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MISSOURI PUBLIC SERVICE COMMISSION

FINANCIAL AND BUSINESS ANALYSIS DIVISION

FINANCIAL ANALYSIS DEPARTMENT

REBUTTAL TESTIMONY

OF

RANDALL T. JENNINGS

UNION ELECTRIC COMPANY,

d/b/a Ameren Missouri

CASE NO. EO-2023-0448

Jefferson City, Missouri
November 8, 2024

TABLE OF CONTENTS OF

REBUTTAL TESTIMONY OF

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d/b/a AMEREN MISSOURI

CASE NO. EO-2023-0448

I. Executive Summary 2

II. Nuclear Decommissioning Trust Fund and Decommission Cost 4

III. Funding Adequacy Analysis 9

IV. Stochastic vs. Deterministic Model 15

V. Summary and Conclusions 20

REBUTTAL TESTIMONY

OF

RANDALL T. JENNINGS

UNION ELECTRIC COMPANY,
d/b/a AMEREN MISSOURI

CASE NO. EO-2023-0448

Q. Please state your name and business address.

A. My name is Randall Jennings and my business address is P.O. Box 360, Jefferson City, Missouri 65102.

Q. Who is your employer and what is your present position?

A. I am employed by the Missouri Public Service Commission ("Commission") as a member of the Commission Staff ("Staff"). My current title is Research and Data Analyst for the Tariff and Rate Design Department of the Industry Analysis Division. I was formerly a Senior Utility Regulatory Auditor for the Financial Analysis Department, in the Financial and Business Analysis Division.

Q. Are you the same Randall T. Jennings who submitted a Memorandum in support of Staff's Recommendation filed on June 3, 2024 in this proceeding?

A. Yes, I am

Q. What is the purpose of your rebuttal testimony?

A. The purpose of my rebuttal testimony is to respond to the direct testimony of Mr. Daniel E. Deschler. Mr. Deschler sponsored direct testimony on behalf of Union Electric Company, d/b/a Ameren Missouri ("Ameren Missouri" or "Company") regarding the Company's request involving the 2024 triennial filing of cost estimates for the Callaway Energy

Center ("Callaway") decommissioning and approval of the funding level of the Nuclear Decommissioning Trust Fund ("NDF").

Within this testimony, Staff will address issues related to the determination of Ameren Missouri's amount of annual contribution to the NDF as determined in this proceeding.

The purpose of my rebuttal testimony is to present a brief history of previous decommission filings from Ameren Missouri regarding Callaway and Staff's interpretation of the results provided by Ameren Missouri in the current proceeding.

I. Executive Summary

Q. What is the overview of your response to the testimony of Mr. Deschler?

A. Staff's rebuttal will focus on the direct testimony of Mr. Deschler regarding the Company's request to maintain the current annual contribution level of $6,758,605 to the NDF.[1] Mr. Deschler proposed that a funding adequacy model from Willis Towers Watson ("WTW"), using 5,000 stochastic modeling scenarios and utilizing varying amounts for multiple variables, supports Ameren Missouri recommending the continuation of the current annual contribution amount of $6,758,605 to its NDF.[2]

Mr. Deschler proposed that the WTW model results indicated that the continuation of the current annual contribution amount would result in a 67% probability of having sufficient funds available to decommission Callaway.[3]

During the review process, Staff did not perform an analysis of the cost to decommission Callaway. Staff does not have the data necessary to either support or challenge the cost estimate

[1] Page 2, Lines 7-10, Deschler Direct Testimony.
[2] Page 12, Lines 9-15, Deschler Direct Testimony.
[3] Page 12, Lines 11-12, Deschler Direct Testimony.

to decommission Callaway, but Staff did not find any evidence that the Commission should reject the estimated decommission cost from TLG Services, Inc. ("TLG") and presented by Ameren Missouri.

Staff did not perform an analysis of the current annual contribution cost estimate to determine its validity. Staff was unable to obtain a copy of the WTW model to replicate or verify the results as presented by Ameren Missouri. Due to the model, and the information used therein, being proprietary property of WTW, Ameren Missouri claims that it lacks the authority to share the model with Staff.[4] As a result, Staff cannot verify whether, as per § 393.292, RSMo, "the amounts collected from ratepayers and paid into such trust funds will be neither greater nor lesser than the amounts necessary to carry out the purposes of the trusts."

Staff has submitted a request to the Company to have a representative from WTW meet with Staff at the Company's Jefferson City office so that Staff can access the stochastic model. Discussions for such a meeting are ongoing.

Q. What are the specific areas in which Staff disagrees with Mr. Deschler's analysis and conclusions?

A. Staff disagrees with Mr. Deschler's claims that (1) the current annual funding level is reasonable and consistent with the mandate that the trust should only collect funds necessary and adequate to decommission Callaway, and (2) that the stochastic model demonstrates that the current annual funding level will result in the Nuclear Decommissioning Trust Fund having a balance neither greater nor lesser than the amount necessary to carry out the purposes of the fund.[5]

[4] Staff Data Requests No. 0001, 0013, 0013.1, 0013.2, 0021, 0021.1, and 0023.2.
[5] Page 16, Lines 6-10, Deschler Direct Testimony.

II. Nuclear Decommissioning Trust Fund and Decommission Cost

Q. What is a Nuclear Decommissioning Trust Fund ("NDF")?

A. Under federal law, the U.S. Nuclear Regulatory Commission ("NRC") establishes minimum amounts necessary for licensees to provide reasonable assurance that funds will be available for the decommissioning process.[6] However, federal regulations also provide that "Funding for the decommissioning of power reactors may also be subject to the regulation of Federal or State Government agencies (e.g., the Federal Energy Regulatory Commission ("FERC") and State Public Utility Commissions) that have jurisdiction over rate regulations."[7] The NRC's federal regulations are in addition to, and not a substitution for, other requirements, and are not intended to be used by themselves or by other agencies to establish rates.[8]

Q. How does the NRC define the term "decommission"?

A. The NRC defines the term "decommission" as follows in 10 C.F.R. §50.2 and limits decommissioning to the radiological part of the facility:

> Decommission means to remove (as a facility) safely from service and reduce residual radioactivity to a level that permits release of the property for unstructured use and termination of license.

Q. How does the Commission define the term "decommission"?

A. This Commission defines "decommissioning" and "decommissioning costs" as follows under Commission Rule 20 CSR 4240-20.070:

> (1) As used in this rule, decommissioning means those activities undertaken in connection with a nuclear generating unit's retirement from service to ensure that the final removal, disposal, entombment or other disposition of the unit and of any radioactive components and

[6] 10 CFR 50.75(a) (2022); § 50.75 Reporting And Recordkeeping For Decommissioning Planning. | NRC.gov.
[7] Ibid.
[8] Ibid.

> materials associated with the unit, are accomplished in compliance with all applicable laws, and to ensure that the final disposition does not pose any undue threat to the public health and safety. Decommissioning includes the removal and disposal of the structures, systems and components of a nuclear generating unit at the time of decommissioning.
>
> (2) As used in this rule, decommissioning costs means all reasonable costs and expenses incurred in connection with decommissioning, including all expenses to be incurred in connection with the preparation for decommissioning, including, but not limited to, engineering and other planning expenses; and to be incurred after the actual decommissioning occurs, including, but not limited to, physical security and radiation monitoring expenses, less proceeds of insurance, salvage or resale of machinery, construction equipment or apparatus the cost of which was charged as a decommissioning expense.

In addition, 20 CSR 4240-20.070(4) establishes the frequency of filings with the Commission of information regarding the decommissioning trust fund, stating in pertinent part:

> Every three (3) years, utilities with decommissioning trust funds shall perform and file with the commission cost studies detailing the utilities' latest cost estimates for decommissioning their nuclear generating unit(s) along with the funding levels necessary to defray these decommissioning costs. These studies shall be filed along with appropriate tariff(s) effectuating the change in rates necessary to accomplish the funding required. In addition, the commission, at any time for just cause, may require a utility to file an updated decommissioning cost study, funding requirement, and associated tariff(s).

Q. How was the estimated cost to decommission Callaway determined?

A. Ameren Missouri contracted with TLG to perform the site-specific cost study to determine the estimated cost for decommissioning Callaway. TLG prepared a *Decommissioning Cost Analysis for the Callaway Energy Center* ("2023 Study") included as Attachment 3 to Ameren Missouri's Amended Application in this proceeding. TLG's current analysis of the cost to decommission Callaway is an update of the study that TLG initially performed for Ameren Missouri in 1993 and has also completed for subsequent triennial filings.

Ameren Missouri further states in its Amended Application, "TLG is an industry leader in nuclear power plant decontamination and decommissioning planning, cost estimating, and project field supervision and has prepared and updated decommissioning cost estimates for the vast majority of nuclear generation units in the country. TLG also is the company that prepared the decommissioning cost estimates that were filed with and approved by the Commission in 1993, 1999, 2002, 2005, 2008, 2011, 2015, 2018, and 2020 as well as the Independent Spent Fuel Storage Installation ("ISFSI") decommissioning cost estimate in 2015 and 2018."[9]

Q. Has TLG's cost estimates been submitted in other jurisdictions, including the NRC?

A. TLG cost estimates have been presented many times (>100) to various state and federal agencies, including the NRC.[10]

Q. Does Staff have any major concerns with the 2023 cost study prepared by TLG?

A. Staff does not find any major concerns with the 2023 cost study prepared by TLG. Staff has not conducted research or attempted to obtain information from other sources regarding the cost estimates provided by TLG.

Q. How is the cost of decommission paid?

A. Section 393.292, RSMo, states that:

> Notwithstanding any other provision of law to the contrary, the public service commission shall have the power, pursuant to regulations, to review and authorize changes to the rates and charges contained in the schedules of an electric corporation as a result of a change in the level of annual accrual of funding necessary for its nuclear power plant decommissioning trust fund only after a full hearing and after considering all facts relevant to such funding level or accrual rate. The commission shall also have the authority to adopt regulations to govern the procedure for submission, examination, hearing, and approval of

[9] Page 5, Ameren Missouri Amended Application.
[10] Company response to Staff Data Request 0010.

> such tariff changes and **to ensure that the amounts collected from ratepayers and paid into such trust funds will be neither greater nor lesser than the amounts necessary to carry out the purposes of the trusts**. (emphasis added)

In other words, an annual contribution amount is determined and included in the Company's base rates. This annual contribution is intended to be an amount deposited into an NDF that, upon the expiration of Callaway's operating license, will have a balance that is neither greater nor lesser than the amount necessary to perform Callaway's decommissioning.

Q. Why is the determination of the annual contribution amount important?

A. Determining a correct amount of annual contribution ensures that rate payers over multiple decades are equally burdened with the cost of decommissioning. Setting a current annual contribution amount that is excessive burdens today's rate payers with an uneven percentage of the total decommissioning cost for benefits future rate payers will receive. Setting a current annual contribution amount that is insufficient will burden future rate payers for benefits provided to current rate payers.

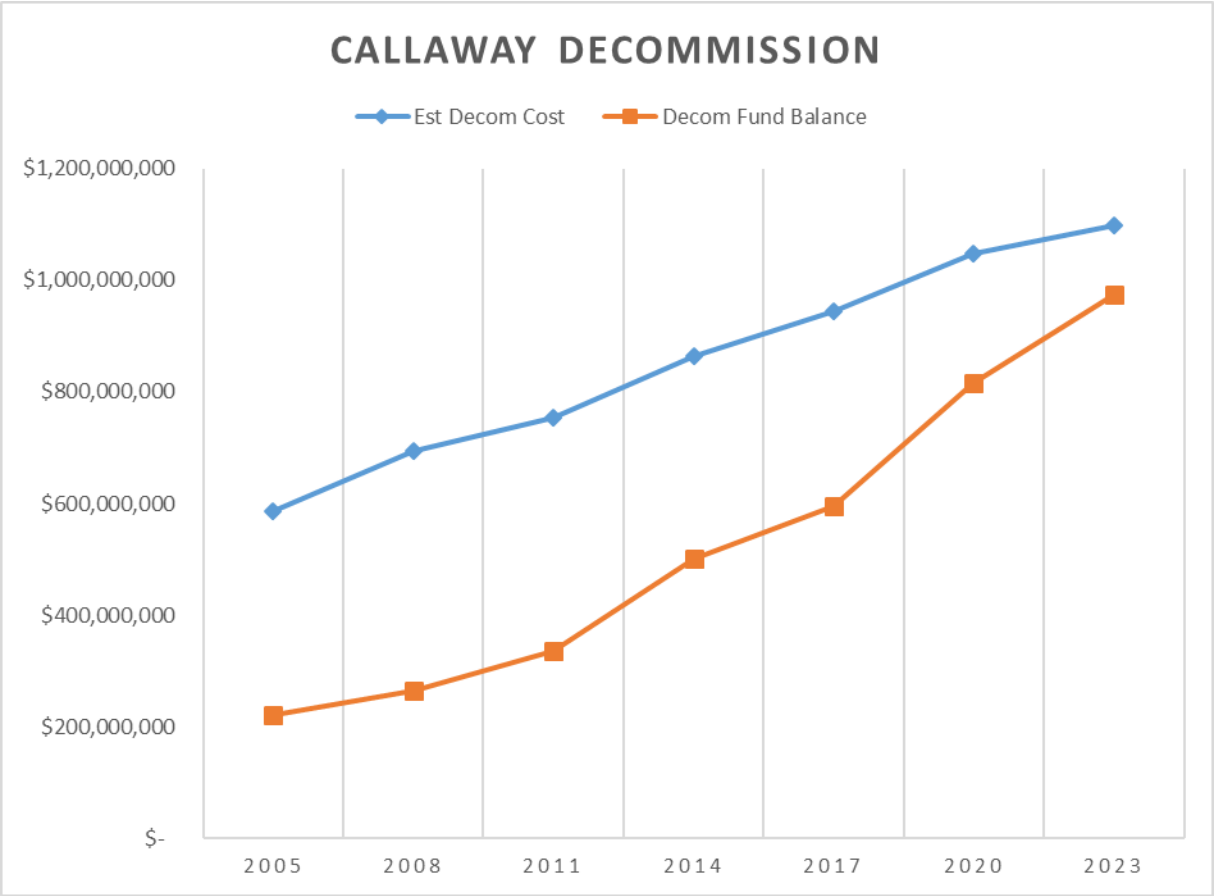
Q. Prior to this proceeding, has Ameren Missouri filed triennial filings stating Callaway's estimated decommission cost and the decommission fund balance at that time?

