0.2843	0.1989
R2024250018	1	45891	\$	389,200	\$	405,000	2041	7	0.9610	0.3971	0.1989
R6680000004	3	45839	\$	615,000	\$	639,900	2041	7	0.9611	0.3051	0.1994

R8222580180	2	45741	\$	491,200	\$	511,000	2041	7	0.9613	0.0799	0.2002
R1892010860	1	45831	\$	355,800	\$	370,000	2041	7	0.9616	0.5009	0.2021
R8316120080	1	45609	\$	389,500	\$	405,000	2041	7	0.9617	0.3961	0.2026
R1251150010	2	45586	\$	432,700	\$	449,900	2041	7	0.9618	0.2618	0.2028
R0363790010	2	45638	\$	481,000	\$	500,000	2041	7	0.9620	0.1116	0.2040
R7108570065	1	45817	\$	360,800	\$	375,000	2041	7	0.9621	0.4854	0.2046
R1508020270	1	45609	\$	396,400	\$	412,000	2041	7	0.9621	0.3747	0.2047
R5315010970	2	45828	\$	432,000	\$	449,000	2041	7	0.9621	0.2640	0.2047
R1393520020	3	45765	\$	562,900	\$	585,000	2041	7	0.9622	0.1431	0.2051
R8079230130	1	45691	\$	336,800	\$	350,000	2041	7	0.9623	0.5600	0.2054
R8048240420	2	45848	\$	442,700	\$	460,000	1537	7	0.9624	0.2307	0.2059
R5504610190	2	45916	\$	440,800	\$	458,000	2041	7	0.9624	0.2366	0.2062
R9227500350	3	45835	\$	556,300	\$	578,000	2041	7	0.9625	0.1226	0.2063
R1954700670	1	45782	\$	385,000	\$	400,000	2041	7	0.9625	0.4101	0.2065
R2690370060	5	45596	\$	1,131,600	\$	1,175,000	2041	7	0.9631	1.9117	0.2093
R1001190230	1	45663	\$	394,900	\$	410,000	2041	7	0.9632	0.3794	0.2098
R8103260020	1	45715	\$	375,700	\$	390,000	2041	7	0.9633	0.4391	0.2107
R8930000211	3	45700	\$	578,000	\$	600,000	2041	7	0.9633	0.1901	0.2107
R2847500050	1	45863	\$	360,200	\$	373,900	2041	7	0.9634	0.4873	0.2108
R1580261119	2	45737	\$	428,700	\$	445,000	2041	7	0.9634	0.2742	0.2109
R1277200065	1	45754	\$	366,100	\$	380,000	2041	7	0.9634	0.4689	0.2111
R1525700410	1	45816	\$	332,400	\$	345,000	2041	7	0.9635	0.5737	0.2114
R5098220110	3	45604	\$	635,900	\$	659,999	2041	7	0.9635	0.3701	0.2114
R1805750410	1	45692	\$	319,900	\$	332,000	2041	7	0.9636	0.6126	0.2118
R7909000280	3	45637	\$	592,700	\$	615,000	2041	7	0.9637	0.2358	0.2127
R5450370020	2	45834	\$	409,700	\$	425,000	2041	7	0.9640	0.3333	0.2140
R3078010060	1	45904	\$	216,900	\$	225,000	26	7	0.9640	0.9329	0.2140
R9464250045	1	45898	\$	254,500	\$	264,000	26	7	0.9640	0.8160	0.2141
R7133460430	1	45623	\$	356,600	\$	369,900	26	7	0.9640	0.4985	0.2142
R8222620320	2	45853	\$	456,500	\$	473,500	2041	7	0.9641	0.1878	0.2145
R2884060630	4	45616	\$	839,000	\$	870,000	2041	7	0.9644	1.0018	0.2159
R7334160683	3	45716	\$	525,700	\$	545,000	2041	7	0.9646	0.0274	0.2170
R8222590170	2	45807	\$	482,200	\$	499,900	2041	7	0.9646	0.1079	0.2170
R1525710330	2	45811	\$	414,000	\$	429,000	2041	7	0.9650	0.3200	0.2192
R1608740880	2	45574	\$	501,700	\$	519,872	2041	7	0.9650	0.0472	0.2192
R0333000005	3	45779	\$	654,400	\$	678,000	2041	7	0.9652	0.4277	0.2200
R8222620310	2	45856	\$	463,300	\$	480,000	2041	7	0.9652	0.1666	0.2201
R6877160580	2	45649	\$	466,200	\$	483,000	26	7	0.9652	0.1576	0.2201
R8439330260	2	45628	\$	460,900	\$	477,500	1537	7	0.9652	0.1741	0.2202
R6645650180	1	45884	\$	345,600	\$	358,000	2041	7	0.9654	0.5327	0.2208
R2847050005	3	45663	\$	558,000	\$	578,000	2041	7	0.9654	0.1279	0.2210
R5611010150	1	45800	\$	366,900	\$	380,000	26	7	0.9655	0.4664	0.2217
R6114510990	2	45868	\$	473,200	\$	490,000	2041	7	0.9657	0.1358	0.2226
R3482180300	5	45915	\$	1,043,000	\$	1,080,000	2041	7	0.9657	1.6362	0.2227

R7133460140	1	45898	\$	349,700	\$	361,900	26	7	0.9663	0.5199	0.2255
S0909223500	3	45573	\$	579,800	\$	600,000	12	7	0.9663	0.1957	0.2257
R1316730130	1	45838	\$	256,100	\$	265,000	2041	7	0.9664	0.8110	0.2261
R7133460270	2	45588	\$	449,400	\$	465,000	26	7	0.9665	0.2099	0.2263
R7909020193	3	45926	\$	579,800	\$	599,900	2041	7	0.9665	0.1957	0.2265
R2919000150	2	45733	\$	433,000	\$	448,000	2041	7	0.9665	0.2609	0.2266
R5125560233	3	45618	\$	628,200	\$	649,900	2041	7	0.9666	0.3462	0.2271
R5308270390	4	45582	\$	669,900	\$	693,000	2041	7	0.9667	0.4759	0.2274
R8220700160	1	45734	\$	336,400	\$	348,000	2041	7	0.9667	0.5613	0.2274
R2889890270	1	45646	\$	368,800	\$	381,500	2041	7	0.9667	0.4605	0.2276
R5864320580	3	45898	\$	555,800	\$	574,900	2041	7	0.9668	0.1210	0.2279
R7284410100	5	45791	\$	3,142,200	\$	3,250,000	2041	7	0.9668	8.1645	0.2282
R7716750195	1	45653	\$	265,800	\$	274,900	2041	7	0.9669	0.7808	0.2285
R3719750100	1	45826	\$	362,600	\$	375,000	2041	7	0.9669	0.4798	0.2287
R1756000136	3	45594	\$	594,700	\$	615,000	2041	7	0.9670	0.2420	0.2290
R5315000826	1	45902	\$	406,100	\$	419,900	2041	7	0.9671	0.3445	0.2297
MMEDF931403	1	45877	\$	53,200	\$	55,000	65	7	0.9673	1.4420	0.2304
R7334240120	1	45695	\$	367,600	\$	380,000	2041	7	0.9674	0.4643	0.2309
R3260220160	3	45793	\$	599,800	\$	620,000	2041	7	0.9674	0.2579	0.2312
R2782310150	1	45750	\$	404,400	\$	418,000	2041	7	0.9675	0.3498	0.2314
R7100400300	4	45848	\$	716,000	\$	740,000	2041	7	0.9676	0.6192	0.2319
R1955020168	2	45862	\$	466,300	\$	481,900	2041	7	0.9676	0.1573	0.2322
R8222740070	2	45644	\$	416,100	\$	430,000	1537	7	0.9677	0.3134	0.2324
R2847260110	3	45665	\$	578,300	\$	597,500	1537	7	0.9679	0.1910	0.2334
R0031710360	4	45882	\$	889,600	\$	919,000	2041	7	0.9680	1.1591	0.2341
R2928150200	1	45846	\$	372,700	\$	385,000	2041	7	0.9681	0.4484	0.2343
R0356001383	1	45692	\$	376,700	\$	389,000	2041	7	0.9684	0.4360	0.2360
R0541500650	3	45569	\$	508,400	\$	525,000	2041	7	0.9684	0.0264	0.2360
R4758200060	3	45925	\$	508,400	\$	525,000	2041	7	0.9684	0.0264	0.2360
R8048690580	3	45566	\$	581,600	\$	600,500	2041	7	0.9685	0.2013	0.2367
R7326780215	3	45845	\$	580,200	\$	599,000	2041	7	0.9686	0.1969	0.2371
R5756500010	2	45684	\$	435,900	\$	450,000	2041	7	0.9687	0.2518	0.2374
R4622000040	1	45737	\$	342,000	\$	353,000	2041	7	0.9688	0.5439	0.2383
R7997000720	5	45876	\$	920,600	\$	950,000	2041	7	0.9691	1.2555	0.2393
R8181900070	1	45856	\$	357,600	\$	369,000	2041	7	0.9691	0.4954	0.2396
R7192000060	2	45909	\$	489,400	\$	505,000	2041	7	0.9691	0.0855	0.2396
R9227500775	4	45615	\$	678,400	\$	700,000	2041	7	0.9691	0.5023	0.2398
R8499240040	1	45742	\$	247,200	\$	255,000	26	7	0.9694	0.8387	0.2411
R3388000041	3	45782	\$	571,000	\$	589,000	2041	7	0.9694	0.1683	0.2413
R2037750040	4	45649	\$	775,600	\$	799,999	2041	7	0.9695	0.8046	0.2416
R3482160670	5	45800	\$	1,396,700	\$	1,440,000	2041	7	0.9699	2.7361	0.2437
R7777800181	3	45818	\$	616,000	\$	635,000	2041	7	0.9701	0.3082	0.2445
R6637250980	1	45806	\$	378,400	\$	390,000	2041	7	0.9703	0.4307	0.2454
R4930150030	1	45772	\$	402,700	\$	415,000	2041	7	0.9704	0.3551	0.2459