A. Yes. Below is a list of recent Ameren Missouri triennial filings with data from each filing's respective application:

Case No.	License Expires	Total Estimated Decommission Cost	Decommission Fund Balance	Annual Contribution
EO-2006-0098	2024	$ 586,515,200	$ 220,451,094	$ 6,486,378
EO-2009-0081	2024	$ 693,907,000	$ 264,089,093	$ 6,486,378
EO-2012-0070	2024	$ 754,500,000	$ 335,197,431	$ 6,758,605
EO-2015-0253	2044	$ 864,734,000	$ 502,192,646	$ 6,758,605
EO-2018-0051	2044	$ 943,465,000	$ 595,480,833	$ 6,758,605
EO-2021-0050	2044	$ 1,046,835,000	$ 816,417,131	$ 6,758,605
EO-2023-0448	2044	$ 1,097,947,000	$ 974,144,000	$ 6,758,605

Q. From 2005 to 2024, what has happened to the estimated decommission cost and to the decommissioning trust fund balance?

A. The estimated decommission cost and the NDF balance have increased 87% and 342%, respectively, between 2005 and 2024.[11] These increases have translated to the NDF balance having a shortage, or insufficient balance, that has decreased from $366,064,106 (62.41%) in 2005 dollars to $123,803,000 (11.28%) in 2023 dollars.



[11] Schedule RTJ-r3, Jennings' Rebuttal Testimony.

III. Funding Adequacy Analysis

Q. In the current proceeding, how did Ameren Missouri evaluate whether the current annual contribution amount will provide the NDF sufficient funding?

A. Ameren Missouri depended upon a study from WTW that used a proprietary model of 5,000 stochastic scenarios which was included as Attachment 4 to Ameren Missouri's Amended Application in this proceeding.

Q. What variable did WTW's stochastic model calculate?

A. WTW's proprietary model used various market and economic assumptions simulating 5,000 different scenarios as outlined in Attachment 4 of the amended application to calculate the future balance of the NDT.[12]

Q. Has WTW's stochastic model using 5,000 scenarios been filed with this Commission or any other regulatory body before this proceeding?

A. No. The model used to support Ameren Missouri's filing has not been filed with any other state commissions concerning nuclear fund adequacy analysis or in support of a rate hearing.[13] WTW has used its stochastic model to support thirty-one (31) other nuclear generating units and to assist only their owners in evaluating the probability whether there will be sufficient funding available at the time of decommissioning.[14]

Q. What did Ameren Missouri conclude from the stochastic model?

A. WTW's analyses considered the current amount of annual funding and determined the probability there would be sufficient funds available for the decommissioning

[12] Page 6, Paragraph 14, Ameren Missouri's Amended Application.
[13] Company response to Staff Data Request 0021.1.
[14] Ibid.

of Callaway and through decommissioning under various market and economic assumptions.[15] The Company concluded the annual contribution amount should remain unchanged based on WTW's analyses that in nearly 67% of the 5,000 modeling scenarios there will be sufficient funds available for decommissioning Callaway under the DECON method starting in 2044.[16]

Q. How does Callaway's NDF balance and 67% of the modeling scenarios having sufficient funds available for decommissioning compare to the other thirty-one (31) nuclear units analyzed by WTW?

A. In its Application, Ameren Missouri stated "This compares favorably with the peer universe of 31 other nuclear units analyzed by Willis Towers who has a median probability of successfully funding their decommissioning costs of 73%."[17] The Company further stated "The probability of having enough funds is not a precise forecast but represents a reasonable expectation of a likely outcome. The 67% vs 73% difference is not a material difference when looking at the range of the 31 other utilities."[18]

Q. Does Ameren Missouri monitor the funding status of other NDFs held by other utilities?

A. Ameren Missouri does not monitor the funding status of other NDFs. The Company stated "However, Ameren's consultant, Willis Towers Watson, does provide consulting services to other nuclear units and therefore does monitor and assess the funding of various NDT trusts for these nuclear units. Ameren's conclusion in its application that the

[15] Page 6, Paragraph 14, Ameren Missouri's Amended Application.
[16] DECON refers to a decontamination process used during the decommissioning of nuclear facilities, which is the process of safely shutting down and dismantling a nuclear facility at the end of its operational life. For the definition of DECON, please see Page viii of xxi in Attachment 3 of the Amended Application.
[17] Ibid.
[18] Company response to Staff Data Request 0013.

current funding level is adequate is based on the conclusion from Willis Towers Watson when compared to other comparable nuclear units analyzed by Willis Towers Watson."[19]

Q. Did Ameren Missouri indicate how it could increase the probability of its NDF being sufficiently funded from 67% to 73% to match the median probability of the other thirty-one (31) nuclear units analyzed by WTW?

A. Yes. Ameren Missouri indicated that by raising the current annual contribution amount from its current $6.8 million to $14 million, the probability of having sufficient funds would increase from 67% to 73%.[20]

Q. Although Ameren Missouri did not provide an electronic copy of the stochastic model created by WTW, were the results provided?

A. Yes, Ameren Missouri provided a list of the simulations and the result of each simulation listing the "PV Surplus End of Decommissioning," the "PV of Remaining Costs When Assets Deplete," and the sum of the two amounts for each simulation.[21]

Q. What was Staff's analysis of the results from the simulations?

A. The WTW model presented by Ameren Missouri produced scenarios with NDF ending balances ranging from a deficit of $1.2 Billion (116% of the total decommission cost) to a surplus of $3.8 Billion (346% of the total decommission cost).[22] Table 1 displays how scenarios fell within a given percentage of the total decommission cost.

As an example, highlighted below, of the 5,000 scenario results, 453 (or 9.06% of all scenario results) had ending balances within -16% to -20% and 16 to 20% of the total decommission cost. These scenario results had **either** a deficit between -$175.7 and -$219.6

[19] Company response to Staff Data Request 0009.
[20] Company response to Staff Data Request 0013.1.
[21] Company Supplemental Response to Staff Data Request 0024.1.
[22] Ibid.

million **or** a surplus between $175.7 and $219.6 million. The average amount of surplus for these 453 scenario results was $43.09 million. Cumulatively, 2,432 (or 48.64%) of the 5,000 scenario results had ending balances between -20% to 20% of the total decommission cost. In other words, 48.64% of the scenario results are within $219.6 million of the total decommission cost in 2023 dollars.

Table 1

% within the Target Decommission Cost of $1,097,947,000	Trust Ending Balance within the Target Decommission Cost (Pos & Neg)	# of Scenarios	% of Scenarios	Avg. Surplus of Scenarios within this Range	Cum. # of Scenarios	Cum. % of Scenarios
0% to 5%	$ 0 to $ 54.9 mil	780	15.60%	- $ 2.93 mil	780	15.60%
6% to 10%	$ 65.9 to $ 109.8 mil	649	12.98%	$ 7.03 mil	1,429	28.58%
11% to 15%	$ 120.8 to $ 164.7 mil	550	11.00%	$ 19.46 mil	1,979	39.58%
16% to 20%	$ 175.7 to $ 219.6 mil	453	9.06%	$ 43.09 mil	2,432	48.64%
21% to 25%	$ 230.6 to $ 274.5 mil	403	8.06%	$ 61.82 mil	2,835	56.70%
26% to 30%	$ 285.5 to $ 329.4 mil	359	7.18%	$ 119.01 mil	3,194	63.88%
31% to 35%	$ 340.4 to $ 384.3 mil	279	5.58%	$ 135.80 mil	3,473	69.46%
36% to 40%	$ 395.3 to $ 439.2 mil	242	4.84%	$ 241.80 mil	3,715	74.30%
41% to 45%	$ 450.2 to $ 494.1 mil	180	3.60%	$ 288.06 mil	3,895	77.90%
-118% to -46%	> $505.1 mil	65	1.30%	- $ 656.07 mil		
46% to 346%	> $505.1 mil	1,040	20.80%	$ 893.58 mil	1,105	22.10%
Grand Total		5,000	100.00%		5,000	100.00%

For additional information regarding the calculations contained in Table 1 above, please see the attached Schedule RTJ-r1.

Q. What was Staff's conclusion regarding the NDF ending balances?

A. After sorting the 5,000 scenario results in order from largest deficit to largest surplus, Staff found the mean (average) result was a surplus amount of $227.0 million

(or 20.68% of the total decommission cost) while the median, or middle result, was a surplus amount of $141.2 million or 12.86% of the total decommission cost in 2023 dollars.[23]

For scenarios resulting in an insufficient balance (33% or 1,669 scenarios), the average deficiency is $174.3 million dollars or 15.88% of the total decommission cost in 2023 dollars.[24]

For the 67% of the scenarios resulting in a balance sufficient to carry out the purpose of the trust, the average surplus amount was $428 million or 38.99% of the total decommission cost in 2023 dollars.[25]

Q. Did Staff also examine the scenarios while attempting to remove extreme results?

A. Yes. Staff examined the middle 66% (3,300) of the scenarios, excluding 17% (850) at each end of the scenario results in order to remove the extremes. By removing equal amounts of results from each end of the spectrum, Staff hoped to remove extremities equally that could skew the overall picture of the model. Table 2 below represents how the scenarios fell within a given percentage of the total decommission cost:

[23] Schedule RTJ-r1, Jennings' Rebuttal Testimony.
[24] Ibid.
[25] Ibid.

Table 2						
% within the Target Decommission Cost of $1,097,947,000	Trust Ending Balance within the Target Decommission Cost (Pos & Neg)	# of Scenarios	% of Scenarios	Avg. Surplus of Scenarios within this Range	Cum. # of Scenarios	Cum. % of Scenarios
0% to 5%	$ 0 to $ 54.9 mil	780	23.64%	- $ 2.93 mil	780	23.64%
6% to 10%	$ 65.9 to $ 109.8 mil	649	19.67%	$ 7.03 mil	1,429	43.30%
11% to 15%	$ 120.8 to $ 164.7 mil	379	11.48%	$ 95.18 mil	1,808	54.79%
16% to 20%	$ 175.7 to $ 219.6 mil	275	8.33%	$ 198.04 mil	2,083	63.12%
21% to 25%	$ 230.6 to $ 274.5 mil	250	7.58%	$ 252.46 mil	2,333	70.70%
26% to 30%	$ 285.5 to $ 329.4 mil	249	7.55%	$ 306.52 mil	2,582	78.24%
31% to 35%	$ 340.4 to $ 384.3 mil	192	5.82%	$ 361.33 mil	2,774	84.06%
36% to 40%	$ 395.3 to $ 439.2 mil	191	5.79%	$ 417.84 mil	2,965	89.85%
41% to 45%	$ 450.2 to $ 494.1 mil	145	4.39%	$ 471.31 mil	3,110	94.24%
46% to 50%	$ 505.1 to $ 549.0 mil	133	4.03%	$ 526.14 mil	3,243	98.27%
51% to 55%	$ 560.0 to $ 603.9 mil	57	1.73%	$ 564.87 mil	3,300	100.00%

As an example, highlighted above, of the 3,300 scenario results, 275 (or 8.33% of all scenario results) had ending balances within -16% to -20% and 16 to 20% of the total decommission cost. These scenario results had **either** a deficit between -$175.7 and -$219.6 million **or** a surplus between $175.7 and $219.6 million. The average amount of surplus for these 275 scenario results was $198.04 million. Cumulatively, 2,083 (or 63.12%) of the 3,300 scenario results had ending balances between -20% to 20% of the total decommission cost. In other words, 63.12% of the scenario results are within $219.6 million of the total decommission cost in 2023 dollars.

For additional information regarding the calculations in Table 2 please see attached Schedule RTJ-r2.

Q. What was Staff's conclusion?

A. The 3,300 scenarios examined had an average surplus of $167.3 million (or 15.23% of the total decommission cost in 2023 dollars) and a median amount of $141.1

million (or 12.86% of the total decommission cost in 2023 dollars).[26] The 3,300 scenario results ranged from a deficit of $129.4 million (or 11.79% of the total decommission cost) to a surplus of $576.3 million (or 52.49% of the total decommission cost).[27]

For scenarios resulting in an insufficient balance (24.82% or 819 scenarios), the average deficiency is $57.3 million dollars or 5.21% of the total decommission cost in 2023 dollars.[28]

For the remaining 75.18% of the scenarios resulting in a balance sufficient to carry out the purpose of the trust, the average surplus amount was $241.4 million or 21.98% of the total decommission cost in 2023 dollars.[29]

IV. Stochastic vs. Deterministic Model

Q. Is Ameren Missouri's funding adequacy analysis in this proceeding the same method the Company has used in previous proceedings?

A. No, it is not. While the method used in this proceeding utilized a stochastic model of 5,000 scenarios, the Company previously used a deterministic model that included fixed inputs of economic and market assumptions provided by WTW as agreed to in prior filings with the Commission.[30]

Q. What is the difference between a "stochastic" model and a "deterministic" model?

[26] Ibid.
[27] Ibid.
[28] Ibid.
[29] Ibid.
[30] Company response to Staff Data Request 0025.