R5136870260	2	45709	\$	417,300	\$	429,999	2041	7	0.9705	0.3097	0.2464
R0998750060	2	45793	\$	427,000	\$	439,900	2041	7	0.9707	0.2795	0.2475
R0812971040	2	45597	\$	427,100	\$	440,000	2041	7	0.9707	0.2792	0.2475
R7074530220	2	45828	\$	485,400	\$	500,000	2041	7	0.9708	0.0979	0.2481
R1955010946	3	45890	\$	606,800	\$	625,000	2041	7	0.9709	0.2796	0.2485
R1955010215	1	45601	\$	373,800	\$	385,000	2041	7	0.9709	0.4450	0.2487
R1126002615	5	45922	\$	934,200	\$	962,175	2041	7	0.9709	1.2978	0.2487
R5504620590	1	45645	\$	388,400	\$	400,000	2041	7	0.9710	0.3996	0.2491
R5731000035	2	45653	\$	412,700	\$	425,000	2041	7	0.9711	0.3240	0.2494
R8583760430	1	45657	\$	500,100	\$	515,000	2041	7	0.9711	0.0522	0.2495
R4221320300	3	45567	\$	524,400	\$	540,000	1537	7	0.9711	0.0234	0.2497
R3638350215	1	45741	\$	339,900	\$	350,000	2041	7	0.9711	0.5504	0.2498
R1184000210	2	45741	\$	441,900	\$	455,000	2041	7	0.9712	0.2332	0.2502
R2847280050	3	45597	\$	534,200	\$	550,000	1537	7	0.9713	0.0539	0.2505
R3610190400	4	45736	\$	728,600	\$	750,000	1537	7	0.9715	0.6584	0.2515
R5125720020	4	45691	\$	753,000	\$	775,000	2041	7	0.9716	0.7343	0.2522
R8059160040	5	45646	\$	947,400	\$	975,000	26	7	0.9717	1.3389	0.2526
R0326000040	1	45649	\$	398,400	\$	410,000	2041	7	0.9717	0.3685	0.2527
R3616590118	5	45567	\$	1,333,700	\$	1,372,500	2041	7	0.9717	2.5402	0.2528
R1277200090	2	45569	\$	437,300	\$	450,000	2041	7	0.9718	0.2475	0.2530
R5159320160	4	45800	\$	704,600	\$	725,000	2041	7	0.9719	0.5838	0.2534
R3482150875	3	45824	\$	636,600	\$	655,000	2041	7	0.9719	0.3723	0.2537
R9255000370	3	45629	\$	510,300	\$	525,000	2041	7	0.9720	0.0205	0.2541
R3582500050	1	45834	\$	354,700	\$	364,900	2041	7	0.9720	0.5044	0.2544
R9511370200	2	45611	\$	491,000	\$	505,000	2041	7	0.9723	0.0805	0.2555
R7909960100	2	45925	\$	437,600	\$	450,000	2041	7	0.9724	0.2466	0.2564
R7100700370	2	45841	\$	437,700	\$	450,000	2041	7	0.9727	0.2462	0.2575
R7475800250	3	45799	\$	606,200	\$	623,200	26	7	0.9727	0.2778	0.2577
R6206410210	1	45807	\$	374,500	\$	385,000	2041	7	0.9727	0.4428	0.2578
R8499230180	1	45911	\$	243,200	\$	250,000	26	7	0.9728	0.8511	0.2581
R2024303480	1	45910	\$	297,700	\$	306,000	2041	7	0.9729	0.6816	0.2585
R5610000010	1	45625	\$	360,000	\$	369,999	2041	7	0.9730	0.4879	0.2590
R1580260060	1	45644	\$	364,900	\$	375,000	2041	7	0.9731	0.4726	0.2595
R1160210300	5	45596	\$	1,070,700	\$	1,100,000	20	7	0.9734	1.7223	0.2610
R3610191140	4	45786	\$	702,900	\$	721,900	1537	7	0.9737	0.5785	0.2626
MMARL722405	1	45726	\$	92,500	\$	95,000	65	7	0.9737	1.3198	0.2626
R7133460620	1	45757	\$	388,500	\$	399,000	26	7	0.9737	0.3993	0.2626
R5211700170	2	45694	\$	419,200	\$	430,500	2041	7	0.9738	0.3038	0.2629
R1542500150	1	45695	\$	340,900	\$	350,000	2041	7	0.9740	0.5473	0.2642
R5125650100	4	45744	\$	678,400	\$	696,250	2041	7	0.9744	0.5023	0.2660
R7909010270	3	45917	\$	613,900	\$	630,000	2041	7	0.9744	0.3017	0.2664
R7335540580	1	45762	\$	360,600	\$	370,000	2041	7	0.9746	0.4860	0.2671
R3719170045	1	45686	\$	380,000	\$	389,900	2041	7	0.9746	0.4257	0.2672
R3616250175	4	45905	\$	660,800	\$	678,000	2041	7	0.9746	0.4476	0.2673

R1882080050	1	45820	\$	361,600	\$	371,000	2041	7	0.9747	0.4829	0.2675
R8048240070	2	45869	\$	458,100	\$	470,000	1537	7	0.9747	0.1828	0.2676
R1294370110	3	45622	\$	545,900	\$	560,000	2041	7	0.9748	0.0902	0.2683
R3856000370	3	45854	\$	602,500	\$	618,000	2041	7	0.9749	0.2663	0.2688
R6042350480	4	45854	\$	702,000	\$	720,000	1537	7	0.9750	0.5757	0.2692
R1132250440	5	45827	\$	961,400	\$	986,000	2041	7	0.9751	1.3824	0.2694
R3812720050	5	45917	\$	926,600	\$	950,000	2041	7	0.9754	1.2742	0.2710
R3369410200	3	45576	\$	535,500	\$	549,000	20	7	0.9754	0.0579	0.2712
R7909990160	3	45869	\$	634,100	\$	650,000	2041	7	0.9755	0.3645	0.2719
R6042340020	4	45782	\$	687,900	\$	705,000	1537	7	0.9757	0.5318	0.2729
R2039100105	3	45638	\$	546,600	\$	560,000	2041	7	0.9761	0.0924	0.2745
R1525700400	1	45873	\$	351,400	\$	360,000	2041	7	0.9761	0.5146	0.2747
R8980010378	5	45868	\$	1,361,700	\$	1,395,000	2041	7	0.9761	2.6273	0.2748
R1306030020	5	45611	\$	2,928,500	\$	3,000,000	2041	7	0.9762	7.4999	0.2750
R9517350110	1	45754	\$	331,900	\$	340,000	2041	7	0.9762	0.5753	0.2751
S1011131460	5	45670	\$	1,433,200	\$	1,468,000	2041	7	0.9763	2.8496	0.2757
R3543340060	1	45716	\$	305,100	\$	312,500	2041	7	0.9763	0.6586	0.2758
R5646010110	1	45930	\$	356,400	\$	365,000	2041	7	0.9764	0.4991	0.2764
R4737640100	2	45796	\$	434,600	\$	445,000	2041	7	0.9766	0.2559	0.2773
R2361000101	1	45848	\$	394,600	\$	404,000	2041	7	0.9767	0.3803	0.2779
R8222630760	4	45740	\$	659,200	\$	674,900	2041	7	0.9767	0.4426	0.2779
R4880650070	5	45635	\$	945,600	\$	968,000	2041	7	0.9769	1.3333	0.2785
R8521440610	3	45567	\$	508,000	\$	519,900	2041	7	0.9771	0.0276	0.2798
R6026000010	3	45596	\$	517,900	\$	530,000	2041	7	0.9772	0.0032	0.2801
R6120402940	3	45877	\$	585,400	\$	599,000	2041	7	0.9773	0.2131	0.2807
R7335540130	3	45737	\$	537,600	\$	550,000	2041	7	0.9775	0.0644	0.2815
S0629120615	3	45919	\$	513,300	\$	525,000	2041	7	0.9777	0.0111	0.2828
R6284140340	2	45691	\$	430,100	\$	439,900	2041	7	0.9777	0.2699	0.2828
R1952000118	2	45813	\$	410,700	\$	420,000	2041	7	0.9779	0.3302	0.2835
R3610160550	4	45905	\$	732,500	\$	749,000	1537	7	0.9780	0.6705	0.2841
R1278950035	3	45925	\$	524,200	\$	536,000	2041	7	0.9780	0.0228	0.2841
R6121310085	5	45777	\$	1,515,900	\$	1,550,000	2041	7	0.9780	3.1068	0.2842
R8123002357	2	45895	\$	418,100	\$	427,500	2041	7	0.9780	0.3072	0.2843
R0962130230	1	45902	\$	352,000	\$	359,900	2041	7	0.9780	0.5128	0.2845
R9227500050	3	45687	\$	621,100	\$	635,000	2041	7	0.9781	0.3241	0.2848
R0963530140	1	45736	\$	384,000	\$	392,500	2041	7	0.9783	0.4132	0.2859
R5130002053	1	45887	\$	313,100	\$	320,000	2041	7	0.9784	0.6337	0.2864
R8048670060	3	45894	\$	572,400	\$	585,000	2041	7	0.9785	0.1727	0.2865
R8180960030	2	45733	\$	496,100	\$	507,000	2041	7	0.9785	0.0646	0.2867
R9322150140	2	45852	\$	464,800	\$	475,000	2041	7	0.9785	0.1620	0.2869
R7074530020	3	45637	\$	552,900	\$	565,000	2041	7	0.9786	0.1120	0.2871
R5125720140	4	45861	\$	866,200	\$	885,000	2041	7	0.9788	1.0863	0.2880
R7463160360	1	45575	\$	257,500	\$	263,000	26	7	0.9791	0.8067	0.2897
R2734250400	3	45720	\$	648,300	\$	662,000	2041	7	0.9793	0.4087	0.2908

R1608740940	2	45604	\$	435,900	\$	444,990	2041	7	0.9796	0.2518	0.2921
S1122417284	2	45915	\$	480,000	\$	490,000	2041	7	0.9796	0.1147	0.2922
R2734250220	2	45740	\$	489,700	\$	499,900	2041	7	0.9796	0.0845	0.2922
S1024141851	1	45713	\$	293,900	\$	300,000	20	7	0.9797	0.6935	0.2926
R8048570050	4	45635	\$	808,300	\$	825,000	1537	7	0.9798	0.9063	0.2930
R1574000080	2	45714	\$	428,200	\$	437,000	2041	7	0.9799	0.2758	0.2936
R9161000020	2	45638	\$	425,300	\$	434,000	2041	7	0.9800	0.2848	0.2940
R2919000040	1	45813	\$	377,300	\$	385,000	2041	7	0.9800	0.4341	0.2942
R3610310160	3	45596	\$	645,900	\$	659,000	1537	7	0.9801	0.4012	0.2949
R8222740230	4	45608	\$	710,600	\$	725,000	1537	7	0.9801	0.6024	0.2949
S0633142040	3	45757	\$	636,200	\$	649,000	2041	7	0.9803	0.3711	0.2956
R1952000022	2	45580	\$	452,900	\$	462,000	2041	7	0.9803	0.1990	0.2958
R7909000400	3	45923	\$	563,700	\$	575,000	2041	7	0.9803	0.1456	0.2960
R3856001905	4	45919	\$	1,201,000	\$	1,225,000	2041	7	0.9804	2.1275	0.2963
R7570660090	1	45912	\$	332,400	\$	339,000	2041	7	0.9805	0.5737	0.2969
R5455010220	2	45918	\$	490,300	\$	500,000	2041	7	0.9806	0.0827	0.2973
R8813650140	1	45693	\$	367,800	\$	375,000	2041	7	0.9808	0.4636	0.2983
R1525740460	3	45637	\$	578,700	\$	590,000	2041	7	0.9808	0.1922	0.2985
S0632110142	2	45702	\$	461,000	\$	470,000	2041	7	0.9809	0.1738	0.2985
R6026040080	4	45622	\$	716,100	\$	730,000	2041	7	0.9810	0.6195	0.2991
R1608720086	5	45798	\$	1,020,300	\$	1,040,000	2041	7	0.9811	1.5656	0.2996
R6901160060	1	45586	\$	274,700	\$	280,000	2041	7	0.9811	0.7532	0.2996
R2024320455	2	45692	\$	459,200	\$	468,000	2041	7	0.9812	0.1794	0.3003
R2734250325	3	45826	\$	652,500	\$	665,000	2041	7	0.9812	0.4218	0.3003
R0512670100	4	45590	\$	770,200	\$	784,900	2041	7	0.9813	0.7878	0.3006
R7923290040	1	45910	\$	392,600	\$	400,000	2041	7	0.9815	0.3865	0.3018
R3616640100	5	45618	\$	1,079,700	\$	1,100,000	2041	7	0.9815	1.7503	0.3020
R6042340180	4	45804	\$	687,100	\$	700,000	1537	7	0.9816	0.5294	0.3021
R6901200030	4	45618	\$	726,400	\$	740,000	2041	7	0.9816	0.6516	0.3024
R1525720930	2	45600	\$	422,000	\$	429,900	2041	7	0.9816	0.2951	0.3024
R5299000869	4	45881	\$	785,300	\$	800,000	2041	7	0.9816	0.8348	0.3024
R5139170200	3	45602	\$	638,000	\$	649,900	2041	7	0.9817	0.3767	0.3027
R5139170220	3	45597	\$	638,000	\$	649,900	2041	7	0.9817	0.3767	0.3027
R5139170260	3	45590	\$	638,000	\$	649,900	2041	7	0.9817	0.3767	0.3027
R0027100035	1	45590	\$	358,400	\$	365,000	2041	7	0.9819	0.4929	0.3039
R8112004997	4	45881	\$	876,900	\$	893,000	2041	7	0.9820	1.1196	0.3041
R7475800220	2	45777	\$	441,900	\$	450,000	26	7	0.9820	0.2332	0.3043
R2734250330	3	45799	\$	535,200	\$	545,000	2041	7	0.9820	0.0570	0.3044
R0811500040	2	45812	\$	500,900	\$	510,000	2041	7	0.9822	0.0497	0.3051
R0310260720	2	45733	\$	427,400	\$	435,000	2041	7	0.9825	0.2783	0.3069
R4221320080	1	45574	\$	388,100	\$	395,000	1537	7	0.9825	0.4005	0.3069
R5098230060	3	45793	\$	624,000	\$	635,000	2041	7	0.9827	0.3331	0.3077
R1607690570	2	45897	\$	505,100	\$	514,000	1537	7	0.9827	0.0366	0.3077
R7997020146	2	45616	\$	461,900	\$	470,000	2041	7	0.9828	0.1710	0.3081