A. A stochastic model contains an element(s) of uncertainty, which is built into the model through the inputs. Due to the uncertainty present in a stochastic model, the results provide an estimate of the probability of various outcomes.[31]

A deterministic model is the exact opposite and does not involve any uncertainty or randomness. The defining characteristic of a deterministic model is that regardless of how many times the model is run, the results will always be the same.[32]

Q. How does the previously used deterministic model differ from the stochastic model used in this proceeding?

A. The deterministic model solved for one variable. "The Excel model [previously used] would solve for an overall rate of inflation for the cost of decommissioning that would result in 'zero dollars' at the end of decommissioning Callaway."[33] "The static model reflects one market scenario only and solves for a rate of inflation for the cost of decommissioning."[34]

The stochastic model submitted in this proceeding used ranges of multiple economic and market inputs to solve for the ending balance of the NDF.

Listed below are the inputs (or the ranges thereof) used in the stochastic model, the deterministic model, and the actual historical average for each of the economic and market inputs since the inception of the Callaway NDF:

[31] Stochastic Modeling - Definition, How It Works (corporatefinanceinstitute.com); https://corporatefinanceinstitute.com/resources/data-science/stochastic-modeling/
[32] Ibid.
[33] Company response to Staff Data Request 0025.
[34] Company response to Staff Data Request 0013.3.

Economic / Market Input	2020 Deterministic Model Variables[1]	2023 Deterministic Model Variables[1]	2023 Stochastic Model Ranges[1]	Historical Average
Inflation Rate (CPI)	2.15%	3.00%	0.5% to 4.5%	2.80%[1]
Nominal Return on Bonds	3.20%	3.91%	2.7% to 5.9%	5.40%[37]
Nominal Return on Equities	8.50%	5.56%	0.4% to 12.9%	10.22%[1]
Weighted-Average Return	6.65%	4.98%	2.1% to 9.9%	8.59%[37]
Decommissioning Cost Inflation	4.19%[1]	3.84%[38]	2.2% to 6.2%	3.83%[37]

Q. Are the economic and market inputs used by the Company in the stochastic model based on historical data and if so, what are the sources for that information?

A. The Company stated:

> All of Willis Towers Watson's projections are based on their firm view on capital markets. Willis Towers Watson takes the current economic conditions and forecasts how they are expected to revert to long term normative levels. While Willis Towers Watson uses historical data to shape their views on normative levels, the projections are their independent proprietary views.[35]

Q. Are the economic and market inputs used by the Company in the deterministic model based on historical data and if so, what are the sources for that information?

A. The Company stated:

> The basis for these inputs came from the output of the "breakeven scenario" in the stochastic modeling. The reasonableness for the assumptions that were varied is the parameters fall within the market ranges that were established when setting up the stochastic modeling and identified in the Amended Filing in Attachment 4. The parameters that were varied included CPI Inflation, Nominal Pre-tax and Expense Returns for Bonds and Equities. These factors and the ranges within which they were varied came from Willis Towers Watson as of July 1, 2023, market assessment.[36]

[35] Company response to Staff Data Request 0023.2.
[36] Company response to Staff Data Request 0013.3.

Q. What is the benefit of using a stochastic model rather than a deterministic model to determine the adequate annual contribution to the NDF in order to ensure the amounts collected from ratepayers and paid into such trust funds will be neither greater nor lesser than the amounts necessary to carry out the purposes of the trust?

A. The Company stated:

> The benefit of using the stochastic modeling is it properly reflects what could happen going forward recognizing many factors and market assumptions will vary into the future. Ameren Missouri believes the "probability of having enough funds available" reflects more the reality of future outcomes since many variables will change over time and affect the funding level at time of decommissioning. Employing this probability of outcomes is reasonable and comparing it to other nuclear generating units provides a better snapshot of how well funded Callaway's NDT fund is in relation to the industry in general. Ameren Missouri recognizes this outcome is less "deterministic" than the prior approach, however, the stochastic model reflects better the range of potential outcomes as it relates to funding for decommissioning.[37]

Q. Did Ameren Missouri submit a stochastic model using scenarios, applying the same ranges of variable inputs, to solve for the level of annual contribution collected from ratepayers necessary so the NDF will have an ending balance neither greater nor lesser than the amount needed to carry out the purposes of the NDF?

A. No. Ameren Missouri discussed the possibility of "tweaking" the stochastic model with WTW trying to forecast a zero ("breakeven") balance through all the 5,000 simulations at the end of decommissioning by varying the contribution amount, but the Company said this is not possible or meaningful given the contribution amount would be negative under certain simulations.[38] Neither the "tweaked" stochastic model nor its results

[37] Company response to Staff Data Request No. 0025.
[38] Company response to Staff Data Request No. 0026.

could be manually changed to remove negative contributions and determine an annual contribution resulting in a breakeven balance.[39]

Q Does Staff agree with Ameren Missouri's interpretation of WTW's analyses using the stochastic model presented in the Company's amended application?

A. Ameren Missouri has repeatedly stated WTW's model and data are proprietary and cannot be provided to Staff.[40] Staff has been unable to obtain a copy of the WTW model or selected WTW data, has been unable to replicate or independently verify the results presented by Ameren Missouri, or determine an annual contribution amount that will result in an ending balance neither greater nor lesser than the amount necessary to carry out the purpose of the NDF. However, as noted earlier in this testimony, Staff is discussing alternative ways for the Company to provide Staff access to the WTW model.

Staff does not have concerns at this time with the credibility of WTW or its use of a stochastic model. In addition, Staff agrees with Ameren Missouri that the current funding amount of $6,758,605 would indeed provide sufficient funds for the decommissioning of Callaway. However, the stochastic model produced a median result of an ending balance having a surplus of $141 million, or 13% of the current liability in 2023 dollars.[41]

In § 393.292, RSMo it states that "the amounts collected from ratepayers and paid into such trust funds will be neither greater nor lesser than the amounts necessary to carry out the purposes of the trusts." Therefore, Staff has not found any evidence that the current decommissioning trust fund level is appropriate to utilize for the ratemaking purposes of Ameren Missouri.

[39] Company response to Staff Data Request No. 0026.1.
[40] Staff Data Requests No. 0001, 0013, 0013.1, 0013.2, 0021, 0021.1, and 0023.2.
[41] Company response to Staff Data Request No. 0024.1s1.

V. Summary and Conclusions

Q. Please summarize the conclusions of your rebuttal testimony.

A. Staff does not find any issue with the cost study presented by TLG. Likewise, Staff does not presently find any issue with the stochastic model presented by WTW, though the model is proprietary property and it has not been made available for Staff's review.

However, Staff questions Mr. Deschler's statement that the analysis performed by WTW demonstrates that the funding level is neither greater nor less than the amounts necessary to carry out the purposes of the trust.[42] The WTW stochastic model provides scenarios of varying economic conditions with the continued current contribution level. These scenarios provide differing results with various ending balances within a percentage of the desired decommissioning amount, as Staff has previously described and illustrated.

Mr. Deschler stated "the outcome of the 5,000 scenarios showed that in 67% of the cases the ending value was sufficient to fund the anticipated costs of decommissioning Callaway."[43] Mr. Deschler did not provide context for this statement including that the average NDF balance, for scenarios ending with sufficient funds, was $428.1 million in excess of the amount necessary, or 39%, of the estimated decommission cost in 2023 dollars.

Based on the stochastic model scenario results that are using the annual contribution amount requested by the Company, Staff cannot conclude that the annual contribution amount is appropriate and will result in the NDF having an ending balance to carry out the purpose of the trust while ensuring the NDF is neither over nor underfunded.

[42] Page 16, Lines 8-10, Daniel Deschler Direct Testimony.
[43] Page 7, Lines 4-5, Daniel Deschler Direct Testimony.

Staff requests in this filing and all future filings, involving models used in support of the Company's position, that the Company be required to provide Staff access to a working copy of said models so that Staff has an opportunity to perform an analysis of the model and its results. This will ensure Staff has a chance to determine its validity and to confirm that the requested annual contribution will result in the NDF having neither a surplus nor a deficit upon decommission. Staff further requests that the Company file a proper NDF annual contribution, along with evidence and testimony in support thereof, in its next rate case for ratemaking purposes.

Q. Does this conclude your rebuttal testimony?

A. Yes.

BEFORE THE PUBLIC SERVICE COMMISSION

OF THE STATE OF MISSOURI

In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for Approval of Decommissioning Cost Estimate For Callaway Energy and Funding Level of Nuclear Decommissioning Trust Fund	)))))	File No. EO-2023-0448

AFFIDAVIT OF RANDALL T. JENNINGS

STATE OF MISSOURI)
) ss.
COUNTY OF COLE)

COMES NOW RANDALL T. JENNINGS and on his oath declares that he is of sound mind and lawful age; that he contributed to the foregoing *Rebuttal Testimony of Randall T. Jennings*; and that the same is true and correct according to his best knowledge and belief.

Further the Affiant sayeth not.

RANDALL T. JENNINGS

JURAT

Subscribed and sworn before me, a duly constituted and authorized Notary Public, in and for the County of Cole, State of Missouri, at my office in Jefferson City, on this 7th day of November 2024.

DIANNA L. VAUGHT
Notary Public - Notary Seal
State of Missouri
Commissioned for Cole County
My Commission Expires: July 18, 2027
Commission Number: 15207377

Notary Public

REBUTTAL TESTIMONY

FOR

MISSOURI-AMERICAN WATER COMPANY

CASE NO. EO-2023-0448

SCHEDULES

RTJ-r1 through RTJ-r3

BY

Randall T. Jennings

Financial Analysis

MISSOURI PUBLIC SERVICE COMMISSION

November 8, 2024

Union Electric Company,
d/b/a Ameren Missouri
EO-2023-0448

Stochastic Model Summary
5,000 Scenarios

100% (5,000) of Scenarios	TLG Estimate for Decommission Cost (Thousands of 2023 Dollars):					$ 1,097,947		Cumulative			
Range	**Low End**	**High End**	**$ W/in Target**	**# Scenarios**	**% Scenarios**	**Avg. Surplus of Range**	**% Surplus**	**Cum. #**	**Cum. %**	**Avg $ Amt**	**Avg %**
-5% to 5%	-5%	5%	$ 54,897.35	780	15.60%	$ (2,931.37)	-0.27%	780	15.60%	($2,931)	-0.27%
-10% to -6% & 6% to 10%	-10%	10%	$ 109,794.70	649	12.98%	$ 7,025.25	0.64%	1,429	28.58%	$1,591	0.14%
-15% to -11% & 11% to 15%	-15%	15%	$ 164,692.05	550	11.00%	$ 19,461.86	1.77%	1,979	39.58%	$6,557	0.60%
-20% to -16% & 16% to 20%	-20%	20%	$ 219,589.40	453	9.06%	$ 43,092.81	3.92%	2,432	48.64%	$13,363	1.22%
-25% to -21% & 21% to 25%	-25%	25%	$ 274,486.75	403	8.06%	$ 61,823.19	5.63%	2,835	56.70%	$20,251	1.84%
-30% to -26% & 26% to 30%	-30%	30%	$ 329,384.10	359	7.18%	$ 119,013.52	10.84%	3,194	63.88%	$31,352	2.86%
-35% to -31% & 31% to 35%	-35%	35%	$ 384,281.45	279	5.58%	$ 135,802.82	12.37%	3,473	69.46%	$39,743	3.62%
-40% to -36% & 36% to 40%	-40%	40%	$ 439,178.80	242	4.84%	$ 241,798.63	22.02%	3,715	74.30%	$52,905	4.82%
-45% to -41% & 41% to 45%	-45%	45%	$ 494,076.15	180	3.60%	$ 288,057.28	26.24%	3,895	77.90%	$63,772	5.81%
-118% to -46%		$ 505,055.62	> $505,055.62	65	1.30%	$ (656,072.35)	-59.75%				
46% to 346%			> $505,055.62	1,040	20.80%	$ 893,579.77	81.39%	1,105	22.10%	$802,424	73.08%
			Total	5,000	100.00%			5,000	100.00%		
			$ (thousands)		**% Surplus w/in the Target**						
		Max	$3,794,255		345.58%						
		Min	($1,272,423)		-115.89%						
		Mean	$227,014		20.68%						
		Median	$141,166		12.86%						
			$ (thousands)	**# Scenarios**	**% Scenarios**	**% Cost**					
	Avg of Underfund		($174,302)	1,669	33.38%	-15.88%					
	Avg of Overfund		$428,094	3,331	66.62%	38.99%					
				5,000	100.00%						