R0364170095	1	45566	\$	388,200	\$	395,000	2041	7	0.9828	0.4002	0.3082
R1358810080	2	45723	\$	457,000	\$	465,000	2041	7	0.9828	0.1862	0.3083
R9529210053	4	45573	\$	834,400	\$	849,000	2041	7	0.9828	0.9874	0.3083
R8470640120	3	45720	\$	624,600	\$	635,500	2041	7	0.9828	0.3350	0.3085
R5504620050	1	45869	\$	363,700	\$	370,000	2041	7	0.9830	0.4764	0.3092
R5125650130	3	45665	\$	609,500	\$	620,000	2041	7	0.9831	0.2880	0.3096
R6042401620	4	45891	\$	688,200	\$	700,000	1537	7	0.9831	0.5328	0.3100
R7476390210	3	45791	\$	569,300	\$	579,000	2041	7	0.9832	0.1630	0.3105
R1580710160	3	45636	\$	531,000	\$	540,000	2041	7	0.9833	0.0439	0.3110
R7133460490	2	45763	\$	472,000	\$	480,000	26	7	0.9833	0.1396	0.3110
R2733070185	2	45845	\$	447,500	\$	455,000	2041	7	0.9835	0.2158	0.3119
R3729000060	2	45688	\$	491,800	\$	500,000	2041	7	0.9836	0.0780	0.3123
R0141340040	3	45596	\$	531,100	\$	539,900	26	7	0.9837	0.0442	0.3128
MLAKE781801	1	45930	\$	42,800	\$	43,500	65	7	0.9839	1.4743	0.3138
R9227710030	3	45666	\$	560,900	\$	570,000	2041	7	0.9840	0.1369	0.3145
R3610151220	4	45721	\$	666,100	\$	676,855	1537	7	0.9841	0.4641	0.3149
R0812970900	2	45576	\$	436,000	\$	442,990	2041	7	0.9842	0.2515	0.3154
R1608250205	2	45643	\$	482,300	\$	490,000	2041	7	0.9843	0.1075	0.3157
R8763270732	4	45930	\$	733,300	\$	745,000	2041	7	0.9843	0.6730	0.3158
R0416210180	1	45709	\$	999,200	\$	1,015,000	26	7	0.9844	1.5000	0.3165
R0830140440	2	45575	\$	433,200	\$	440,000	2041	7	0.9845	0.2602	0.3170
R1719560250	4	45748	\$	765,100	\$	777,000	2041	7	0.9847	0.7719	0.3177
R7284760260	5	45646	\$	1,083,300	\$	1,100,000	2041	7	0.9848	1.7615	0.3184
R1071200130	1	45614	\$	403,700	\$	409,900	2041	7	0.9849	0.3520	0.3187
R6042370940	4	45839	\$	711,700	\$	722,500	1537	7	0.9851	0.6059	0.3196
R1719520440	4	45777	\$	787,100	\$	799,000	2041	7	0.9851	0.8403	0.3199
R6120500100	4	45656	\$	832,600	\$	845,000	2041	7	0.9853	0.9818	0.3210
R5611010070	1	45855	\$	399,100	\$	405,000	26	7	0.9854	0.3663	0.3215
R5952510030	1	45705	\$	300,600	\$	305,000	2041	7	0.9856	0.6726	0.3222
R7909960380	2	45630	\$	473,100	\$	480,000	2041	7	0.9856	0.1362	0.3225
R1525710240	1	45723	\$	399,200	\$	405,000	2041	7	0.9857	0.3660	0.3227
R7406000245	3	45820	\$	650,600	\$	660,000	2041	7	0.9858	0.4158	0.3231
R1719520340	4	45877	\$	803,500	\$	815,000	2041	7	0.9859	0.8914	0.3238
R2039100765	2	45905	\$	468,300	\$	475,000	2041	7	0.9859	0.1511	0.3238
R6121320085	4	45846	\$	813,400	\$	825,000	2041	7	0.9859	0.9221	0.3240
R4221320565	1	45629	\$	403,300	\$	409,000	1537	7	0.9861	0.3532	0.3247
R8220140020	3	45909	\$	600,700	\$	609,000	2041	7	0.9864	0.2607	0.3262
R6120050190	1	45618	\$	389,700	\$	395,000	2041	7	0.9866	0.3955	0.3273
R8499230400	1	45863	\$	243,200	\$	246,500	26	7	0.9866	0.8511	0.3274
R8103700560	2	45610	\$	419,400	\$	425,000	2041	7	0.9868	0.3032	0.3285
R0539170400	2	45847	\$	468,800	\$	475,000	2041	7	0.9869	0.1495	0.3291
S1011438832	5	45617	\$	1,505,700	\$	1,525,000	2041	7	0.9873	3.0751	0.3311
R0995020060	1	45693	\$	325,900	\$	330,000	2041	7	0.9876	0.5939	0.3322
R1753012200	4	45814	\$	676,500	\$	685,000	2041	7	0.9876	0.4964	0.3323

R2330270190	3	45807	\$	567,900	\$	575,000	2041	7	0.9877	0.1587	0.3326
R5504610870	2	45588	\$	474,100	\$	480,000	2041	7	0.9877	0.1330	0.3329
R1376260050	3	45861	\$	533,300	\$	539,900	2041	7	0.9878	0.0511	0.3332
R8954000260	3	45583	\$	543,300	\$	550,000	20	7	0.9878	0.0822	0.3335
R1955010421	2	45869	\$	410,000	\$	415,000	2041	7	0.9880	0.3324	0.3341
R3193010145	1	45758	\$	200,600	\$	203,000	2048	7	0.9882	0.9836	0.3353
R8048730770	3	45639	\$	593,900	\$	601,000	2041	7	0.9882	0.2395	0.3353
R8123003005	2	45877	\$	448,700	\$	454,000	2041	7	0.9883	0.2120	0.3360
R1237000060	1	45576	\$	331,100	\$	335,000	2041	7	0.9884	0.5778	0.3362
R5457430632	2	45712	\$	479,000	\$	484,500	2041	7	0.9886	0.1178	0.3376
R9539500168	1	45824	\$	357,900	\$	362,000	2041	7	0.9887	0.4944	0.3378
R9227500540	2	45818	\$	484,500	\$	490,000	2041	7	0.9888	0.1007	0.3383
R8222920096	5	45595	\$	1,102,500	\$	1,115,000	1537	7	0.9888	1.8212	0.3383
R0310270300	3	45684	\$	585,400	\$	592,000	2041	7	0.9889	0.2131	0.3386
R7335510345	1	45838	\$	400,600	\$	405,000	2041	7	0.9891	0.3616	0.3401
R3610300195	5	45663	\$	1,132,600	\$	1,145,000	1537	7	0.9892	1.9148	0.3402
R3699000010	4	45869	\$	707,300	\$	715,000	2041	7	0.9892	0.5922	0.3405
R6042370820	4	45862	\$	820,100	\$	828,500	1537	7	0.9899	0.9430	0.3437
R2597530270	1	45744	\$	402,900	\$	407,000	2041	7	0.9899	0.3545	0.3440
R9465800370	1	45880	\$	363,800	\$	367,500	2041	7	0.9899	0.4761	0.3441
R2597530110	2	45757	\$	472,200	\$	477,000	2041	7	0.9899	0.1390	0.3441
R3193020210	1	45758	\$	207,900	\$	210,000	2048	7	0.9900	0.9609	0.3444
R5136890090	2	45583	\$	440,700	\$	445,000	2041	7	0.9903	0.2369	0.3461
R8992000090	1	45623	\$	356,600	\$	360,000	2041	7	0.9906	0.4985	0.3472
R1035130190	4	45763	\$	728,200	\$	735,000	2041	7	0.9907	0.6572	0.3482
R9465250060	1	45597	\$	368,600	\$	372,000	1537	7	0.9909	0.4611	0.3487
R7824180150	3	45772	\$	644,100	\$	650,000	2041	7	0.9909	0.3956	0.3490
R7085510192	1	45925	\$	371,600	\$	375,000	2041	7	0.9909	0.4518	0.3491
R6284120430	1	45824	\$	406,300	\$	410,000	2041	7	0.9910	0.3439	0.3493
R8123001890	3	45833	\$	510,300	\$	514,900	2041	7	0.9911	0.0205	0.3497
R1525570120	2	45576	\$	435,400	\$	439,000	2041	7	0.9918	0.2534	0.3534
R8123003642	2	45609	\$	466,200	\$	470,000	2041	7	0.9919	0.1576	0.3540
R5646010195	2	45700	\$	446,400	\$	450,000	2041	7	0.9920	0.2192	0.3544
R1035140180	5	45587	\$	1,076,400	\$	1,085,000	2041	7	0.9921	1.7400	0.3548
R7100580050	1	45572	\$	302,600	\$	305,000	26	7	0.9921	0.6664	0.3551
R1608740840	2	45569	\$	501,700	\$	505,655	2041	7	0.9922	0.0472	0.3553
R7334190572	3	45904	\$	570,600	\$	575,000	2041	7	0.9923	0.1671	0.3562
R7923250180	2	45882	\$	471,400	\$	475,000	2041	7	0.9924	0.1414	0.3565
R1955010347	4	45629	\$	709,800	\$	715,000	2041	7	0.9927	0.6000	0.3581
R1525570360	1	45800	\$	407,100	\$	410,000	2041	7	0.9929	0.3414	0.3591
R3850200090	2	45806	\$	455,900	\$	459,000	2041	7	0.9932	0.1896	0.3607
R1719760920	4	45866	\$	675,600	\$	680,000	2041	7	0.9935	0.4936	0.3621
R7132150020	1	45586	\$	349,400	\$	351,650	2041	7	0.9936	0.5209	0.3625
R1582250200	2	45922	\$	467,000	\$	470,000	2041	7	0.9936	0.1551	0.3625

R7100450210	3	45741	\$	625,000	\$	629,000	2041	7	0.9936	0.3362	0.3627
R7451250310	2	45859	\$	502,000	\$	505,000	2041	7	0.9941	0.0463	0.3648
R2847290102	3	45681	\$	536,200	\$	539,400	1537	7	0.9941	0.0601	0.3648
R5125290110	2	45925	\$	487,100	\$	490,000	2041	7	0.9941	0.0926	0.3649
R1035190130	4	45807	\$	879,800	\$	885,000	20	7	0.9941	1.1286	0.3651
R7406000965	4	45567	\$	853,100	\$	858,000	2041	7	0.9943	1.0456	0.3659
R0432010130	1	45702	\$	402,700	\$	405,000	2041	7	0.9943	0.3551	0.3661
R1525010390	1	45863	\$	353,000	\$	355,000	2041	7	0.9944	0.5097	0.3663
R7332850245	2	45778	\$	432,700	\$	435,000	2041	7	0.9947	0.2618	0.3680
R1525610410	1	45750	\$	395,900	\$	398,000	2041	7	0.9947	0.3762	0.3681
R1077500150	1	45639	\$	403,800	\$	405,900	2041	7	0.9948	0.3517	0.3686
R0962130060	1	45854	\$	328,300	\$	330,000	2041	7	0.9948	0.5865	0.3687
R1525700370	1	45884	\$	348,200	\$	350,000	2041	7	0.9949	0.5246	0.3688
R2847280225	3	45728	\$	532,400	\$	535,000	1537	7	0.9951	0.0483	0.3702
R6042370900	4	45797	\$	751,400	\$	755,000	1537	7	0.9952	0.7293	0.3706
R1882080060	1	45821	\$	358,300	\$	360,000	2041	7	0.9953	0.4932	0.3709
S0633417760	3	45835	\$	612,100	\$	615,000	2041	7	0.9953	0.2961	0.3709
R9177220010	1	45860	\$	393,200	\$	395,000	2041	7	0.9954	0.3846	0.3717
R3606560080	2	45721	\$	438,000	\$	440,000	2041	7	0.9955	0.2453	0.3718
R8222730025	2	45737	\$	438,000	\$	440,000	2041	7	0.9955	0.2453	0.3718
R7284760210	5	45716	\$	945,700	\$	950,000	2041	7	0.9955	1.3336	0.3719
R3638300370	1	45623	\$	243,900	\$	245,000	2041	7	0.9955	0.8489	0.3720
R2847260175	3	45671	\$	546,600	\$	549,000	1537	7	0.9956	0.0924	0.3726
R0416210100	1	45786	\$	871,400	\$	875,000	26	7	0.9959	1.1025	0.3739
R3958360020	1	45831	\$	586,600	\$	589,000	2041	7	0.9959	0.2168	0.3741
R2391220240	3	45821	\$	513,000	\$	515,000	2041	7	0.9961	0.0121	0.3751
R4737660140	2	45615	\$	448,300	\$	450,000	2041	7	0.9962	0.2133	0.3756
R1794180130	2	45695	\$	436,400	\$	438,000	2041	7	0.9963	0.2503	0.3762
R8316350005	3	45902	\$	538,100	\$	540,000	2041	7	0.9965	0.0660	0.3769
R7988440130	3	45905	\$	646,800	\$	649,000	2041	7	0.9966	0.4040	0.3776
R7958720080	4	45849	\$	677,700	\$	679,900	2026	7	0.9968	0.5001	0.3783
R1071200270	2	45810	\$	428,700	\$	430,000	2041	7	0.9970	0.2742	0.3794
R1376260030	3	45632	\$	533,400	\$	535,000	2041	7	0.9970	0.0514	0.3796
R7406000885	3	45603	\$	577,300	\$	579,000	2041	7	0.9971	0.1879	0.3798
R1237000170	1	45695	\$	340,000	\$	341,000	2041	7	0.9971	0.5501	0.3798
R7074660650	4	45667	\$	772,900	\$	775,000	2041	7	0.9973	0.7962	0.3810
R6744250020	2	45869	\$	483,700	\$	485,000	2041	7	0.9973	0.1032	0.3811
R6877160080	1	45576	\$	339,000	\$	339,900	2026	7	0.9974	0.5532	0.3813
R3219260050	2	45737	\$	498,800	\$	500,000	2041	7	0.9976	0.0562	0.3825
R3674170110	2	45568	\$	430,100	\$	431,000	2041	7	0.9979	0.2699	0.3841
R4997440640	1	45681	\$	299,300	\$	299,900	1546	7	0.9980	0.6767	0.3845
R6793280110	2	45838	\$	409,300	\$	410,000	2041	7	0.9983	0.3346	0.3860
R9351910500	1	45905	\$	584,100	\$	585,000	2041	7	0.9985	0.2090	0.3868
R8222620130	3	45827	\$	624,200	\$	625,000	2041	7	0.9987	0.3337	0.3881

R1376260100	3	45618	\$	529,300	\$	529,900	2041	7	0.9989	0.0386	0.3889
R2892970220	4	45721	\$	807,100	\$	808,000	2041	7	0.9989	0.9025	0.3890
R5125440280	4	45716	\$	889,300	\$	889,900	2041	7	0.9993	1.1582	0.3912
R8222700235	2	45716	\$	464,700	\$	465,000	1537	7	0.9994	0.1623	0.3913
R8103700610	2	45750	\$	414,800	\$	415,000	2041	7	0.9995	0.3175	0.3921
R3482160630	5	45840	\$	1,234,800	\$	1,235,000	2041	7	0.9998	2.2326	0.3937
R5125400060	4	45807	\$	734,900	\$	735,000	2041	7	0.9999	0.6780	0.3939
R2733010040	2	45723	\$	427,000	\$	427,000	2041	7	1.0000	0.2795	0.3946
R3610310360	3	45702	\$	629,900	\$	629,900	1537	7	1.0000	0.3515	0.3946
R5130000205	2	45644	\$	419,000	\$	419,000	2041	7	1.0000	0.3044	0.3946
R5130003100	2	45691	\$	435,000	\$	435,000	2041	7	1.0000	0.2546	0.3946
R7406000640	5	45663	\$	950,000	\$	950,000	2041	7	1.0000	1.3469	0.3946
R9529180246	5	45616	\$	2,100,000	\$	2,100,000	2041	7	1.0000	4.9233	0.3946
R2391230320	3	45740	\$	610,100	\$	610,000	2041	7	1.0002	0.2899	0.3954
R8835340030	1	45656	\$	365,100	\$	365,000	2041	7	1.0003	0.4720	0.3959
R1580920090	2	45637	\$	425,200	\$	425,000	2041	7	1.0005	0.2851	0.3969
R1754001420	3	45702	\$	577,300	\$	577,000	2041	7	1.0005	0.1879	0.3972
R1625750040	1	45645	\$	245,200	\$	245,000	26	7	1.0008	0.8449	0.3986
R4737710180	2	45750	\$	470,400	\$	470,000	2041	7	1.0009	0.1446	0.3988
R3482210060	3	45884	\$	655,700	\$	655,000	2041	7	1.0011	0.4317	0.3999
R2336002285	3	45908	\$	540,600	\$	540,000	2041	7	1.0011	0.0738	0.4001
R1805760010	1	45667	\$	329,500	\$	329,000	2041	7	1.0015	0.5827	0.4022
R7335580245	3	45645	\$	510,800	\$	510,000	2041	7	1.0016	0.0189	0.4024
R7198240030	4	45902	\$	831,400	\$	830,000	2041	7	1.0017	0.9781	0.4030
MBROF992401	1	45632	\$	116,200	\$	116,000	65	7	1.0017	1.2461	0.4032
R9351910240	1	45831	\$	566,900	\$	565,900	2041	7	1.0018	0.1555	0.4034
R5793120030	2	45568	\$	418,400	\$	417,535	2041	7	1.0021	0.3063	0.4049
R7084240040	2	45580	\$	430,900	\$	430,000	2041	7	1.0021	0.2674	0.4050
R1281000100	4	45691	\$	826,900	\$	825,000	2041	7	1.0023	0.9641	0.4061
R1754001696	3	45772	\$	538,800	\$	537,500	2041	7	1.0024	0.0682	0.4067
R7777782085	1	45702	\$	365,900	\$	365,000	2041	7	1.0025	0.4695	0.4069
R8315260060	1	45930	\$	401,000	\$	400,000	2041	7	1.0025	0.3604	0.4071
R0998750410	3	45574	\$	560,500	\$	559,000	2041	7	1.0027	0.1356	0.4080
R0541500840	3	45639	\$	531,500	\$	530,000	2041	7	1.0028	0.0455	0.4087
R2330270100	2	45646	\$	441,300	\$	440,000	2041	7	1.0030	0.2351	0.4094
R3610300410	4	45869	\$	676,900	\$	674,900	1537	7	1.0030	0.4976	0.4094
R6120402130	5	45575	\$	1,106,100	\$	1,102,620	2041	7	1.0032	1.8324	0.4104
R5125270130	5	45764	\$	1,349,400	\$	1,345,000	2041	7	1.0033	2.5890	0.4110
R6114510760	3	45708	\$	545,800	\$	544,000	2041	7	1.0033	0.0899	0.4111
R1005710220	1	45854	\$	356,100	\$	354,900	2041	7	1.0034	0.5000	0.4115
R4221320430	2	45569	\$	436,900	\$	435,400	1537	7	1.0034	0.2487	0.4118
R5125600200	4	45709	\$	780,700	\$	778,000	2041	7	1.0035	0.8204	0.4120
R4737700150	3	45666	\$	652,400	\$	650,000	2041	7	1.0037	0.4214	0.4131
R7824180190	3	45884	\$	602,300	\$	600,000	2041	7	1.0038	0.2656	0.4138