SCHEDULE RTJ-r1

Data supplied via DR Response "MPSC 0024.1s1 Ameren PV Surplus Sims 04192024"													
All dollar values are in $1,000's													
TLG Estimate for Decommission Cos		$ 1,097,947				50,000							
		PV Surplus	PV of Remaining Costs			Buckets							
Sim	Success (1= Yes)	End of Decommissioning	When Assets Deplete	Combined	% w/in Targe	Min	Max	Count	Range	% of Sims	Low % Range	High % Range	
1464	0	$0	$129,394	($129,394)	-12%	($150,000)	($100,000)	139	-150 - -100	4.21%	-14%	-9%	
1232	0	$0	$129,151	($129,151)	-12%	($100,000)	($50,000)	301	-100 - -50	9.12%	-9%	-5%	
3855	0	$0	$128,422	($128,422)	-12%	($50,000)	$0	379	-50 - 00	11.48%	-5%	0%	
3154	0	$0	$128,321	($128,321)	-12%	$0	$50,000	274	00 - 50	8.30%	0%	5%	
1203	0	$0	$128,126	($128,126)	-12%	$50,000	$100,000	319	50 - 100	9.67%	5%	9%	
2492	0	$0	$128,089	($128,089)	-12%	$100,000	$150,000	288	100 - 150	8.73%	9%	14%	
75	0	$0	$127,811	($127,811)	-12%	$150,000	$200,000	257	150 - 200	7.79%	14%	18%	
4710	0	$0	$127,782	($127,782)	-12%	$200,000	$250,000	244	200 - 250	7.39%	18%	23%	
1369	0	$0	$127,685	($127,685)	-12%	$250,000	$300,000	225	250 - 300	6.82%	23%	27%	
3313	0	$0	$127,417	($127,417)	-12%	$300,000	$350,000	214	300 - 350	6.48%	27%	32%	
4915	0	$0	$127,344	($127,344)	-12%	$350,000	$400,000	165	350 - 400	5.00%	32%	36%	
4549	0	$0	$127,079	($127,079)	-12%	$400,000	$450,000	173	400 - 450	5.24%	36%	41%	
600	0	$0	$126,937	($126,937)	-12%	$450,000	$500,000	133	450 - 500	4.03%	41%	46%	
910	0	$0	$126,933	($126,933)	-12%	$500,000	$550,000	127	500 - 550	3.85%	46%	50%	
4679	0	$0	$126,755	($126,755)	-12%	$550,000	$600,000	62	550 - 600	1.88%	50%	55%	
2697	0	$0	$126,750	($126,750)	-12%			3,300		100%			
1294	0	$0	$126,124	($126,124)	-11%								
4561	0	$0	$125,950	($125,950)	-11%								
2222	0	$0	$125,920	($125,920)	-11%								
4605	0	$0	$125,194	($125,194)	-11%								
2513	0	$0	$125,089	($125,089)	-11%								
3088	0	$0	$124,333	($124,333)	-11%								
1415	0	$0	$123,747	($123,747)	-11%								
383	0	$0	$123,622	($123,622)	-11%								
1372	0	$0	$123,116	($123,116)	-11%								
4835	0	$0	$122,288	($122,288)	-11%								
569	0	$0	$122,083	($122,083)	-11%								
501	0	$0	$122,046	($122,046)	-11%								
4231	0	$0	$121,683	($121,683)	-11%								
1150	0	$0	$121,573	($121,573)	-11%								
1360	0	$0	$121,554	($121,554)	-11%								
563	0	$0	$121,377	($121,377)	-11%								
3730	0	$0	$120,623	($120,623)	-11%								
2595	0	$0	$120,528	($120,528)	-11%								
3289	0	$0	$120,387	($120,387)	-11%								
3885	0	$0	$120,207	($120,207)	-11%								
2388	0	$0	$120,088	($120,088)	-11%								

2373	0	$0	$120,006	($120,006)	-11%									
4800	0	$0	$119,939	($119,939)	-11%									
432	0	$0	$119,873	($119,873)	-11%									
532	0	$0	$119,366	($119,366)	-11%									
3896	0	$0	$119,159	($119,159)	-11%									
4758	0	$0	$118,991	($118,991)	-11%									
2090	0	$0	$118,875	($118,875)	-11%									
1681	0	$0	$118,769	($118,769)	-11%									
3988	0	$0	$118,744	($118,744)	-11%									
2720	0	$0	$118,606	($118,606)	-11%									
4994	0	$0	$118,378	($118,378)	-11%									
1189	0	$0	$118,315	($118,315)	-11%									
273	0	$0	$118,193	($118,193)	-11%									
4895	0	$0	$118,038	($118,038)	-11%									
2567	0	$0	$117,844	($117,844)	-11%									
271	0	$0	$117,778	($117,778)	-11%									
3693	0	$0	$117,766	($117,766)	-11%									
2298	0	$0	$117,710	($117,710)	-11%									
3285	0	$0	$117,492	($117,492)	-11%									
109	0	$0	$117,486	($117,486)	-11%									
3826	0	$0	$117,401	($117,401)	-11%									
2740	0	$0	$117,066	($117,066)	-11%									
1623	0	$0	$116,795	($116,795)	-11%									
429	0	$0	$116,727	($116,727)	-11%									
2182	0	$0	$116,651	($116,651)	-11%									
2229	0	$0	$116,396	($116,396)	-11%									
4821	0	$0	$116,364	($116,364)	-11%									
4227	0	$0	$116,238	($116,238)	-11%									
876	0	$0	$115,873	($115,873)	-11%									
3874	0	$0	$115,603	($115,603)	-11%									
1991	0	$0	$115,383	($115,383)	-11%									
1604	0	$0	$113,756	($113,756)	-10%									
2600	0	$0	$113,511	($113,511)	-10%									
897	0	$0	$113,490	($113,490)	-10%									
3336	0	$0	$113,473	($113,473)	-10%									
1053	0	$0	$113,047	($113,047)	-10%									
2617	0	$0	$112,993	($112,993)	-10%									
1171	0	$0	$112,838	($112,838)	-10%									
2974	0	$0	$112,823	($112,823)	-10%									
2778	0	$0	$112,771	($112,771)	-10%									
2422	0	$0	$112,414	($112,414)	-10%									
3369	0	$0	$112,355	($112,355)	-10%									
2195	0	$0	$112,341	($112,341)	-10%									
2942	0	$0	$111,817	($111,817)	-10%									
261	0	$0	$111,793	($111,793)	-10%									
2070	0	$0	$111,788	($111,788)	-10%									
2315	0	$0	$111,651	($111,651)	-10%									
2661	0	$0	$111,636	($111,636)	-10%									
581	0	$0	$111,352	($111,352)	-10%									

3702	0	$0	$111,159	($111,159)	-10%									
308	0	$0	$111,089	($111,089)	-10%									
3236	0	$0	$110,987	($110,987)	-10%									
2204	0	$0	$110,718	($110,718)	-10%									
2121	0	$0	$110,491	($110,491)	-10%									
4214	0	$0	$110,028	($110,028)	-10%									
108	0	$0	$110,020	($110,020)	-10%									
4592	0	$0	$109,946	($109,946)	-10%									
443	0	$0	$109,440	($109,440)	-10%									
1648	0	$0	$109,231	($109,231)	-10%									
4289	0	$0	$109,000	($109,000)	-10%									
2671	0	$0	$108,999	($108,999)	-10%									
4135	0	$0	$108,975	($108,975)	-10%									
676	0	$0	$108,948	($108,948)	-10%									
1993	0	$0	$108,640	($108,640)	-10%									
77	0	$0	$108,487	($108,487)	-10%									
3673	0	$0	$108,450	($108,450)	-10%									
4144	0	$0	$108,029	($108,029)	-10%									
700	0	$0	$107,969	($107,969)	-10%									
2167	0	$0	$107,804	($107,804)	-10%									
1543	0	$0	$106,917	($106,917)	-10%									
3457	0	$0	$106,577	($106,577)	-10%									
4116	0	$0	$106,497	($106,497)	-10%									
3235	0	$0	$106,247	($106,247)	-10%									
3560	0	$0	$106,100	($106,100)	-10%									
3004	0	$0	$106,026	($106,026)	-10%									
4216	0	$0	$105,778	($105,778)	-10%									
2221	0	$0	$105,650	($105,650)	-10%									
4533	0	$0	$105,540	($105,540)	-10%									
650	0	$0	$105,495	($105,495)	-10%									
2152	0	$0	$105,353	($105,353)	-10%									
4132	0	$0	$105,330	($105,330)	-10%									
3596	0	$0	$105,000	($105,000)	-10%									
528	0	$0	$104,904	($104,904)	-10%									
4678	0	$0	$104,221	($104,221)	-9%									
1882	0	$0	$103,942	($103,942)	-9%									
2094	0	$0	$103,537	($103,537)	-9%									
1333	0	$0	$102,868	($102,868)	-9%									
1680	0	$0	$102,527	($102,527)	-9%									
2946	0	$0	$102,505	($102,505)	-9%									
4545	0	$0	$102,436	($102,436)	-9%									
441	0	$0	$102,236	($102,236)	-9%									
3814	0	$0	$102,067	($102,067)	-9%									
3619	0	$0	$101,951	($101,951)	-9%									
175	0	$0	$101,924	($101,924)	-9%									
2656	0	$0	$101,872	($101,872)	-9%									
3490	0	$0	$101,078	($101,078)	-9%									
2330	0	$0	$100,970	($100,970)	-9%									
1576	0	$0	$100,869	($100,869)	-9%									

3175	0	$0	$100,745	($100,745)	-9%									
2290	0	$0	$100,528	($100,528)	-9%									
931	0	$0	$100,514	($100,514)	-9%									
1523	0	$0	$100,297	($100,297)	-9%									
1684	0	$0	$99,729	($99,729)	-9%									
2432	0	$0	$99,532	($99,532)	-9%									
3622	0	$0	$99,019	($99,019)	-9%									
4982	0	$0	$98,953	($98,953)	-9%									
1697	0	$0	$98,912	($98,912)	-9%									
2207	0	$0	$98,748	($98,748)	-9%									
2971	0	$0	$98,711	($98,711)	-9%									
1391	0	$0	$98,692	($98,692)	-9%									
2223	0	$0	$98,556	($98,556)	-9%									
2370	0	$0	$98,309	($98,309)	-9%									
4824	0	$0	$98,240	($98,240)	-9%									
2898	0	$0	$98,163	($98,163)	-9%									
4213	0	$0	$97,960	($97,960)	-9%									
4876	0	$0	$97,797	($97,797)	-9%									
3767	0	$0	$97,735	($97,735)	-9%									
3714	0	$0	$97,598	($97,598)	-9%									
2556	0	$0	$97,386	($97,386)	-9%									
2351	0	$0	$97,326	($97,326)	-9%									
4594	0	$0	$96,721	($96,721)	-9%									
3602	0	$0	$96,663	($96,663)	-9%									
3286	0	$0	$96,592	($96,592)	-9%									
727	0	$0	$96,592	($96,592)	-9%									
4201	0	$0	$96,439	($96,439)	-9%									
277	0	$0	$96,054	($96,054)	-9%									
4386	0	$0	$95,743	($95,743)	-9%									
1639	0	$0	$95,494	($95,494)	-9%									
2081	0	$0	$95,437	($95,437)	-9%									
2592	0	$0	$95,288	($95,288)	-9%									
2016	0	$0	$95,098	($95,098)	-9%									
4931	0	$0	$95,008	($95,008)	-9%									
2029	0	$0	$94,977	($94,977)	-9%									
3319	0	$0	$94,847	($94,847)	-9%									
4760	0	$0	$94,544	($94,544)	-9%									
745	0	$0	$94,532	($94,532)	-9%									
3683	0	$0	$94,469	($94,469)	-9%									
2185	0	$0	$94,206	($94,206)	-9%									
3915	0	$0	$94,049	($94,049)	-9%									
1141	0	$0	$93,675	($93,675)	-9%									
4236	0	$0	$93,652	($93,652)	-9%									
4526	0	$0	$93,222	($93,222)	-8%									
579	0	$0	$93,058	($93,058)	-8%									
3824	0	$0	$92,962	($92,962)	-8%									
3049	0	$0	$92,934	($92,934)	-8%									
3772	0	$0	$92,786	($92,786)	-8%									
1791	0	$0	$92,564	($92,564)	-8%									

1951	0	$0	$92,417	($92,417)	-8%									
2133	0	$0	$92,309	($92,309)	-8%									
3787	0	$0	$92,232	($92,232)	-8%									
2783	0	$0	$92,109	($92,109)	-8%									
701	0	$0	$92,084	($92,084)	-8%									
337	0	$0	$92,044	($92,044)	-8%									
258	0	$0	$91,175	($91,175)	-8%									
4754	0	$0	$91,129	($91,129)	-8%									
3270	0	$0	$90,734	($90,734)	-8%									
636	0	$0	$90,724	($90,724)	-8%									
1810	0	$0	$90,471	($90,471)	-8%									
125	0	$0	$89,904	($89,904)	-8%									
4001	0	$0	$89,562	($89,562)	-8%									
3692	0	$0	$89,335	($89,335)	-8%									
3157	0	$0	$89,284	($89,284)	-8%									
746	0	$0	$89,218	($89,218)	-8%									
2653	0	$0	$89,138	($89,138)	-8%									
2549	0	$0	$88,732	($88,732)	-8%									
4629	0	$0	$88,722	($88,722)	-8%									
1917	0	$0	$88,508	($88,508)	-8%									
3770	0	$0	$88,502	($88,502)	-8%									
4458	0	$0	$88,324	($88,324)	-8%									
604	0	$0	$88,158	($88,158)	-8%									
1409	0	$0	$88,131	($88,131)	-8%									
2323	0	$0	$87,925	($87,925)	-8%									
3688	0	$0	$87,855	($87,855)	-8%									
1396	0	$0	$87,793	($87,793)	-8%									
683	0	$0	$87,545	($87,545)	-8%									
3615	0	$0	$87,515	($87,515)	-8%									
4651	0	$0	$87,501	($87,501)	-8%									
1451	0	$0	$87,400	($87,400)	-8%									
3680	0	$0	$87,275	($87,275)	-8%									
1929	0	$0	$87,137	($87,137)	-8%									
380	0	$0	$87,071	($87,071)	-8%									
1841	0	$0	$86,872	($86,872)	-8%									
2389	0	$0	$86,853	($86,853)	-8%									
1075	0	$0	$86,485	($86,485)	-8%									
1699	0	$0	$86,466	($86,466)	-8%									
4411	0	$0	$86,312	($86,312)	-8%									
323	0	$0	$86,169	($86,169)	-8%									
644	0	$0	$86,070	($86,070)	-8%									
3323	0	$0	$86,067	($86,067)	-8%									
3547	0	$0	$86,016	($86,016)	-8%									
1943	0	$0	$85,946	($85,946)	-8%									
2192	0	$0	$85,892	($85,892)	-8%									
3734	0	$0	$85,797	($85,797)	-8%									
246	0	$0	$85,688	($85,688)	-8%									
455	0	$0	$85,426	($85,426)	-8%									
509	0	$0	$85,197	($85,197)	-8%									