R3817020280	1	45596	\$	346,400	\$	345,000	2041	7	1.0041	0.5302	0.4149
R9465800310	1	45869	\$	321,300	\$	320,000	2041	7	1.0041	0.6082	0.4149
R3719250877	1	45799	\$	293,500	\$	292,300	2041	7	1.0041	0.6947	0.4151
S1007244600	2	45588	\$	477,000	\$	475,000	2041	7	1.0042	0.1240	0.4157
R1251250170	1	45580	\$	401,600	\$	399,900	2041	7	1.0043	0.3585	0.4159
R3616720020	5	45590	\$	1,305,700	\$	1,300,000	2041	7	1.0044	2.4531	0.4165
R1719480360	4	45628	\$	767,200	\$	763,725	2041	7	1.0046	0.7785	0.4174
R1955001038	2	45869	\$	441,000	\$	439,000	2041	7	1.0046	0.2360	0.4174
R8037600150	5	45646	\$	1,195,600	\$	1,190,000	2041	7	1.0047	2.1107	0.4182
R5125290010	2	45909	\$	447,100	\$	445,000	2041	7	1.0047	0.2170	0.4182
R7780512050	2	45804	\$	462,200	\$	459,900	2041	7	1.0050	0.1701	0.4196
R6793290185	1	45748	\$	376,900	\$	375,000	2041	7	1.0051	0.4353	0.4200
R3610151140	3	45657	\$	653,700	\$	650,000	1537	7	1.0057	0.4255	0.4231
R3260220140	3	45876	\$	563,300	\$	560,000	2041	7	1.0059	0.1444	0.4241
R5130002003	2	45590	\$	437,500	\$	434,900	2041	7	1.0060	0.2469	0.4245
R9511771180	4	45895	\$	663,900	\$	659,900	2041	7	1.0061	0.4572	0.4249
R2039251395	1	45708	\$	395,400	\$	393,000	2041	7	1.0061	0.3778	0.4252
R1080200140	1	45855	\$	867,900	\$	862,500	2041	7	1.0063	1.0916	0.4259
R2919000832	3	45600	\$	548,500	\$	545,000	2041	7	1.0064	0.0983	0.4268
R3239010600	1	45811	\$	352,400	\$	350,000	2041	7	1.0069	0.5115	0.4289
R7958770330	2	45702	\$	443,300	\$	440,000	26	7	1.0075	0.2288	0.4322
R2825370320	5	45869	\$	962,300	\$	955,000	2041	7	1.0076	1.3852	0.4329
MVAND792402	1	45856	\$	90,700	\$	90,000	65	7	1.0078	1.3254	0.4336
R3610310670	4	45930	\$	670,200	\$	665,000	1537	7	1.0078	0.4768	0.4338
R5130002556	1	45785	\$	347,700	\$	345,000	2041	7	1.0078	0.5261	0.4338
R8521440550	2	45723	\$	494,000	\$	490,000	2041	7	1.0082	0.0712	0.4355
R8281570048	1	45687	\$	398,300	\$	395,000	2041	7	1.0084	0.3688	0.4364
S0633417710	3	45856	\$	516,400	\$	512,000	2041	7	1.0086	0.0015	0.4376
R6888190075	1	45674	\$	387,400	\$	384,000	2041	7	1.0089	0.4027	0.4390
R4769360030	1	45608	\$	353,100	\$	350,000	2041	7	1.0089	0.5093	0.4390
R1146250035	4	45631	\$	706,300	\$	700,000	2041	7	1.0090	0.5891	0.4397
R3610310130	4	45838	\$	671,000	\$	665,000	1537	7	1.0090	0.4793	0.4398
R1608450095	3	45632	\$	655,900	\$	650,000	2041	7	1.0091	0.4323	0.4401
R1952000046	2	45805	\$	418,800	\$	415,000	2041	7	1.0092	0.3050	0.4405
S1023244590	2	45694	\$	428,900	\$	425,000	2041	7	1.0092	0.2736	0.4406
R2940700280	2	45609	\$	428,800	\$	424,900	26	7	1.0092	0.2739	0.4406
R1376420060	2	45890	\$	503,700	\$	499,000	2041	7	1.0094	0.0410	0.4418
R5315001150	3	45631	\$	639,100	\$	633,000	2041	7	1.0096	0.3801	0.4429
R5254000070	4	45819	\$	762,400	\$	755,000	2041	7	1.0098	0.7635	0.4437
S1023212920	2	45679	\$	447,400	\$	443,000	2041	7	1.0099	0.2161	0.4444
R3817020370	2	45587	\$	422,700	\$	418,500	2041	7	1.0100	0.2929	0.4449
R3482190050	3	45778	\$	555,600	\$	550,000	2041	7	1.0102	0.1204	0.4456
R8954000090	3	45908	\$	545,500	\$	539,990	2041	7	1.0102	0.0890	0.4457
R6206560090	4	45912	\$	788,000	\$	780,000	2041	7	1.0103	0.8431	0.4460

MTIMB072701	1	45903	\$	126,300	\$	125,000	65	7	1.0104	1.2147	0.4467
R3616590231	5	45828	\$	985,200	\$	974,999	2041	7	1.0105	1.4564	0.4470
R6983000060	2	45891	\$	423,400	\$	419,000	2041	7	1.0105	0.2907	0.4472
R5032440040	3	45825	\$	573,500	\$	567,500	2041	7	1.0106	0.1761	0.4476
R7195530840	2	45637	\$	449,700	\$	444,990	2041	7	1.0106	0.2089	0.4476
R7696810170	1	45744	\$	362,600	\$	358,800	26	7	1.0106	0.4798	0.4477
R5716000100	1	45596	\$	378,900	\$	374,900	2041	7	1.0107	0.4291	0.4481
R1955000480	3	45779	\$	591,300	\$	585,000	2041	7	1.0108	0.2314	0.4486
R8930000007	1	45742	\$	298,200	\$	295,000	2041	7	1.0108	0.6801	0.4490
R1479000200	3	45883	\$	626,700	\$	619,900	2041	7	1.0110	0.3415	0.4496
R1753011235	1	45716	\$	354,000	\$	350,000	2041	7	1.0114	0.5065	0.4519
R7476270220	3	45587	\$	637,100	\$	629,900	2041	7	1.0114	0.3739	0.4519
R9351910060	1	45880	\$	601,900	\$	595,000	2041	7	1.0116	0.2644	0.4527
R8930000004	2	45653	\$	488,200	\$	482,500	2041	7	1.0118	0.0892	0.4538
R7533320190	2	45875	\$	470,500	\$	465,000	2041	7	1.0118	0.1442	0.4539
R2733020060	3	45868	\$	515,300	\$	509,250	2041	7	1.0119	0.0049	0.4541
R1073800510	4	45705	\$	697,200	\$	689,000	1537	7	1.0119	0.5608	0.4542
R2892970160	4	45884	\$	867,800	\$	857,500	2041	7	1.0120	1.0913	0.4548
R0819650200	2	45800	\$	420,300	\$	415,000	2041	7	1.0128	0.3004	0.4586
R0805750210	1	45898	\$	268,400	\$	265,000	2048	7	1.0128	0.7728	0.4589
R8048560010	4	45576	\$	729,400	\$	720,000	1537	7	1.0131	0.6609	0.4600
R2940700410	1	45897	\$	402,200	\$	397,000	26	7	1.0131	0.3566	0.4602
R4219200495	2	45828	\$	466,200	\$	460,000	2041	7	1.0135	0.1576	0.4621
R6633000286	1	45765	\$	359,800	\$	355,000	2041	7	1.0135	0.4885	0.4624
R0888140320	1	45700	\$	230,600	\$	227,500	26	7	1.0136	0.8903	0.4629
R7824160470	2	45692	\$	495,700	\$	489,000	2041	7	1.0137	0.0659	0.4633
R0812960620	2	45603	\$	441,000	\$	434,990	2041	7	1.0138	0.2360	0.4638
R9465250010	1	45616	\$	344,700	\$	340,000	1537	7	1.0138	0.5355	0.4639
R5125800050	2	45828	\$	496,800	\$	490,000	2041	7	1.0139	0.0625	0.4641
R9086120840	1	45797	\$	349,700	\$	344,900	2041	7	1.0139	0.5199	0.4643
MFLEE192420	1	45700	\$	131,800	\$	129,990	65	7	1.0139	1.1976	0.4644
R4737740170	3	45800	\$	542,500	\$	535,000	2041	7	1.0140	0.0797	0.4649
R1022710390	3	45590	\$	656,400	\$	647,000	1537	7	1.0145	0.4339	0.4674
R8084910030	3	45615	\$	537,800	\$	530,000	2041	7	1.0147	0.0651	0.4684
R0518000650	5	45630	\$	1,171,100	\$	1,153,888	2041	7	1.0149	2.0345	0.4694
R8222910280	2	45595	\$	430,400	\$	424,000	1537	7	1.0151	0.2690	0.4703
R3386000250	2	45586	\$	431,400	\$	424,900	2041	7	1.0153	0.2658	0.4713
R6793290010	1	45610	\$	391,000	\$	385,000	2041	7	1.0156	0.3915	0.4727
R2008000002	3	45733	\$	568,900	\$	560,000	2041	7	1.0159	0.1618	0.4743
R5303270240	2	45800	\$	507,900	\$	499,900	2041	7	1.0160	0.0279	0.4748
R8521440020	1	45904	\$	320,100	\$	315,000	2048	7	1.0162	0.6120	0.4757
R7335550680	2	45628	\$	416,800	\$	410,000	2041	7	1.0166	0.3112	0.4777
R7334180501	2	45821	\$	477,800	\$	470,000	2041	7	1.0166	0.1215	0.4778
R1582270060	2	45581	\$	441,900	\$	434,650	2041	7	1.0167	0.2332	0.4782

R1955000510	1	45863	\$	310,100	\$	305,000	2041	7	1.0167	0.6431	0.4784
R7406310150	1	45727	\$	645,700	\$	635,000	26	7	1.0169	0.4006	0.4791
R1719480150	4	45847	\$	663,200	\$	652,000	2041	7	1.0172	0.4550	0.4807
R8103700220	3	45852	\$	569,800	\$	560,000	2041	7	1.0175	0.1646	0.4823
R5299001080	4	45789	\$	681,900	\$	670,000	2041	7	1.0178	0.5132	0.4836
R3610190670	4	45581	\$	687,100	\$	675,000	1537	7	1.0179	0.5294	0.4845
R1655000060	1	45805	\$	151,100	\$	148,400	2046	7	1.0182	1.1375	0.4858
R9035710130	1	45797	\$	300,000	\$	294,500	2048	7	1.0187	0.6745	0.4882
R1582220240	2	45789	\$	499,200	\$	490,000	2041	7	1.0188	0.0550	0.4887
R0885280070	2	45821	\$	433,100	\$	425,000	2041	7	1.0191	0.2606	0.4901
R3482160240	4	45608	\$	749,500	\$	735,000	2041	7	1.0197	0.7234	0.4935
R3719183605	2	45656	\$	407,900	\$	400,000	2041	7	1.0198	0.3389	0.4936
R9479110030	3	45587	\$	525,200	\$	515,000	2041	7	1.0198	0.0259	0.4939
R1005680100	1	45576	\$	305,900	\$	299,900	26	7	1.0200	0.6561	0.4949
R1721000425	4	45615	\$	729,400	\$	715,000	2041	7	1.0201	0.6609	0.4956
R9227740080	3	45770	\$	617,200	\$	605,000	2041	7	1.0202	0.3120	0.4957
R1342000625	2	45630	\$	448,900	\$	440,000	2041	7	1.0202	0.2114	0.4960
R5125270230	5	45925	\$	1,183,500	\$	1,160,000	2041	7	1.0203	2.0731	0.4961
R2024320235	1	45638	\$	376,600	\$	369,000	2041	7	1.0206	0.4363	0.4978
R8079230170	1	45926	\$	352,300	\$	345,000	2041	7	1.0212	0.5118	0.5007
R0812971000	2	45603	\$	434,000	\$	424,990	2041	7	1.0212	0.2578	0.5009
R3610290350	5	45616	\$	1,083,400	\$	1,060,600	1537	7	1.0215	1.7618	0.5024
R3239500740	1	45638	\$	383,100	\$	374,900	2041	7	1.0219	0.4160	0.5042
R2919020230	1	45709	\$	348,500	\$	341,000	2041	7	1.0220	0.5237	0.5049
R3610291510	3	45856	\$	568,200	\$	555,900	1537	7	1.0221	0.1596	0.5055
R1255000025	2	45847	\$	491,000	\$	480,000	2041	7	1.0229	0.0805	0.5095
R2733020070	2	45723	\$	436,800	\$	427,000	2041	7	1.0230	0.2490	0.5097
R0438250050	5	45582	\$	919,900	\$	899,000	2041	7	1.0232	1.2533	0.5111
R2024250320	1	45590	\$	385,800	\$	377,000	2041	7	1.0233	0.4077	0.5116
R2391220270	2	45826	\$	496,400	\$	485,000	2041	7	1.0235	0.0637	0.5124
R5646030035	1	45730	\$	342,900	\$	335,000	2041	7	1.0236	0.5411	0.5128
MFLEE731415	1	45693	\$	29,700	\$	29,000	65	7	1.0241	1.5151	0.5156
R1798500615	4	45880	\$	719,100	\$	702,000	2041	7	1.0244	0.6289	0.5167
R6043160010	3	45862	\$	614,700	\$	599,900	2041	7	1.0247	0.3042	0.5183
R7406000845	3	45583	\$	597,400	\$	583,000	2041	7	1.0247	0.2504	0.5184
R8499230390	1	45660	\$	243,200	\$	237,000	26	7	1.0262	0.8511	0.5257
R1943002176	3	45673	\$	595,200	\$	580,000	2041	7	1.0262	0.2436	0.5260
R1319600030	1	45918	\$	358,200	\$	349,000	2041	7	1.0264	0.4935	0.5268
R6885610320	3	45698	\$	610,800	\$	595,000	1537	7	1.0266	0.2921	0.5277
R8112003665	3	45743	\$	513,500	\$	500,000	2041	7	1.0270	0.0105	0.5300
R8226710050	3	45590	\$	595,800	\$	580,000	2041	7	1.0272	0.2454	0.5312
MNASH062803	1	45678	\$	220,900	\$	215,000	65	7	1.0274	0.9205	0.5322
R7442000030	1	45799	\$	328,800	\$	320,000	2041	7	1.0275	0.5849	0.5325
R5279760410	2	45719	\$	462,500	\$	450,000	2041	7	1.0278	0.1691	0.5339