2124	0	$0	$84,990	($84,990)	-8%									
1659	0	$0	$84,969	($84,969)	-8%									
4815	0	$0	$84,495	($84,495)	-8%									
4470	0	$0	$84,342	($84,342)	-8%									
4597	0	$0	$83,901	($83,901)	-8%									
4417	0	$0	$83,820	($83,820)	-8%									
3816	0	$0	$83,721	($83,721)	-8%									
4377	0	$0	$83,670	($83,670)	-8%									
403	0	$0	$83,559	($83,559)	-8%									
356	0	$0	$83,542	($83,542)	-8%									
4090	0	$0	$83,499	($83,499)	-8%									
41	0	$0	$83,469	($83,469)	-8%									
3293	0	$0	$83,049	($83,049)	-8%									
4043	0	$0	$82,815	($82,815)	-8%									
3165	0	$0	$82,203	($82,203)	-7%									
435	0	$0	$82,051	($82,051)	-7%									
4743	0	$0	$81,963	($81,963)	-7%									
1724	0	$0	$81,917	($81,917)	-7%									
3936	0	$0	$81,912	($81,912)	-7%									
1617	0	$0	$81,817	($81,817)	-7%									
806	0	$0	$81,613	($81,613)	-7%									
4312	0	$0	$81,131	($81,131)	-7%									
1273	0	$0	$80,976	($80,976)	-7%									
4700	0	$0	$80,895	($80,895)	-7%									
3328	0	$0	$80,891	($80,891)	-7%									
377	0	$0	$80,697	($80,697)	-7%									
2939	0	$0	$80,523	($80,523)	-7%									
491	0	$0	$80,485	($80,485)	-7%									
4475	0	$0	$80,258	($80,258)	-7%									
2889	0	$0	$80,180	($80,180)	-7%									
2110	0	$0	$80,075	($80,075)	-7%									
2905	0	$0	$79,939	($79,939)	-7%									
1983	0	$0	$79,900	($79,900)	-7%									
4568	0	$0	$79,879	($79,879)	-7%									
3524	0	$0	$79,838	($79,838)	-7%									
813	0	$0	$79,095	($79,095)	-7%									
1240	0	$0	$78,948	($78,948)	-7%									
3500	0	$0	$78,728	($78,728)	-7%									
2169	0	$0	$78,720	($78,720)	-7%									
2959	0	$0	$78,266	($78,266)	-7%									
3086	0	$0	$78,182	($78,182)	-7%									
22	0	$0	$77,671	($77,671)	-7%									
822	0	$0	$77,479	($77,479)	-7%									
4812	0	$0	$77,457	($77,457)	-7%									
3859	0	$0	$77,435	($77,435)	-7%									
3553	0	$0	$77,411	($77,411)	-7%									
116	0	$0	$77,381	($77,381)	-7%									
4910	0	$0	$77,063	($77,063)	-7%									
222	0	$0	$76,773	($76,773)	-7%									

2723	0	$0	$76,595	($76,595)	-7%									
4896	0	$0	$76,542	($76,542)	-7%									
1480	0	$0	$76,459	($76,459)	-7%									
956	0	$0	$75,623	($75,623)	-7%									
1652	0	$0	$75,398	($75,398)	-7%									
4601	0	$0	$74,936	($74,936)	-7%									
2915	0	$0	$74,899	($74,899)	-7%									
3462	0	$0	$74,811	($74,811)	-7%									
2104	0	$0	$74,536	($74,536)	-7%									
3055	0	$0	$74,514	($74,514)	-7%									
2652	0	$0	$74,502	($74,502)	-7%									
2782	0	$0	$74,341	($74,341)	-7%									
2313	0	$0	$74,324	($74,324)	-7%									
1478	0	$0	$74,242	($74,242)	-7%									
1066	0	$0	$73,742	($73,742)	-7%									
182	0	$0	$73,699	($73,699)	-7%									
1526	0	$0	$73,254	($73,254)	-7%									
4284	0	$0	$73,108	($73,108)	-7%									
1682	0	$0	$73,103	($73,103)	-7%									
1996	0	$0	$73,092	($73,092)	-7%									
592	0	$0	$72,917	($72,917)	-7%									
1532	0	$0	$72,809	($72,809)	-7%									
34	0	$0	$72,606	($72,606)	-7%									
1301	0	$0	$72,564	($72,564)	-7%									
4633	0	$0	$72,355	($72,355)	-7%									
1302	0	$0	$72,130	($72,130)	-7%									
2327	0	$0	$72,120	($72,120)	-7%									
2717	0	$0	$71,882	($71,882)	-7%									
4849	0	$0	$71,485	($71,485)	-7%									
4265	0	$0	$70,597	($70,597)	-6%									
1469	0	$0	$70,551	($70,551)	-6%									
2148	0	$0	$69,786	($69,786)	-6%									
2451	0	$0	$69,146	($69,146)	-6%									
4725	0	$0	$69,120	($69,120)	-6%									
770	0	$0	$68,801	($68,801)	-6%									
2157	0	$0	$68,720	($68,720)	-6%									
2383	0	$0	$68,675	($68,675)	-6%									
440	0	$0	$68,191	($68,191)	-6%									
282	0	$0	$68,048	($68,048)	-6%									
846	0	$0	$67,973	($67,973)	-6%									
3529	0	$0	$67,916	($67,916)	-6%									
306	0	$0	$67,778	($67,778)	-6%									
2481	0	$0	$67,708	($67,708)	-6%									
1784	0	$0	$67,392	($67,392)	-6%									
170	0	$0	$67,340	($67,340)	-6%									
4969	0	$0	$67,334	($67,334)	-6%									
457	0	$0	$67,280	($67,280)	-6%									
3856	0	$0	$67,177	($67,177)	-6%									
59	0	$0	$67,053	($67,053)	-6%									

4693	0	$0	$66,842	($66,842)	-6%									
2224	0	$0	$66,669	($66,669)	-6%									
737	0	$0	$66,456	($66,456)	-6%									
2847	0	$0	$66,383	($66,383)	-6%									
4677	0	$0	$66,192	($66,192)	-6%									
3506	0	$0	$66,164	($66,164)	-6%									
3572	0	$0	$66,056	($66,056)	-6%									
4184	0	$0	$65,951	($65,951)	-6%									
502	0	$0	$65,808	($65,808)	-6%									
1494	0	$0	$65,735	($65,735)	-6%									
2230	0	$0	$65,515	($65,515)	-6%									
4513	0	$0	$65,213	($65,213)	-6%									
3448	0	$0	$65,087	($65,087)	-6%									
4991	0	$0	$65,043	($65,043)	-6%									
1143	0	$0	$64,960	($64,960)	-6%									
156	0	$0	$64,208	($64,208)	-6%									
2501	0	$0	$64,103	($64,103)	-6%									
1271	0	$0	$63,899	($63,899)	-6%									
1222	0	$0	$63,850	($63,850)	-6%									
797	0	$0	$63,533	($63,533)	-6%									
4732	0	$0	$63,405	($63,405)	-6%									
106	0	$0	$63,046	($63,046)	-6%									
4452	0	$0	$62,637	($62,637)	-6%									
3093	0	$0	$62,607	($62,607)	-6%									
4180	0	$0	$62,582	($62,582)	-6%									
3597	0	$0	$62,551	($62,551)	-6%									
2892	0	$0	$62,215	($62,215)	-6%									
2381	0	$0	$62,208	($62,208)	-6%									
4250	0	$0	$62,199	($62,199)	-6%									
2047	0	$0	$62,128	($62,128)	-6%									
3791	0	$0	$61,474	($61,474)	-6%									
155	0	$0	$61,396	($61,396)	-6%									
479	0	$0	$61,138	($61,138)	-6%									
2811	0	$0	$60,902	($60,902)	-6%									
195	0	$0	$60,787	($60,787)	-6%									
1560	0	$0	$60,138	($60,138)	-5%									
4027	0	$0	$60,134	($60,134)	-5%									
2453	0	$0	$59,893	($59,893)	-5%									
4615	0	$0	$59,866	($59,866)	-5%									
3307	0	$0	$59,702	($59,702)	-5%									
4383	0	$0	$59,486	($59,486)	-5%									
4718	0	$0	$59,401	($59,401)	-5%									
4136	0	$0	$59,369	($59,369)	-5%									
4450	0	$0	$59,305	($59,305)	-5%									
1320	0	$0	$59,134	($59,134)	-5%									
496	0	$0	$59,006	($59,006)	-5%									
2398	0	$0	$58,846	($58,846)	-5%									
12	0	$0	$58,643	($58,643)	-5%									
1657	0	$0	$58,636	($58,636)	-5%									

1820	0	$0	$58,450	($58,450)	-5%									
4004	0	$0	$57,952	($57,952)	-5%									
3570	0	$0	$57,922	($57,922)	-5%									
4811	0	$0	$57,879	($57,879)	-5%									
523	0	$0	$57,830	($57,830)	-5%									
915	0	$0	$57,704	($57,704)	-5%									
679	0	$0	$57,180	($57,180)	-5%									
1662	0	$0	$57,124	($57,124)	-5%									
869	0	$0	$56,982	($56,982)	-5%									
2115	0	$0	$56,877	($56,877)	-5%									
1442	0	$0	$56,795	($56,795)	-5%									
1606	0	$0	$56,674	($56,674)	-5%									
3656	0	$0	$56,551	($56,551)	-5%									
2154	0	$0	$56,482	($56,482)	-5%									
732	0	$0	$56,321	($56,321)	-5%									
4318	0	$0	$56,135	($56,135)	-5%									
857	0	$0	$56,125	($56,125)	-5%									
667	0	$0	$56,070	($56,070)	-5%									
4766	0	$0	$56,053	($56,053)	-5%									
2495	0	$0	$56,032	($56,032)	-5%									
3557	0	$0	$55,670	($55,670)	-5%									
4426	0	$0	$55,246	($55,246)	-5%									
3585	0	$0	$55,066	($55,066)	-5%									
2437	0	$0	$54,577	($54,577)	-5%									
2931	0	$0	$54,575	($54,575)	-5%									
2819	0	$0	$54,557	($54,557)	-5%									
4326	0	$0	$54,476	($54,476)	-5%									
880	0	$0	$54,267	($54,267)	-5%									
632	0	$0	$54,178	($54,178)	-5%									
1042	0	$0	$54,116	($54,116)	-5%									
2173	0	$0	$54,095	($54,095)	-5%									
4970	0	$0	$54,037	($54,037)	-5%									
3125	0	$0	$53,979	($53,979)	-5%									
2273	0	$0	$53,284	($53,284)	-5%									
750	0	$0	$52,997	($52,997)	-5%									
4351	0	$0	$52,985	($52,985)	-5%									
1708	0	$0	$52,952	($52,952)	-5%									
4942	0	$0	$52,886	($52,886)	-5%									
2374	0	$0	$52,741	($52,741)	-5%									
472	0	$0	$52,737	($52,737)	-5%									
3836	0	$0	$52,533	($52,533)	-5%									
2893	0	$0	$52,408	($52,408)	-5%									
4282	0	$0	$52,032	($52,032)	-5%									
4590	0	$0	$51,785	($51,785)	-5%									
3188	0	$0	$51,687	($51,687)	-5%									
2004	0	$0	$51,555	($51,555)	-5%									
3009	0	$0	$51,481	($51,481)	-5%									
4712	0	$0	$51,228	($51,228)	-5%									
1913	0	$0	$51,185	($51,185)	-5%									

1228	0	$0	$51,038	($51,038)	-5%									
4428	0	$0	$51,014	($51,014)	-5%									
675	0	$0	$50,439	($50,439)	-5%									
1978	0	$0	$50,351	($50,351)	-5%									
3961	0	$0	$50,231	($50,231)	-5%									
4237	0	$0	$50,200	($50,200)	-5%									
4828	0	$0	$50,154	($50,154)	-5%									
4369	0	$0	$50,144	($50,144)	-5%									
1906	0	$0	$50,103	($50,103)	-5%									
624	0	$0	$50,050	($50,050)	-5%									
329	0	$0	$50,047	($50,047)	-5%									
1170	0	$0	$49,964	($49,964)	-5%									
2852	0	$0	$49,828	($49,828)	-5%									
594	0	$0	$49,535	($49,535)	-5%									
3633	0	$0	$49,530	($49,530)	-5%									
849	0	$0	$49,320	($49,320)	-4%									
3330	0	$0	$48,924	($48,924)	-4%									
4534	0	$0	$48,789	($48,789)	-4%									
2983	0	$0	$48,654	($48,654)	-4%									
4035	0	$0	$48,553	($48,553)	-4%									
3934	0	$0	$48,362	($48,362)	-4%									
436	0	$0	$48,200	($48,200)	-4%									
2626	0	$0	$48,195	($48,195)	-4%									
3942	0	$0	$48,008	($48,008)	-4%									
835	0	$0	$47,968	($47,968)	-4%									
3793	0	$0	$47,932	($47,932)	-4%									
2736	0	$0	$47,881	($47,881)	-4%									
4230	0	$0	$47,710	($47,710)	-4%									
3809	0	$0	$47,392	($47,392)	-4%									
2668	0	$0	$47,229	($47,229)	-4%									
3001	0	$0	$47,164	($47,164)	-4%									
4512	0	$0	$47,147	($47,147)	-4%									
3535	0	$0	$47,008	($47,008)	-4%									
3064	0	$0	$46,989	($46,989)	-4%									
617	0	$0	$46,863	($46,863)	-4%									
2021	0	$0	$46,811	($46,811)	-4%									
3991	0	$0	$46,741	($46,741)	-4%									
3182	0	$0	$46,725	($46,725)	-4%									
3745	0	$0	$46,700	($46,700)	-4%									
194	0	$0	$46,552	($46,552)	-4%									
2035	0	$0	$46,487	($46,487)	-4%									
2962	0	$0	$46,358	($46,358)	-4%									
103	0	$0	$46,154	($46,154)	-4%									
515	0	$0	$45,940	($45,940)	-4%									
3099	0	$0	$45,912	($45,912)	-4%									
3212	0	$0	$45,831	($45,831)	-4%									
2927	0	$0	$45,747	($45,747)	-4%									
3888	0	$0	$45,679	($45,679)	-4%									
466	0	$0	$45,415	($45,415)	-4%									