R7858020190	1	45653	\$	370,100	\$	360,000	2041	7	1.0281	0.4565	0.5353
R3053000310	3	45771	\$	601,500	\$	585,000	2041	7	1.0282	0.2632	0.5360
R6042350330	3	45637	\$	575,800	\$	560,000	1537	7	1.0282	0.1832	0.5360
R1580800331	5	45807	\$	941,500	\$	915,000	2041	7	1.0290	1.3205	0.5398
R1525800380	4	45611	\$	684,500	\$	665,000	2041	7	1.0293	0.5213	0.5416
R8763270512	4	45828	\$	727,700	\$	706,875	2041	7	1.0295	0.6556	0.5423
R2039251051	5	45674	\$	957,500	\$	930,000	2041	7	1.0296	1.3703	0.5428
R5498700540	1	45880	\$	283,400	\$	275,000	2041	7	1.0305	0.7261	0.5477
R1955001540	3	45828	\$	561,800	\$	545,000	2041	7	1.0308	0.1397	0.5491
R2884060360	4	45728	\$	700,000	\$	679,000	2041	7	1.0309	0.5695	0.5497
R1071140230	2	45609	\$	464,000	\$	449,900	2041	7	1.0313	0.1645	0.5517
R3109112670	1	45855	\$	329,200	\$	319,000	2041	7	1.0320	0.5837	0.5549
R7717170170	1	45820	\$	340,800	\$	330,000	2041	7	1.0327	0.5476	0.5587
R3193020175	1	45631	\$	165,300	\$	160,000	2046	7	1.0331	1.0934	0.5607
R8980000204	3	45744	\$	594,700	\$	575,000	2041	7	1.0343	0.2420	0.5664
S1020131345	3	45758	\$	617,600	\$	597,000	2041	7	1.0345	0.3132	0.5676
R1132250033	4	45884	\$	796,600	\$	770,000	2041	7	1.0345	0.8699	0.5678
R7475850120	3	45910	\$	620,800	\$	600,000	2041	7	1.0347	0.3232	0.5684
R5457430310	3	45646	\$	532,900	\$	515,000	2041	7	1.0348	0.0498	0.5689
R6042371000	4	45611	\$	666,600	\$	644,000	1537	7	1.0351	0.4656	0.5705
R2024370408	3	45768	\$	517,800	\$	500,000	2041	7	1.0356	0.0029	0.5731
R1184000215	2	45754	\$	479,000	\$	462,500	2041	7	1.0357	0.1178	0.5735
S0633233950	1	45747	\$	259,000	\$	250,000	20	7	1.0360	0.8020	0.5751
R2734251300	1	45776	\$	399,100	\$	385,000	2041	7	1.0366	0.3663	0.5782
R8222620200	3	45638	\$	559,800	\$	540,000	2041	7	1.0367	0.1335	0.5784
R3610291360	3	45831	\$	580,600	\$	560,000	1537	7	1.0368	0.1982	0.5790
R0995010190	1	45709	\$	388,800	\$	375,000	2041	7	1.0368	0.3983	0.5791
R7569500176	2	45821	\$	434,800	\$	419,000	2041	7	1.0377	0.2553	0.5837
R8448560010	4	45880	\$	778,300	\$	750,000	2041	7	1.0377	0.8130	0.5838
R4839140070	1	45729	\$	493,000	\$	475,000	2041	7	1.0379	0.0743	0.5846
R2330270160	2	45701	\$	467,300	\$	449,900	2041	7	1.0387	0.1542	0.5885
R3610151694	4	45726	\$	714,600	\$	687,935	1537	7	1.0388	0.6149	0.5889
R2889890260	1	45586	\$	368,800	\$	354,900	2041	7	1.0392	0.4605	0.5910
R2039250650	3	45875	\$	597,600	\$	575,000	2041	7	1.0393	0.2510	0.5917
R0551010040	1	45733	\$	386,900	\$	372,250	2041	7	1.0394	0.4042	0.5919
R1580810100	3	45637	\$	519,700	\$	499,900	2041	7	1.0396	0.0088	0.5932
R5136900460	2	45741	\$	447,100	\$	430,000	2041	7	1.0398	0.2170	0.5940
R1525730830	2	45930	\$	468,000	\$	450,000	2041	7	1.0400	0.1520	0.5952
R5125600360	3	45618	\$	546,200	\$	525,000	2041	7	1.0404	0.0912	0.5971
R7696810220	1	45722	\$	362,000	\$	347,704	26	7	1.0411	0.4817	0.6007
S1002233990	2	45575	\$	489,600	\$	470,000	2041	7	1.0417	0.0848	0.6037
R5350500370	4	45895	\$	671,900	\$	645,000	2041	7	1.0417	0.4821	0.6037
R1754001705	2	45826	\$	416,700	\$	400,000	2041	7	1.0418	0.3116	0.6039
R1029270030	1	45834	\$	401,100	\$	385,000	2041	7	1.0418	0.3601	0.6043

R1035130275	5	45826	\$	921,100	\$	884,000	2041	7	1.0420	1.2571	0.6050
R2336001335	4	45601	\$	891,400	\$	855,000	2041	7	1.0426	1.1647	0.6081
R1523280195	1	45912	\$	390,600	\$	374,500	2041	7	1.0430	0.3927	0.6102
R3610151624	4	45883	\$	701,100	\$	672,000	1537	7	1.0433	0.5729	0.6117
R6042371020	4	45874	\$	725,200	\$	695,000	1537	7	1.0435	0.6478	0.6125
S1018110237	1	45600	\$	385,100	\$	369,000	2041	7	1.0436	0.4098	0.6134
R5130000160	1	45793	\$	355,300	\$	340,000	2041	7	1.0450	0.5025	0.6202
R3616590260	4	45623	\$	888,600	\$	849,900	2041	7	1.0455	1.1560	0.6229
R6633020060	1	45576	\$	340,400	\$	325,500	2041	7	1.0458	0.5488	0.6241
R1955001275	2	45700	\$	465,400	\$	445,000	2041	7	1.0458	0.1601	0.6245
R6991130460	3	45574	\$	653,600	\$	624,900	2041	7	1.0459	0.4252	0.6249
R7334240620	1	45873	\$	381,900	\$	365,000	2041	7	1.0463	0.4198	0.6268
R4671510550	4	45853	\$	758,600	\$	725,000	2041	7	1.0463	0.7517	0.6270
R5646010082	1	45582	\$	376,700	\$	360,000	2041	7	1.0464	0.4360	0.6272
R6042370260	5	45595	\$	1,135,700	\$	1,085,000	1537	7	1.0467	1.9245	0.6289
R2905670410	1	45644	\$	291,100	\$	278,000	2041	7	1.0471	0.7022	0.6309
R0812970940	2	45611	\$	487,000	\$	464,990	2041	7	1.0473	0.0929	0.6319
R9294790110	1	45567	\$	366,800	\$	350,000	2041	7	1.0480	0.4667	0.6353
R1580710095	2	45673	\$	430,000	\$	410,000	2041	7	1.0488	0.2702	0.6392
R8048300190	1	45821	\$	330,400	\$	315,000	2041	7	1.0489	0.5799	0.6397
S0633417590	4	45909	\$	788,800	\$	752,000	2041	7	1.0489	0.8456	0.6400
R7704540160	4	45926	\$	818,400	\$	780,000	2041	7	1.0492	0.9377	0.6414
R3616640010	5	45614	\$	1,038,800	\$	990,000	2041	7	1.0493	1.6231	0.6418
R9227680065	3	45657	\$	630,400	\$	600,000	2041	7	1.0507	0.3530	0.6486
R9206000150	1	45776	\$	225,900	\$	215,000	20	7	1.0507	0.9049	0.6488
R7334240560	1	45604	\$	402,100	\$	382,600	2041	7	1.0510	0.3570	0.6502
R1077500310	2	45863	\$	448,800	\$	427,000	2041	7	1.0511	0.2117	0.6506
R5436140600	5	45861	\$	1,786,900	\$	1,700,000	2041	7	1.0511	3.9496	0.6509
R7198560600	4	45912	\$	743,800	\$	707,500	2041	7	1.0513	0.7057	0.6519
R2391230310	2	45883	\$	473,100	\$	450,000	2041	7	1.0513	0.1362	0.6520
R3856001630	4	45611	\$	883,200	\$	840,000	2041	7	1.0514	1.1392	0.6525
R1719550010	3	45742	\$	641,500	\$	610,000	2041	7	1.0516	0.3875	0.6535
R7334200440	1	45889	\$	200,900	\$	191,000	20	7	1.0518	0.9827	0.6545
R1035200160	5	45877	\$	1,894,700	\$	1,800,000	2041	7	1.0526	4.2849	0.6584
R2940700320	2	45922	\$	410,800	\$	389,900	26	7	1.0536	0.3299	0.6634
R6890030006	2	45782	\$	419,400	\$	398,000	2041	7	1.0538	0.3032	0.6642
R3227290110	1	45755	\$	263,500	\$	250,000	26	7	1.0540	0.7880	0.6654
R8220700332	1	45716	\$	403,000	\$	382,000	2041	7	1.0550	0.3542	0.6702
R7084180012	3	45891	\$	517,500	\$	489,900	2041	7	1.0563	0.0019	0.6771
R3856000680	5	45817	\$	1,054,300	\$	998,000	2041	7	1.0564	1.6713	0.6775
R1525700490	1	45855	\$	343,400	\$	325,000	2041	7	1.0566	0.5395	0.6785
R0819650400	1	45691	\$	406,900	\$	385,000	2041	7	1.0569	0.3420	0.6798
R9374000077	1	45618	\$	345,700	\$	327,000	2041	7	1.0572	0.5324	0.6813
R1656350305	5	45807	\$	1,047,700	\$	990,000	2041	7	1.0583	1.6508	0.6868