18	0	$0	$45,058	($45,058)	-4%									
3914	0	$0	$45,044	($45,044)	-4%									
696	0	$0	$44,987	($44,987)	-4%									
2249	0	$0	$44,955	($44,955)	-4%									
402	0	$0	$44,899	($44,899)	-4%									
1580	0	$0	$44,431	($44,431)	-4%									
1775	0	$0	$44,354	($44,354)	-4%									
4804	0	$0	$44,207	($44,207)	-4%									
1618	0	$0	$43,875	($43,875)	-4%									
3818	0	$0	$43,859	($43,859)	-4%									
1186	0	$0	$43,714	($43,714)	-4%									
3265	0	$0	$43,532	($43,532)	-4%									
3179	0	$0	$42,727	($42,727)	-4%									
1740	0	$0	$42,691	($42,691)	-4%									
86	0	$0	$42,629	($42,629)	-4%									
1626	0	$0	$42,420	($42,420)	-4%									
2691	0	$0	$42,322	($42,322)	-4%									
2231	0	$0	$42,291	($42,291)	-4%									
3958	0	$0	$42,238	($42,238)	-4%									
2362	0	$0	$42,232	($42,232)	-4%									
3150	0	$0	$41,884	($41,884)	-4%									
3414	0	$0	$41,795	($41,795)	-4%									
2165	0	$0	$41,273	($41,273)	-4%									
2866	0	$0	$41,264	($41,264)	-4%									
3378	0	$0	$41,134	($41,134)	-4%									
4674	0	$0	$41,017	($41,017)	-4%									
4424	0	$0	$40,773	($40,773)	-4%									
4544	0	$0	$40,631	($40,631)	-4%									
4878	0	$0	$40,582	($40,582)	-4%									
4713	0	$0	$40,550	($40,550)	-4%									
3907	0	$0	$40,395	($40,395)	-4%									
1430	0	$0	$40,380	($40,380)	-4%									
3841	0	$0	$40,354	($40,354)	-4%									
216	0	$0	$40,347	($40,347)	-4%									
2832	0	$0	$40,015	($40,015)	-4%									
3075	0	$0	$39,934	($39,934)	-4%									
394	0	$0	$39,804	($39,804)	-4%									
2762	0	$0	$39,747	($39,747)	-4%									
1178	0	$0	$39,724	($39,724)	-4%									
4637	0	$0	$39,541	($39,541)	-4%									
2562	0	$0	$39,404	($39,404)	-4%									
975	0	$0	$39,203	($39,203)	-4%									
3347	0	$0	$39,157	($39,157)	-4%									
4908	0	$0	$39,144	($39,144)	-4%									
390	0	$0	$38,499	($38,499)	-4%									
1364	0	$0	$38,435	($38,435)	-4%									
2306	0	$0	$38,391	($38,391)	-3%									
2128	0	$0	$37,994	($37,994)	-3%									
1194	0	$0	$37,736	($37,736)	-3%									

3376	0	$0	$37,495	($37,495)	-3%									
4567	0	$0	$37,486	($37,486)	-3%									
3710	0	$0	$37,467	($37,467)	-3%									
2246	0	$0	$37,351	($37,351)	-3%									
4611	0	$0	$37,225	($37,225)	-3%									
343	0	$0	$37,096	($37,096)	-3%									
4196	0	$0	$37,026	($37,026)	-3%									
3735	0	$0	$37,014	($37,014)	-3%									
584	0	$0	$37,011	($37,011)	-3%									
1356	0	$0	$36,830	($36,830)	-3%									
3000	0	$0	$36,397	($36,397)	-3%									
3974	0	$0	$36,008	($36,008)	-3%									
4569	0	$0	$35,990	($35,990)	-3%									
651	0	$0	$35,854	($35,854)	-3%									
3074	0	$0	$35,609	($35,609)	-3%									
704	0	$0	$35,536	($35,536)	-3%									
4266	0	$0	$35,364	($35,364)	-3%									
4950	0	$0	$34,506	($34,506)	-3%									
609	0	$0	$34,477	($34,477)	-3%									
3306	0	$0	$34,473	($34,473)	-3%									
3769	0	$0	$34,318	($34,318)	-3%									
2209	0	$0	$34,191	($34,191)	-3%									
4238	0	$0	$34,174	($34,174)	-3%									
3269	0	$0	$34,155	($34,155)	-3%									
1514	0	$0	$34,076	($34,076)	-3%									
4303	0	$0	$34,066	($34,066)	-3%									
2520	0	$0	$34,034	($34,034)	-3%									
4389	0	$0	$33,736	($33,736)	-3%									
901	0	$0	$33,516	($33,516)	-3%									
1968	0	$0	$33,258	($33,258)	-3%									
3658	0	$0	$32,946	($32,946)	-3%									
4256	0	$0	$32,747	($32,747)	-3%									
2473	0	$0	$32,664	($32,664)	-3%									
2841	0	$0	$32,271	($32,271)	-3%									
2657	0	$0	$32,260	($32,260)	-3%									
1470	0	$0	$32,093	($32,093)	-3%									
2086	0	$0	$32,092	($32,092)	-3%									
662	0	$0	$32,025	($32,025)	-3%									
110	0	$0	$31,538	($31,538)	-3%									
67	0	$0	$31,262	($31,262)	-3%									
4048	0	$0	$31,182	($31,182)	-3%									
2733	0	$0	$31,088	($31,088)	-3%									
2591	0	$0	$30,966	($30,966)	-3%									
4296	0	$0	$30,914	($30,914)	-3%									
2296	0	$0	$30,802	($30,802)	-3%									
1881	0	$0	$30,799	($30,799)	-3%									
3297	0	$0	$30,750	($30,750)	-3%									
4818	0	$0	$30,440	($30,440)	-3%									
1749	0	$0	$30,439	($30,439)	-3%									

3854	0	$0	$30,424	($30,424)	-3%									
3492	0	$0	$30,081	($30,081)	-3%									
1198	0	$0	$29,871	($29,871)	-3%									
3065	0	$0	$29,770	($29,770)	-3%									
422	0	$0	$29,740	($29,740)	-3%									
4119	0	$0	$29,708	($29,708)	-3%									
1771	0	$0	$29,675	($29,675)	-3%									
2573	0	$0	$29,082	($29,082)	-3%									
2326	0	$0	$28,758	($28,758)	-3%									
4566	0	$0	$28,704	($28,704)	-3%									
4486	0	$0	$28,564	($28,564)	-3%									
4114	0	$0	$28,496	($28,496)	-3%									
4095	0	$0	$28,494	($28,494)	-3%									
904	0	$0	$28,368	($28,368)	-3%									
818	0	$0	$28,352	($28,352)	-3%									
4543	0	$0	$28,320	($28,320)	-3%									
4460	0	$0	$28,137	($28,137)	-3%									
2135	0	$0	$28,062	($28,062)	-3%									
3439	0	$0	$27,959	($27,959)	-3%									
4268	0	$0	$27,920	($27,920)	-3%									
1248	0	$0	$27,608	($27,608)	-3%									
4154	0	$0	$27,007	($27,007)	-2%									
2738	0	$0	$26,980	($26,980)	-2%									
2938	0	$0	$26,575	($26,575)	-2%									
4777	0	$0	$26,484	($26,484)	-2%									
2848	0	$0	$26,196	($26,196)	-2%									
4503	0	$0	$25,962	($25,962)	-2%									
4933	0	$0	$25,891	($25,891)	-2%									
2763	0	$0	$25,360	($25,360)	-2%									
1573	0	$0	$24,993	($24,993)	-2%									
474	0	$0	$24,967	($24,967)	-2%									
545	0	$0	$24,812	($24,812)	-2%									
2949	0	$0	$24,027	($24,027)	-2%									
4007	0	$0	$24,009	($24,009)	-2%									
1354	0	$0	$23,808	($23,808)	-2%									
4257	0	$0	$23,647	($23,647)	-2%									
3335	0	$0	$23,632	($23,632)	-2%									
1928	0	$0	$23,521	($23,521)	-2%									
680	0	$0	$23,324	($23,324)	-2%									
2537	0	$0	$23,137	($23,137)	-2%									
1051	0	$0	$22,829	($22,829)	-2%									
366	0	$0	$22,828	($22,828)	-2%									
4921	0	$0	$22,817	($22,817)	-2%									
3474	0	$0	$22,811	($22,811)	-2%									
3705	0	$0	$22,391	($22,391)	-2%									
3332	0	$0	$22,361	($22,361)	-2%									
3311	0	$0	$21,866	($21,866)	-2%									
1428	0	$0	$21,830	($21,830)	-2%									
3149	0	$0	$21,782	($21,782)	-2%									

2347	0	$0	$21,658	($21,658)	-2%									
3022	0	$0	$21,241	($21,241)	-2%									
4857	0	$0	$21,142	($21,142)	-2%									
976	0	$0	$21,106	($21,106)	-2%									
3079	0	$0	$21,048	($21,048)	-2%									
291	0	$0	$20,840	($20,840)	-2%									
2525	0	$0	$20,646	($20,646)	-2%									
2724	0	$0	$20,533	($20,533)	-2%									
3459	0	$0	$20,482	($20,482)	-2%									
1795	0	$0	$20,297	($20,297)	-2%									
3675	0	$0	$20,243	($20,243)	-2%									
3495	0	$0	$20,041	($20,041)	-2%									
409	0	$0	$20,012	($20,012)	-2%									
4558	0	$0	$19,915	($19,915)	-2%									
477	0	$0	$19,819	($19,819)	-2%									
3384	0	$0	$19,776	($19,776)	-2%									
4968	0	$0	$19,596	($19,596)	-2%									
3133	0	$0	$19,570	($19,570)	-2%									
344	0	$0	$19,109	($19,109)	-2%									
2742	0	$0	$19,097	($19,097)	-2%									
2111	0	$0	$19,027	($19,027)	-2%									
304	0	$0	$18,981	($18,981)	-2%									
3344	0	$0	$18,811	($18,811)	-2%									
1798	0	$0	$18,662	($18,662)	-2%									
2183	0	$0	$18,650	($18,650)	-2%									
190	0	$0	$18,304	($18,304)	-2%									
52	0	$0	$17,590	($17,590)	-2%									
4941	0	$0	$17,507	($17,507)	-2%									
949	0	$0	$17,448	($17,448)	-2%									
1666	0	$0	$17,053	($17,053)	-2%									
4979	0	$0	$16,897	($16,897)	-2%									
2000	0	$0	$16,866	($16,866)	-2%									
1721	0	$0	$16,792	($16,792)	-2%									
4502	0	$0	$16,607	($16,607)	-2%									
354	0	$0	$16,508	($16,508)	-2%									
4691	0	$0	$16,470	($16,470)	-2%									
892	0	$0	$16,224	($16,224)	-1%									
2295	0	$0	$15,916	($15,916)	-1%									
375	0	$0	$15,848	($15,848)	-1%									
4847	0	$0	$15,647	($15,647)	-1%									
2734	0	$0	$15,340	($15,340)	-1%									
169	0	$0	$15,146	($15,146)	-1%									
2807	0	$0	$15,140	($15,140)	-1%									
4522	0	$0	$15,109	($15,109)	-1%									
79	0	$0	$14,905	($14,905)	-1%									
485	0	$0	$14,867	($14,867)	-1%									
1687	0	$0	$14,818	($14,818)	-1%									
2860	0	$0	$14,807	($14,807)	-1%									
2276	0	$0	$14,749	($14,749)	-1%									

2503	0	$0	$14,662	($14,662)	-1%									
2233	0	$0	$14,420	($14,420)	-1%									
839	0	$0	$14,337	($14,337)	-1%									
3873	0	$0	$14,196	($14,196)	-1%									
3993	0	$0	$14,178	($14,178)	-1%									
1872	0	$0	$14,063	($14,063)	-1%									
248	0	$0	$13,880	($13,880)	-1%									
877	0	$0	$13,864	($13,864)	-1%									
333	0	$0	$13,669	($13,669)	-1%									
3399	0	$0	$13,614	($13,614)	-1%									
4882	0	$0	$13,600	($13,600)	-1%									
61	0	$0	$13,586	($13,586)	-1%									
171	0	$0	$13,538	($13,538)	-1%									
3034	0	$0	$13,528	($13,528)	-1%									
535	0	$0	$13,514	($13,514)	-1%									
1281	0	$0	$13,417	($13,417)	-1%									
2907	0	$0	$13,194	($13,194)	-1%									
188	0	$0	$12,773	($12,773)	-1%									
2766	0	$0	$12,672	($12,672)	-1%									
1330	0	$0	$12,618	($12,618)	-1%									
2337	0	$0	$12,385	($12,385)	-1%									
618	0	$0	$12,300	($12,300)	-1%									
4156	0	$0	$12,296	($12,296)	-1%									
4826	0	$0	$12,266	($12,266)	-1%									
1319	0	$0	$11,930	($11,930)	-1%									
1709	0	$0	$11,825	($11,825)	-1%									
2478	0	$0	$11,506	($11,506)	-1%									
1729	0	$0	$11,484	($11,484)	-1%									
2277	0	$0	$11,323	($11,323)	-1%									
417	0	$0	$11,269	($11,269)	-1%									
2336	0	$0	$11,149	($11,149)	-1%									
4650	0	$0	$11,132	($11,132)	-1%									
2859	0	$0	$11,088	($11,088)	-1%									
4990	0	$0	$11,053	($11,053)	-1%									
3345	0	$0	$10,765	($10,765)	-1%									
4668	0	$0	$10,553	($10,553)	-1%									
3518	0	$0	$10,475	($10,475)	-1%									
2951	0	$0	$10,271	($10,271)	-1%									
1782	0	$0	$10,199	($10,199)	-1%									
4773	0	$0	$10,186	($10,186)	-1%									
2649	0	$0	$10,164	($10,164)	-1%									
2425	0	$0	$9,987	($9,987)	-1%									
1196	0	$0	$9,689	($9,689)	-1%									
405	0	$0	$9,670	($9,670)	-1%									
1676	0	$0	$9,629	($9,629)	-1%									
2790	0	$0	$9,590	($9,590)	-1%									
3764	0	$0	$9,563	($9,563)	-1%									
2345	0	$0	$9,458	($9,458)	-1%									
3266	0	$0	$9,376	($9,376)	-1%									