R1171000412	4	45576	\$	826,400	\$	780,500	1537	7	1.0588	0.9626	0.6895
R3239170100	1	45919	\$	286,100	\$	270,000	26	7	1.0596	0.7177	0.6936
R7334000075	2	45777	\$	476,900	\$	450,000	2041	7	1.0598	0.1243	0.6943
R5436140300	5	45904	\$	1,272,900	\$	1,200,000	2041	7	1.0608	2.3511	0.6992
R5136860360	2	45594	\$	438,200	\$	413,000	2041	7	1.0610	0.2447	0.7006
R7070200090	3	45814	\$	594,200	\$	560,000	2041	7	1.0611	0.2404	0.7008
R8043250041	3	45750	\$	572,200	\$	539,000	1537	7	1.0616	0.1720	0.7035
R6955000200	1	45869	\$	392,800	\$	370,000	2041	7	1.0616	0.3859	0.7036
R9529180080	5	45898	\$	1,636,100	\$	1,540,000	2041	7	1.0624	3.4806	0.7075
R8373730210	1	45804	\$	700,300	\$	659,000	26	7	1.0627	0.5704	0.7088
R1005710310	1	45912	\$	356,100	\$	335,000	2041	7	1.0630	0.5000	0.7104
R2858000905	2	45576	\$	482,000	\$	453,315	2041	7	1.0633	0.1085	0.7119
R7284390090	5	45904	\$	1,409,100	\$	1,325,000	2041	7	1.0635	2.7747	0.7129
R2734251655	3	45649	\$	585,100	\$	550,000	2041	7	1.0638	0.2121	0.7146
R4432500465	2	45566	\$	500,000	\$	469,900	2041	7	1.0641	0.0525	0.7158
R1943000835	3	45841	\$	574,800	\$	540,000	2041	7	1.0644	0.1801	0.7177
R0719420130	2	45806	\$	430,200	\$	404,000	2041	7	1.0649	0.2696	0.7198
R4950310050	1	45835	\$	359,200	\$	337,250	2041	7	1.0651	0.4904	0.7210
R8499220190	1	45644	\$	346,300	\$	325,000	26	7	1.0655	0.5305	0.7232
R4726000047	4	45807	\$	735,300	\$	690,000	2041	7	1.0657	0.6793	0.7238
R7074530280	2	45733	\$	453,000	\$	425,000	2041	7	1.0659	0.1987	0.7250
R7084360370	1	45580	\$	349,100	\$	327,500	2041	7	1.0660	0.5218	0.7253
R1342100170	2	45889	\$	430,800	\$	404,000	2041	7	1.0663	0.2677	0.7272
R5136840070	2	45821	\$	463,900	\$	435,000	2041	7	1.0664	0.1648	0.7277
R8048690180	3	45567	\$	650,800	\$	609,900	2041	7	1.0671	0.4165	0.7309
R1525010730	1	45693	\$	403,600	\$	378,000	2041	7	1.0677	0.3523	0.7342
R1608460355	3	45919	\$	571,500	\$	535,000	2041	7	1.0682	0.1699	0.7367
R5315004005	2	45667	\$	412,200	\$	385,750	2041	7	1.0686	0.3256	0.7384
R1059500027	2	45596	\$	468,100	\$	438,000	2041	7	1.0687	0.1517	0.7392
R5315080060	2	45629	\$	507,700	\$	475,000	2041	7	1.0688	0.0286	0.7398
R7406000250	3	45820	\$	588,300	\$	550,000	2041	7	1.0696	0.2221	0.7438
R1096160030	3	45618	\$	641,800	\$	599,900	2041	7	1.0698	0.3885	0.7448
R7335460165	1	45747	\$	364,000	\$	340,000	2041	7	1.0706	0.4754	0.7486
R1126002060	4	45817	\$	669,200	\$	625,000	2041	7	1.0707	0.4737	0.7492
R3729750510	5	45707	\$	1,188,600	\$	1,110,000	2041	7	1.0708	2.0890	0.7497
R3610301130	3	45924	\$	621,200	\$	580,000	1537	7	1.0710	0.3244	0.7508
R7335510305	2	45870	\$	445,000	\$	415,000	2041	7	1.0723	0.2235	0.7571
S0629131270	4	45784	\$	697,100	\$	650,000	2041	7	1.0725	0.5605	0.7580
S0628325690	2	45743	\$	427,000	\$	398,000	2041	7	1.0729	0.2795	0.7600
R3746030116	4	45835	\$	794,000	\$	740,000	2041	7	1.0730	0.8618	0.7605
MOAKW992717	1	45595	\$	178,700	\$	166,500	65	7	1.0733	1.0517	0.7620
R9227970290	4	45905	\$	703,000	\$	654,900	2041	7	1.0734	0.5788	0.7629
R7923000035	1	45575	\$	268,300	\$	249,900	20	7	1.0736	0.7731	0.7638
R7406310140	1	45838	\$	832,100	\$	775,000	26	7	1.0737	0.9803	0.7640

R8318270500	1	45653	\$	338,400	\$	315,000	26	7	1.0743	0.5551	0.7671
R3610291450	4	45580	\$	682,700	\$	635,000	1537	7	1.0751	0.5157	0.7713
R1077250068	1	45812	\$	349,600	\$	325,000	1537	7	1.0757	0.5202	0.7742
R7108570125	1	45915	\$	344,300	\$	320,000	2041	7	1.0759	0.5367	0.7754
R2734250315	3	45575	\$	532,700	\$	495,000	2041	7	1.0762	0.0492	0.7765
R1943000796	3	45604	\$	538,300	\$	500,000	2041	7	1.0766	0.0666	0.7787
R6991130520	4	45611	\$	710,600	\$	660,000	2041	7	1.0767	0.6024	0.7790
R9227970380	4	45897	\$	678,300	\$	630,000	2041	7	1.0767	0.5020	0.7790
R1756000360	1	45764	\$	366,100	\$	340,000	2041	7	1.0768	0.4689	0.7795
R3610170190	4	45838	\$	743,100	\$	690,000	1537	7	1.0770	0.7035	0.7805
R3616540035	4	45657	\$	764,900	\$	710,000	2041	7	1.0773	0.7713	0.7823
R2690410120	5	45862	\$	1,454,300	\$	1,349,900	2041	7	1.0773	2.9153	0.7824
R1753001173	2	45716	\$	414,900	\$	385,000	2048	7	1.0777	0.3172	0.7840
R3273500036	2	45572	\$	416,100	\$	385,500	2041	7	1.0794	0.3134	0.7926
R2336500004	2	45911	\$	466,300	\$	432,000	2041	7	1.0794	0.1573	0.7927
R6635500358	2	45596	\$	453,400	\$	420,000	2041	7	1.0795	0.1974	0.7934
R6042401140	5	45869	\$	1,187,600	\$	1,100,000	1537	7	1.0796	2.0859	0.7939
R7406000830	4	45614	\$	762,400	\$	706,000	2041	7	1.0799	0.7635	0.7952
R8059180360	5	45831	\$	1,133,100	\$	1,049,000	26	7	1.0802	1.9164	0.7966
R1393520010	3	45775	\$	642,300	\$	594,000	2041	7	1.0813	0.3900	0.8023
R1580250205	3	45763	\$	594,800	\$	550,000	2041	7	1.0815	0.2423	0.8031
MHILL781413	1	45623	\$	17,200	\$	15,900	46	7	1.0818	1.5540	0.8046
R3157170080	2	45887	\$	438,500	\$	405,000	2041	7	1.0827	0.2438	0.8094
R1029260205	1	45575	\$	389,800	\$	360,000	2041	7	1.0828	0.3952	0.8097
R7084340290	1	45667	\$	346,500	\$	320,000	2041	7	1.0828	0.5299	0.8099
S1002120810	5	45919	\$	1,132,200	\$	1,045,000	2041	7	1.0834	1.9136	0.8130
R1580700185	2	45895	\$	450,000	\$	415,175	2041	7	1.0839	0.2080	0.8152
R4737640410	3	45862	\$	558,300	\$	515,000	2041	7	1.0841	0.1288	0.8162
R5124800400	3	45782	\$	550,600	\$	507,500	2041	7	1.0849	0.1049	0.8205
R6121360092	5	45779	\$	927,800	\$	855,000	2041	7	1.0851	1.2779	0.8216
R3193000140	1	45660	\$	206,200	\$	190,000	2046	7	1.0853	0.9662	0.8222
R6042370100	5	45763	\$	966,600	\$	890,000	1537	7	1.0861	1.3986	0.8262
R7777814460	2	45616	\$	434,500	\$	400,000	2041	7	1.0863	0.2562	0.8271
R3459570020	2	45897	\$	413,200	\$	380,000	2041	7	1.0874	0.3224	0.8327
MBUDD711401	1	45623	\$	16,100	\$	14,800	46	7	1.0878	1.5574	0.8351
R1955001432	3	45868	\$	517,000	\$	475,000	2041	7	1.0884	0.0004	0.8380
R3260170200	3	45663	\$	599,100	\$	550,000	2041	7	1.0893	0.2557	0.8423
R8442250090	2	45621	\$	457,600	\$	420,000	2041	7	1.0895	0.1844	0.8435
R1582250550	3	45834	\$	566,900	\$	520,000	2041	7	1.0902	0.1555	0.8469
S0633233970	1	45747	\$	273,000	\$	250,000	20	7	1.0920	0.7584	0.8559
MCLAY062701	1	45645	\$	180,200	\$	165,000	65	7	1.0921	1.0470	0.8565
R3900700010	4	45917	\$	723,900	\$	662,500	2041	7	1.0927	0.6438	0.8593
R1401520020	2	45868	\$	419,800	\$	384,000	2041	7	1.0932	0.3019	0.8621
R5611010320	2	45814	\$	453,700	\$	415,000	26	7	1.0933	0.1965	0.8622

R8382000855	2	45779	\$	503,300	\$	460,000	2041	7	1.0941	0.0422	0.8666
MGUER762404	1	45915	\$	19,700	\$	18,000	65	7	1.0944	1.5462	0.8682
R8048190110	3	45714	\$	566,500	\$	517,403	1537	7	1.0949	0.1543	0.8704
R5611010260	2	45919	\$	449,000	\$	410,000	26	7	1.0951	0.2111	0.8716
MREDM992301	1	45678	\$	106,900	\$	97,500	65	7	1.0964	1.2750	0.8781
R8275810580	2	45688	\$	504,400	\$	459,900	2041	7	1.0968	0.0388	0.8798
R6042350390	4	45930	\$	668,900	\$	609,000	1537	7	1.0984	0.4728	0.8878
R8378002080	2	45681	\$	425,100	\$	387,000	2041	7	1.0984	0.2854	0.8883
R1029270070	2	45919	\$	503,000	\$	457,400	2041	7	1.0997	0.0432	0.8945
MGUER962703	1	45799	\$	99,000	\$	90,000	65	7	1.1000	1.2996	0.8961
R0512670200	4	45566	\$	770,200	\$	700,000	2041	7	1.1003	0.7878	0.8975
R7334000070	1	45632	\$	283,900	\$	258,000	2041	7	1.1004	0.7245	0.8980
R8048300200	1	45915	\$	330,400	\$	300,000	2041	7	1.1013	0.5799	0.9027
R1779500280	1	45768	\$	385,700	\$	350,000	2041	7	1.1020	0.4080	0.9061
R1539600290	1	45736	\$	302,200	\$	273,900	2048	7	1.1033	0.6676	0.9127
R1955010369	1	45736	\$	406,700	\$	368,000	2041	7	1.1052	0.3427	0.9220
R5646010155	1	45923	\$	315,200	\$	285,000	2041	7	1.1060	0.6272	0.9260
R6641110230	5	45817	\$	1,161,300	\$	1,050,000	2041	7	1.1060	2.0041	0.9261
R2858000709	2	45583	\$	498,000	\$	450,000	2041	7	1.1067	0.0587	0.9295
R5125260340	4	45572	\$	758,200	\$	685,000	2041	7	1.1069	0.7505	0.9305
R5457430090	2	45622	\$	465,100	\$	420,000	2041	7	1.1074	0.1610	0.9331
R7104001140	3	45593	\$	587,000	\$	530,000	2041	7	1.1075	0.2181	0.9339
R7085250115	4	45779	\$	886,300	\$	800,000	20	7	1.1079	1.1488	0.9356
R4303000592	2	45583	\$	411,800	\$	371,000	2041	7	1.1100	0.3268	0.9461
R2114100085	3	45667	\$	582,800	\$	525,000	2041	7	1.1101	0.2050	0.9467
MFLEE061501	1	45852	\$	98,800	\$	89,000	65	7	1.1101	1.3002	0.9468
S1126336005	2	45895	\$	477,400	\$	430,000	1234	7	1.1102	0.1228	0.9474
R1731190170	1	45604	\$	266,400	\$	239,900	26	7	1.1105	0.7790	0.9485
R7777805880	2	45777	\$	425,600	\$	383,000	2041	7	1.1112	0.2839	0.9524
R8103260030	2	45600	\$	434,100	\$	390,000	2041	7	1.1131	0.2574	0.9616
R8303420100	4	45895	\$	727,400	\$	653,500	2041	7	1.1131	0.6547	0.9617
R3650760400	3	45772	\$	556,600	\$	500,000	26	7	1.1132	0.1235	0.9623
R7084340190	1	45608	\$	346,500	\$	311,000	2041	7	1.1141	0.5299	0.9670
R3610150780	5	45820	\$	1,004,600	\$	900,000	1537	7	1.1162	1.5167	0.9774
R1088110440	2	45828	\$	480,800	\$	430,500	2041	7	1.1168	0.1122	0.9805
R9539500045	1	45845	\$	357,600	\$	320,000	2041	7	1.1175	0.4954	0.9838
R1955010300	2	45891	\$	503,200	\$	450,000	2041	7	1.1182	0.0426	0.9874
R1580310705	4	45897	\$	805,600	\$	720,000	2041	7	1.1189	0.8979	0.9908
R0017650030	5	45799	\$	587,500	\$	525,000	2041	7	1.1190	0.2196	0.9916
R1525010380	1	45747	\$	349,800	\$	312,500	2041	7	1.1194	0.5196	0.9932
R2336001465	3	45835	\$	548,600	\$	490,000	2041	7	1.1196	0.0986	0.9943
R3074790020	1	45575	\$	173,000	\$	154,500	20	7	1.1197	1.0694	0.9951
R1582210360	2	45597	\$	454,000	\$	405,000	2041	7	1.1210	0.1956	1.0013
R3482100430	5	45884	\$	1,404,100	\$	1,250,000	2041	7	1.1233	2.7592	1.0128