328	0	$0	$9,207	($9,207)	-1%									
3655	0	$0	$8,916	($8,916)	-1%									
98	0	$0	$8,827	($8,827)	-1%									
2137	0	$0	$8,825	($8,825)	-1%									
4922	0	$0	$8,425	($8,425)	-1%									
4104	0	$0	$8,321	($8,321)	-1%									
1024	0	$0	$8,297	($8,297)	-1%									
4575	0	$0	$8,198	($8,198)	-1%									
4439	0	$0	$7,493	($7,493)	-1%									
468	0	$0	$7,476	($7,476)	-1%									
3422	0	$41,013	$7,399	($7,399)	-1%									
4016	0	$0	$7,149	($7,149)	-1%									
2571	0	$0	$7,003	($7,003)	-1%									
4490	0	$0	$6,966	($6,966)	-1%									
3881	0	$0	$6,947	($6,947)	-1%									
2795	0	$0	$6,784	($6,784)	-1%									
4011	0	$0	$6,741	($6,741)	-1%									
224	0	$0	$6,641	($6,641)	-1%									
1698	0	$0	$6,169	($6,169)	-1%									
2265	0	$0	$6,085	($6,085)	-1%									
1984	0	$0	$5,669	($5,669)	-1%									
4070	0	$0	$5,660	($5,660)	-1%									
1297	0	$0	$5,642	($5,642)	-1%									
656	0	$0	$5,379	($5,379)	0%									
1010	0	$0	$5,215	($5,215)	0%									
1041	0	$0	$5,143	($5,143)	0%									
4881	0	$0	$4,980	($4,980)	0%									
296	0	$0	$4,953	($4,953)	0%									
13	0	$0	$4,936	($4,936)	0%									
1558	0	$0	$4,526	($4,526)	0%									
3831	0	$0	$4,314	($4,314)	0%									
2258	0	$0	$4,108	($4,108)	0%									
1848	0	$0	$4,052	($4,052)	0%									
4523	0	$0	$4,034	($4,034)	0%									
1839	0	$0	$3,813	($3,813)	0%									
3935	0	$0	$3,554	($3,554)	0%									
3606	0	$0	$3,529	($3,529)	0%									
3128	0	$18,462	$3,382	($3,382)	0%									
3274	0	$0	$2,897	($2,897)	0%									
2743	0	$0	$2,867	($2,867)	0%									
437	0	$0	$2,773	($2,773)	0%									
2709	0	$0	$2,762	($2,762)	0%									
1472	0	$17,108	$2,468	($2,468)	0%									
2798	0	$0	$2,064	($2,064)	0%									
1568	0	$0	$1,951	($1,951)	0%									
3594	0	$0	$1,849	($1,849)	0%									
2588	0	$0	$1,825	($1,825)	0%									
4131	0	$24,754	$1,791	($1,791)	0%									
1585	0	$19,033	$1,732	($1,732)	0%									

1931	0	$0	$1,484	($1,484)	0%									
3867	0	$0	$1,478	($1,478)	0%									
1578	0	$8,868	$1,440	($1,440)	0%									
1691	0	$0	$1,269	($1,269)	0%									
3317	0	$0	$1,224	($1,224)	0%									
1134	0	$0	$1,172	($1,172)	0%									
3445	0	$9,181	$1,170	($1,170)	0%									
1347	0	$5,496	$1,130	($1,130)	0%									
2391	0	$2,257	$1,034	($1,034)	0%									
2382	0	$2,336	$1,032	($1,032)	0%									
941	0	$4,450	$994	($994)	0%									
4852	0	$6,780	$982	($982)	0%									
3252	0	$1,948	$973	($973)	0%									
269	0	$0	$967	($967)	0%									
4019	0	$23,977	$959	($959)	0%									
2480	0	$0	$947	($947)	0%									
2030	0	$2,549	$901	($901)	0%									
1481	0	$8,960	$882	($882)	0%									
4332	0	$10,423	$772	($772)	0%									
3389	0	$14,466	$616	($616)	0%									
3590	0	$13,892	$598	($598)	0%									
39	0	$9,961	$528	($528)	0%									
560	0	$12,439	$514	($514)	0%									
4309	0	$7,529	$485	($485)	0%									
2504	0	$29,150	$485	($485)	0%									
2303	0	$3,203	$454	($454)	0%									
2248	0	$13,517	$444	($444)	0%									
1556	0	$3,257	$417	($417)	0%									
363	0	$0	$402	($402)	0%									
955	0	$10,212	$345	($345)	0%									
1386	0	$10,455	$341	($341)	0%									
4046	0	$7,261	$305	($305)	0%									
4639	0	$14,124	$298	($298)	0%									
2884	0	$30,637	$275	($275)	0%									
270	0	$0	$216	($216)	0%									
3449	0	$0	$212	($212)	0%									
3155	0	$5,483	$198	($198)	0%									
744	0	$1,844	$183	($183)	0%									
4251	0	$21,277	$163	($163)	0%									
3446	0	$4,406	$159	($159)	0%									
4176	0	$30,022	$135	($135)	0%									
879	0	$9,669	$106	($106)	0%									
1154	0	$3,098	$100	($100)	0%									
2259	0	$11,124	$35	($35)	0%									
4380	0	$18,409	$25	($25)	0%									
1550	0	$15,864	$18	($18)	0%									
406	0	$1,978	$16	($16)	0%									
3528	1	$576	$0	$576	0%									
1244	1	$985	$0	$985	0%									

1109	1	$1,087	$0	$1,087	0%									
933	1	$1,127	$0	$1,127	0%									
2433	1	$1,829	$0	$1,829	0%									
4730	1	$2,280	$0	$2,280	0%									
3884	1	$2,544	$0	$2,544	0%									
4756	1	$2,757	$0	$2,757	0%									
730	1	$3,007	$0	$3,007	0%									
1990	1	$3,893	$0	$3,893	0%									
136	1	$4,230	$0	$4,230	0%									
2890	1	$4,367	$0	$4,367	0%									
4883	1	$4,871	$0	$4,871	0%									
2794	1	$5,595	$0	$5,595	1%									
3921	1	$5,702	$0	$5,702	1%									
3390	1	$5,838	$0	$5,838	1%									
3221	1	$6,225	$0	$6,225	1%									
718	1	$6,262	$0	$6,262	1%									
4407	1	$6,431	$0	$6,431	1%									
4577	1	$6,447	$0	$6,447	1%									
2925	1	$6,492	$0	$6,492	1%									
3647	1	$7,078	$0	$7,078	1%									
1272	1	$7,135	$0	$7,135	1%									
3925	1	$7,690	$0	$7,690	1%									
908	1	$7,722	$0	$7,722	1%									
1620	1	$7,898	$0	$7,898	1%									
3550	1	$7,968	$0	$7,968	1%									
1903	1	$8,214	$0	$8,214	1%									
4670	1	$8,325	$0	$8,325	1%									
2361	1	$8,377	$0	$8,377	1%									
3348	1	$8,467	$0	$8,467	1%									
4340	1	$8,493	$0	$8,493	1%									
3281	1	$9,346	$0	$9,346	1%									
1502	1	$9,500	$0	$9,500	1%									
2285	1	$9,620	$0	$9,620	1%									
1282	1	$9,652	$0	$9,652	1%									
1027	1	$10,027	$0	$10,027	1%									
486	1	$10,310	$0	$10,310	1%									
3196	1	$10,655	$0	$10,655	1%									
1483	1	$10,956	$0	$10,956	1%									
4461	1	$11,044	$0	$11,044	1%									
1631	1	$11,078	$0	$11,078	1%									
1085	1	$11,200	$0	$11,200	1%									
1774	1	$11,227	$0	$11,227	1%									
187	1	$11,696	$0	$11,696	1%									
1702	1	$11,749	$0	$11,749	1%									
2494	1	$11,830	$0	$11,830	1%									
2194	1	$11,924	$0	$11,924	1%									
4759	1	$11,974	$0	$11,974	1%									
2470	1	$12,063	$0	$12,063	1%									
2999	1	$12,127	$0	$12,127	1%									

252	1	$12,349	$0	$12,349	1%									
2325	1	$12,679	$0	$12,679	1%									
210	1	$12,907	$0	$12,907	1%									
1651	1	$13,032	$0	$13,032	1%									
1757	1	$13,148	$0	$13,148	1%									
668	1	$13,526	$0	$13,526	1%									
3120	1	$13,848	$0	$13,848	1%									
1313	1	$13,848	$0	$13,848	1%									
2864	1	$14,299	$0	$14,299	1%									
4640	1	$14,303	$0	$14,303	1%									
4003	1	$14,749	$0	$14,749	1%									
3994	1	$14,895	$0	$14,895	1%									
1914	1	$14,943	$0	$14,943	1%									
200	1	$15,064	$0	$15,064	1%									
4365	1	$15,349	$0	$15,349	1%									
371	1	$15,366	$0	$15,366	1%									
4515	1	$15,800	$0	$15,800	1%									
3052	1	$15,825	$0	$15,825	1%									
1395	1	$15,924	$0	$15,924	1%									
3194	1	$15,928	$0	$15,928	1%									
1788	1	$15,987	$0	$15,987	1%									
2454	1	$16,003	$0	$16,003	1%									
2139	1	$16,126	$0	$16,126	1%									
228	1	$16,202	$0	$16,202	1%									
4384	1	$16,367	$0	$16,367	1%									
2092	1	$16,368	$0	$16,368	1%									
804	1	$16,408	$0	$16,408	1%									
4548	1	$16,687	$0	$16,687	2%									
1748	1	$16,696	$0	$16,696	2%									
1096	1	$16,804	$0	$16,804	2%									
48	1	$16,982	$0	$16,982	2%									
2527	1	$17,074	$0	$17,074	2%									
4954	1	$17,133	$0	$17,133	2%									
1972	1	$17,179	$0	$17,179	2%									
1312	1	$17,235	$0	$17,235	2%									
4415	1	$17,531	$0	$17,531	2%									
820	1	$17,832	$0	$17,832	2%									
2058	1	$17,975	$0	$17,975	2%									
3316	1	$18,025	$0	$18,025	2%									
2440	1	$18,284	$0	$18,284	2%									
1892	1	$18,764	$0	$18,764	2%									
4884	1	$18,767	$0	$18,767	2%									
2396	1	$18,798	$0	$18,798	2%									
1067	1	$18,846	$0	$18,846	2%									
2577	1	$19,081	$0	$19,081	2%									
3667	1	$19,084	$0	$19,084	2%									
3023	1	$19,593	$0	$19,593	2%									
913	1	$19,705	$0	$19,705	2%									
4965	1	$20,098	$0	$20,098	2%									

3388	1	$20,269	$0	$20,269	2%									
4170	1	$20,278	$0	$20,278	2%									
2331	1	$20,318	$0	$20,318	2%									
2322	1	$20,449	$0	$20,449	2%									
1517	1	$21,076	$0	$21,076	2%									
4005	1	$21,871	$0	$21,871	2%									
4359	1	$21,887	$0	$21,887	2%									
3659	1	$21,928	$0	$21,928	2%									
3078	1	$21,981	$0	$21,981	2%									
449	1	$22,062	$0	$22,062	2%									
4192	1	$22,466	$0	$22,466	2%									
709	1	$22,510	$0	$22,510	2%									
6	1	$22,663	$0	$22,663	2%									
2540	1	$23,538	$0	$23,538	2%									
1214	1	$23,639	$0	$23,639	2%									
4588	1	$23,690	$0	$23,690	2%									
626	1	$24,037	$0	$24,037	2%									
1323	1	$24,409	$0	$24,409	2%									
132	1	$24,419	$0	$24,419	2%									
3424	1	$24,676	$0	$24,676	2%									
3654	1	$25,013	$0	$25,013	2%									
2338	1	$25,039	$0	$25,039	2%									
3227	1	$25,128	$0	$25,128	2%									
2862	1	$25,560	$0	$25,560	2%									
3026	1	$25,673	$0	$25,673	2%									
4825	1	$25,891	$0	$25,891	2%									
1679	1	$25,968	$0	$25,968	2%									
1280	1	$26,126	$0	$26,126	2%									
1028	1	$26,754	$0	$26,754	2%									
3025	1	$26,773	$0	$26,773	2%									
4870	1	$27,129	$0	$27,129	2%									
4020	1	$27,450	$0	$27,450	3%									
3352	1	$27,469	$0	$27,469	3%									
3405	1	$27,682	$0	$27,682	3%									
1151	1	$27,872	$0	$27,872	3%									
4232	1	$27,882	$0	$27,882	3%									
2877	1	$27,905	$0	$27,905	3%									
3401	1	$27,985	$0	$27,985	3%									
4727	1	$28,048	$0	$28,048	3%									
936	1	$28,162	$0	$28,162	3%									
4357	1	$28,326	$0	$28,326	3%									
4891	1	$28,654	$0	$28,654	3%									
4752	1	$28,801	$0	$28,801	3%									
768	1	$28,837	$0	$28,837	3%									
4767	1	$28,932	$0	$28,932	3%									
2606	1	$28,945	$0	$28,945	3%									
2519	1	$28,979	$0	$28,979	3%									
137	1	$29,203	$0	$29,203	3%									
1653	1	$29,647	$0	$29,647	3%									