MFLEE841420	1	45889	\$	56,200	\$	50,000	65	7	1.1240	1.4327	1.0164
R0888140310	1	45919	\$	230,600	\$	205,000	26	7	1.1249	0.8903	1.0208
R1013004955	4	45604	\$	844,300	\$	749,900	2041	7	1.1259	1.0182	1.0259
R3482100420	5	45758	\$	1,561,000	\$	1,385,000	2041	7	1.1271	3.2471	1.0318
R1005710210	1	45917	\$	321,700	\$	285,000	2041	7	1.1288	0.6070	1.0404
R0425540030	1	45674	\$	856,800	\$	759,000	2142	7	1.1289	1.0571	1.0408
MFLEE192718	1	45719	\$	226,200	\$	200,000	65	7	1.1310	0.9040	1.0515
R8037300140	5	45887	\$	1,359,600	\$	1,200,000	2041	7	1.1330	2.6208	1.0616
R7177730140	1	45572	\$	312,700	\$	275,000	2041	7	1.1371	0.6350	1.0821
R8127310150	2	45750	\$	484,700	\$	425,000	2041	7	1.1405	0.1001	1.0990
R1402370040	2	45827	\$	411,700	\$	360,000	2041	7	1.1436	0.3271	1.1148
R9479110050	1	45915	\$	400,500	\$	350,000	2041	7	1.1443	0.3619	1.1182
R9323500450	3	45728	\$	572,500	\$	499,900	2041	7	1.1452	0.1730	1.1229
MBAIN761418	1	45903	\$	17,200	\$	15,000	65	7	1.1467	1.5540	1.1301
O1088420370	1	45873	\$	377,000	\$	328,000	50	7	1.1494	0.4350	1.1438
R3616251290	5	45646	\$	1,843,300	\$	1,600,000	2041	7	1.1521	4.1250	1.1572
R3729750110	4	45916	\$	772,100	\$	669,300	2041	7	1.1536	0.7937	1.1648
R2024320255	1	45902	\$	185,000	\$	160,000	20	7	1.1563	1.0321	1.1782
R4432500418	1	45758	\$	341,700	\$	295,000	2041	7	1.1583	0.5448	1.1885
R3616910010	3	45735	\$	542,000	\$	467,500	2041	7	1.1594	0.0781	1.1937
R6206380390	1	45841	\$	382,700	\$	330,000	2041	7	1.1597	0.4173	1.1954
R5308270060	4	45614	\$	848,100	\$	730,000	2041	7	1.1618	1.0301	1.2059
R7334240270	1	45811	\$	407,200	\$	349,900	2041	7	1.1638	0.3411	1.2158
R3415610220	1	45898	\$	350,200	\$	300,000	2041	7	1.1673	0.5184	1.2337
R1013500080	5	45819	\$	3,984,100	\$	3,400,000	2041	7	1.1718	10.7827	1.2561
R4548530260	2	45618	\$	474,900	\$	405,000	2041	7	1.1726	0.1306	1.2601
R2734000290	1	45855	\$	337,800	\$	285,000	2041	7	1.1853	0.5569	1.3237
R6045250100	2	45807	\$	450,500	\$	380,000	2041	7	1.1855	0.2064	1.3250
R5039000090	2	45751	\$	419,700	\$	353,000	2041	7	1.1890	0.3022	1.3422
MFLEE161301	1	45713	\$	78,500	\$	66,000	65	7	1.1894	1.3633	1.3444
R1281500070	1	45670	\$	373,500	\$	314,000	2041	7	1.1895	0.4459	1.3449
R1105000135	1	45912	\$	383,100	\$	321,210	2041	7	1.1927	0.4160	1.3608
MHILL681250	1	45839	\$	6,000	\$	5,000	65	7	1.2000	1.5888	1.3976
R3610170180	5	45818	\$	926,300	\$	769,000	1537	7	1.2046	1.2732	1.4204
R1580360550	3	45576	\$	578,200	\$	480,000	2041	7	1.2046	0.1907	1.4206
R1310820020	2	45667	\$	489,800	\$	406,000	2041	7	1.2064	0.0842	1.4297
R6793280015	1	45678	\$	392,300	\$	325,000	2041	7	1.2071	0.3874	1.4331
R3616570035	4	45755	\$	762,600	\$	629,900	2041	7	1.2107	0.7642	1.4511
R7704510220	1	45622	\$	396,200	\$	326,500	2041	7	1.2135	0.3753	1.4652
R6793250330	2	45807	\$	412,600	\$	339,500	2041	7	1.2153	0.3243	1.4744
R8222910130	1	45792	\$	378,000	\$	310,750	1537	7	1.2164	0.4319	1.4799
R0523750050	5	45880	\$	1,521,000	\$	1,250,000	2041	7	1.2168	3.1227	1.4818
R9225500220	2	45904	\$	457,600	\$	375,000	2041	7	1.2203	0.1844	1.4992
R5136890220	1	45757	\$	380,300	\$	310,000	2041	7	1.2268	0.4248	1.5318

R7135410023	1	45639	\$	380,500	\$	310,000	2041	7	1.2274	0.4241	1.5351
R1035280130	5	45915	\$	2,094,100	\$	1,700,000	26	7	1.2318	4.9050	1.5572
MCHAM981605	1	45764	\$	83,600	\$	67,800	65	7	1.2330	1.3475	1.5633
R2024301200	1	45911	\$	303,700	\$	245,000	2041	7	1.2396	0.6630	1.5961
R7824350030	1	45598	\$	330,200	\$	265,000	2041	7	1.2460	0.5806	1.6285
R2336001345	3	45756	\$	592,300	\$	475,000	2041	7	1.2469	0.2345	1.6330
R5538912200	5	45721	\$	1,060,100	\$	850,000	2041	7	1.2472	1.6893	1.6342
R5831000050	2	45639	\$	469,700	\$	375,000	2041	7	1.2525	0.1467	1.6610
R7284390050	5	45882	\$	1,284,300	\$	1,000,000	2041	7	1.2843	2.3866	1.8203
R7335540330	3	45887	\$	517,800	\$	401,925	2041	7	1.2883	0.0029	1.8404
R4997770040	2	45924	\$	414,100	\$	320,000	2041	7	1.2941	0.3196	1.8693
O1088420060	1	45841	\$	324,000	\$	250,000	50	7	1.2960	0.5998	1.8790
R1376850160	2	45653	\$	430,300	\$	330,000	2041	7	1.3039	0.2693	1.9188
R1955010311	3	45628	\$	589,100	\$	450,000	2041	7	1.3091	0.2246	1.9448
R6793270210	3	45800	\$	520,600	\$	395,000	2041	7	1.3180	0.0116	1.9892
R1754001985	2	45884	\$	502,300	\$	380,000	2041	7	1.3218	0.0453	2.0086
MWESF821401	1	45744	\$	60,200	\$	44,900	65	7	1.3408	1.4202	2.1035
R9464250235	1	45580	\$	248,600	\$	185,000	26	7	1.3438	0.8343	2.1187
R3046505425	1	45832	\$	292,600	\$	215,000	2041	7	1.3609	0.6975	2.2046
R6983000190	3	45764	\$	516,100	\$	375,000	2041	7	1.3763	0.0024	2.2816
R6045250085	1	45814	\$	380,600	\$	274,500	2041	7	1.3865	0.4238	2.3330
MBROA151601	1	45579	\$	120,700	\$	86,500	65	7	1.3954	1.2321	2.3774
R5983350490	5	45824	\$	1,978,400	\$	1,400,000	2041	7	1.4131	4.5452	2.4665
MSAHA691250	1	45627	\$	7,100	\$	5,000	65	7	1.4200	1.5854	2.5009
R6970110200	3	45776	\$	574,300	\$	399,900	2041	7	1.4361	0.1786	2.5817
S1127142215	1	45678	\$	288,600	\$	200,000	1234	7	1.4430	0.7099	2.6162
R9441000505	1	45896	\$	329,800	\$	226,000	2041	7	1.4593	0.5818	2.6979
MFLEE211401	1	45876	\$	96,200	\$	65,000	65	7	1.4800	1.3083	2.8018
R8048300100	1	45862	\$	340,500	\$	230,000	2041	7	1.4804	0.5485	2.8040
R1580361540	2	45569	\$	447,600	\$	300,000	2041	7	1.4920	0.2155	2.8620
R1035210230	3	45796	\$	602,000	\$	400,000	20	7	1.5050	0.2647	2.9272
MGUER862702	1	45737	\$	64,000	\$	42,000	65	7	1.5238	1.4084	3.0215
MFLEE792407	1	45912	\$	150,200	\$	90,000	65	7	1.6689	1.1403	3.7491
R5315010550	2	45873	\$	503,000	\$	295,000	2041	7	1.7051	0.0432	3.9306
R6010000001	1	45839	\$	351,000	\$	200,000	2041	7	1.7550	0.5159	4.1809
R8980010315	1	45588	\$	250,900	\$	138,500	20	7	1.8116	0.8272	4.4646
R1890000115	1	45861	\$	597,900	\$	325,000	2041	7	1.8397	0.2520	4.6057
S0619120853	4	45845	\$	759,500	\$	400,000	20	7	1.8988	0.7545	4.9019
MCANY831406	1	45897	\$	47,600	\$	25,000	65	7	1.9040	1.4594	4.9282
MMONT812402	1	45737	\$	62,300	\$	30,000	65	7	2.0767	1.4137	5.7941
MSTAR702001	1	45905	\$	73,600	\$	24,900	65	7	2.9558	1.3786	10.2032
MSKYL791403	1	45742	\$	41,300	\$	10,000	65	7	4.1300	1.4790	16.0918
MMAGN671701	1	45844	\$	42,300	\$	9,000	65	7	4.7000	1.4759	18.9504
MMEDF841416	1	45901	\$	47,500	\$	10,000	65	7	4.7500	1.4597	19.2011

MSAND771450 1 45574 \$ 19,800 \$ 4,000 65 7 4.9500 1.5459 20.2041