4002	1	$29,763	$0	$29,763	3%									
4714	1	$30,115	$0	$30,115	3%									
1530	1	$30,145	$0	$30,145	3%									
603	1	$30,387	$0	$30,387	3%									
4009	1	$30,498	$0	$30,498	3%									
4301	1	$30,718	$0	$30,718	3%									
3354	1	$30,913	$0	$30,913	3%									
2726	1	$30,922	$0	$30,922	3%									
1588	1	$31,093	$0	$31,093	3%									
4707	1	$31,431	$0	$31,431	3%									
2696	1	$31,633	$0	$31,633	3%									
1457	1	$31,637	$0	$31,637	3%									
3042	1	$31,701	$0	$31,701	3%									
4226	1	$31,797	$0	$31,797	3%									
3491	1	$31,917	$0	$31,917	3%									
2957	1	$32,082	$0	$32,082	3%									
4000	1	$32,511	$0	$32,511	3%									
4206	1	$32,513	$0	$32,513	3%									
954	1	$32,641	$0	$32,641	3%									
3239	1	$32,870	$0	$32,870	3%									
2996	1	$33,097	$0	$33,097	3%									
830	1	$33,101	$0	$33,101	3%									
2132	1	$33,686	$0	$33,686	3%									
2615	1	$33,791	$0	$33,791	3%									
1678	1	$33,855	$0	$33,855	3%									
3379	1	$33,882	$0	$33,882	3%									
809	1	$34,025	$0	$34,025	3%									
4723	1	$34,185	$0	$34,185	3%									
2521	1	$35,098	$0	$35,098	3%									
4459	1	$35,236	$0	$35,236	3%									
1070	1	$35,320	$0	$35,320	3%									
2114	1	$35,327	$0	$35,327	3%									
4554	1	$35,457	$0	$35,457	3%									
4191	1	$35,645	$0	$35,645	3%									
4443	1	$35,648	$0	$35,648	3%									
1206	1	$35,692	$0	$35,692	3%									
165	1	$35,888	$0	$35,888	3%									
312	1	$36,148	$0	$36,148	3%									
2531	1	$36,478	$0	$36,478	3%									
630	1	$36,536	$0	$36,536	3%									
4026	1	$36,998	$0	$36,998	3%									
36	1	$37,266	$0	$37,266	3%									
1159	1	$37,333	$0	$37,333	3%									
1852	1	$37,345	$0	$37,345	3%									
4437	1	$38,110	$0	$38,110	3%									
3130	1	$38,170	$0	$38,170	3%									
1000	1	$38,180	$0	$38,180	3%									
1715	1	$38,453	$0	$38,453	4%									
2695	1	$38,536	$0	$38,536	4%									

4659	1	$38,573	$0	$38,573	4%									
4987	1	$38,612	$0	$38,612	4%									
2705	1	$38,719	$0	$38,719	4%									
1318	1	$38,802	$0	$38,802	4%									
4774	1	$39,132	$0	$39,132	4%									
2443	1	$39,310	$0	$39,310	4%									
1130	1	$39,549	$0	$39,549	4%									
1739	1	$39,577	$0	$39,577	4%									
3765	1	$39,604	$0	$39,604	4%									
3626	1	$39,949	$0	$39,949	4%									
287	1	$39,977	$0	$39,977	4%									
3394	1	$40,053	$0	$40,053	4%									
939	1	$40,097	$0	$40,097	4%									
3273	1	$40,163	$0	$40,163	4%									
4093	1	$40,175	$0	$40,175	4%									
4198	1	$40,294	$0	$40,294	4%									
916	1	$40,433	$0	$40,433	4%									
4966	1	$40,548	$0	$40,548	4%									
4531	1	$40,732	$0	$40,732	4%									
1998	1	$41,000	$0	$41,000	4%									
272	1	$41,211	$0	$41,211	4%									
3849	1	$41,310	$0	$41,310	4%									
1002	1	$41,486	$0	$41,486	4%									
622	1	$41,517	$0	$41,517	4%									
1230	1	$41,627	$0	$41,627	4%									
2589	1	$41,680	$0	$41,680	4%									
1103	1	$42,334	$0	$42,334	4%									
3118	1	$42,631	$0	$42,631	4%									
1126	1	$42,713	$0	$42,713	4%									
3521	1	$42,752	$0	$42,752	4%									
2297	1	$42,786	$0	$42,786	4%									
2975	1	$42,979	$0	$42,979	4%									
4089	1	$43,050	$0	$43,050	4%									
2099	1	$43,216	$0	$43,216	4%									
3726	1	$43,232	$0	$43,232	4%									
4532	1	$43,345	$0	$43,345	4%									
612	1	$43,492	$0	$43,492	4%									
1387	1	$43,651	$0	$43,651	4%									
2830	1	$43,895	$0	$43,895	4%									
4404	1	$43,932	$0	$43,932	4%									
1800	1	$44,114	$0	$44,114	4%									
1298	1	$44,236	$0	$44,236	4%									
1819	1	$44,279	$0	$44,279	4%									
4802	1	$44,293	$0	$44,293	4%									
3628	1	$45,150	$0	$45,150	4%									
2863	1	$45,247	$0	$45,247	4%									
1062	1	$45,277	$0	$45,277	4%									
2757	1	$45,296	$0	$45,296	4%									
31	1	$45,401	$0	$45,401	4%									

4807	1	$45,587	$0	$45,587	4%									
3634	1	$45,647	$0	$45,647	4%									
1163	1	$45,822	$0	$45,822	4%									
1435	1	$45,835	$0	$45,835	4%									
4527	1	$45,846	$0	$45,846	4%									
2502	1	$46,341	$0	$46,341	4%									
549	1	$46,487	$0	$46,487	4%									
1485	1	$46,567	$0	$46,567	4%									
3923	1	$46,586	$0	$46,586	4%									
74	1	$46,809	$0	$46,809	4%									
3744	1	$46,848	$0	$46,848	4%									
1629	1	$46,873	$0	$46,873	4%									
1982	1	$47,070	$0	$47,070	4%									
295	1	$47,385	$0	$47,385	4%									
3343	1	$47,518	$0	$47,518	4%									
4912	1	$48,152	$0	$48,152	4%									
3264	1	$48,377	$0	$48,377	4%									
1183	1	$48,556	$0	$48,556	4%									
4935	1	$49,064	$0	$49,064	4%									
4948	1	$49,113	$0	$49,113	4%									
4814	1	$49,455	$0	$49,455	5%									
4431	1	$49,515	$0	$49,515	5%									
3534	1	$49,537	$0	$49,537	5%									
977	1	$49,754	$0	$49,754	5%									
460	1	$49,806	$0	$49,806	5%									
1105	1	$49,899	$0	$49,899	5%									
3828	1	$49,931	$0	$49,931	5%									
381	1	$50,169	$0	$50,169	5%									
2645	1	$50,205	$0	$50,205	5%									
4726	1	$50,321	$0	$50,321	5%									
1218	1	$50,388	$0	$50,388	5%									
4897	1	$50,819	$0	$50,819	5%									
4589	1	$50,917	$0	$50,917	5%									
833	1	$51,399	$0	$51,399	5%									
1911	1	$51,883	$0	$51,883	5%									
918	1	$51,932	$0	$51,932	5%									
2200	1	$52,178	$0	$52,178	5%									
1997	1	$52,218	$0	$52,218	5%									
4911	1	$52,608	$0	$52,608	5%									
1592	1	$52,656	$0	$52,656	5%									
1497	1	$52,762	$0	$52,762	5%									
1733	1	$52,953	$0	$52,953	5%									
3076	1	$53,015	$0	$53,015	5%									
3691	1	$53,079	$0	$53,079	5%									
796	1	$53,108	$0	$53,108	5%									
69	1	$53,505	$0	$53,505	5%									
541	1	$53,775	$0	$53,775	5%									
4396	1	$53,791	$0	$53,791	5%									
320	1	$53,984	$0	$53,984	5%									

1167	1	$54,003	$0	$54,003	5%									
1808	1	$54,321	$0	$54,321	5%									
2025	1	$54,365	$0	$54,365	5%									
4057	1	$54,393	$0	$54,393	5%									
4779	1	$54,419	$0	$54,419	5%									
4243	1	$54,545	$0	$54,545	5%									
3812	1	$54,603	$0	$54,603	5%									
801	1	$54,855	$0	$54,855	5%									
4086	1	$54,957	$0	$54,957	5%									
3646	1	$55,017	$0	$55,017	5%									
4879	1	$55,119	$0	$55,119	5%									
3779	1	$55,211	$0	$55,211	5%									
4564	1	$55,616	$0	$55,616	5%									
1643	1	$55,897	$0	$55,897	5%									
2685	1	$55,957	$0	$55,957	5%									
3087	1	$56,049	$0	$56,049	5%									
322	1	$56,439	$0	$56,439	5%									
451	1	$56,941	$0	$56,941	5%									
566	1	$57,194	$0	$57,194	5%									
43	1	$57,443	$0	$57,443	5%									
3663	1	$57,638	$0	$57,638	5%									
1830	1	$57,726	$0	$57,726	5%									
1534	1	$57,754	$0	$57,754	5%									
3038	1	$58,293	$0	$58,293	5%									
4205	1	$58,488	$0	$58,488	5%									
2163	1	$58,932	$0	$58,932	5%									
450	1	$58,936	$0	$58,936	5%									
4850	1	$59,186	$0	$59,186	5%									
4865	1	$59,308	$0	$59,308	5%									
1351	1	$59,337	$0	$59,337	5%									
4288	1	$59,926	$0	$59,926	5%									
4464	1	$60,470	$0	$60,470	6%									
4299	1	$60,657	$0	$60,657	6%									
625	1	$61,092	$0	$61,092	6%									
3755	1	$61,326	$0	$61,326	6%									
3781	1	$61,652	$0	$61,652	6%									
2997	1	$61,743	$0	$61,743	6%									
1508	1	$61,907	$0	$61,907	6%									
1291	1	$61,917	$0	$61,917	6%									
3743	1	$62,067	$0	$62,067	6%									
4421	1	$62,155	$0	$62,155	6%									
1889	1	$62,329	$0	$62,329	6%									
2701	1	$62,415	$0	$62,415	6%									
4494	1	$62,459	$0	$62,459	6%									
3508	1	$62,549	$0	$62,549	6%									
1504	1	$62,584	$0	$62,584	6%									
2773	1	$62,711	$0	$62,711	6%									
4353	1	$62,860	$0	$62,860	6%									
1506	1	$63,077	$0	$63,077	6%									

1871	1	$63,102	$0	$63,102	6%									
2598	1	$63,447	$0	$63,447	6%									
431	1	$63,482	$0	$63,482	6%									
2929	1	$63,491	$0	$63,491	6%									
3242	1	$63,530	$0	$63,530	6%									
1088	1	$63,626	$0	$63,626	6%									
4984	1	$63,835	$0	$63,835	6%									
2074	1	$63,875	$0	$63,875	6%									
3301	1	$63,966	$0	$63,966	6%									
3271	1	$64,014	$0	$64,014	6%									
2197	1	$64,132	$0	$64,132	6%									
4974	1	$64,187	$0	$64,187	6%									
3736	1	$64,575	$0	$64,575	6%									
4808	1	$64,737	$0	$64,737	6%									
1509	1	$64,746	$0	$64,746	6%									
2584	1	$64,935	$0	$64,935	6%									
454	1	$65,062	$0	$65,062	6%									
752	1	$65,146	$0	$65,146	6%									
2760	1	$65,164	$0	$65,164	6%									
4258	1	$65,226	$0	$65,226	6%									
4735	1	$65,414	$0	$65,414	6%									
3919	1	$65,570	$0	$65,570	6%									
4182	1	$65,776	$0	$65,776	6%									
1450	1	$66,011	$0	$66,011	6%									
1471	1	$66,948	$0	$66,948	6%									
4155	1	$67,135	$0	$67,135	6%									
1567	1	$67,204	$0	$67,204	6%									
4037	1	$67,645	$0	$67,645	6%									
843	1	$68,069	$0	$68,069	6%									
781	1	$68,243	$0	$68,243	6%									
4898	1	$68,507	$0	$68,507	6%									
172	1	$68,531	$0	$68,531	6%									
3359	1	$68,687	$0	$68,687	6%									
3315	1	$68,992	$0	$68,992	6%									
794	1	$69,018	$0	$69,018	6%									
987	1	$69,059	$0	$69,059	6%									
1414	1	$69,351	$0	$69,351	6%									
3829	1	$69,533	$0	$69,533	6%									
2141	1	$69,584	$0	$69,584	6%									
591	1	$69,744	$0	$69,744	6%									
1646	1	$70,112	$0	$70,112	6%									
2184	1	$70,130	$0	$70,130	6%									
2935	1	$70,146	$0	$70,146	6%									
666	1	$70,323	$0	$70,323	6%									
1158	1	$70,556	$0	$70,556	6%									
4395	1	$71,006	$0	$71,006	6%									
2286	1	$71,102	$0	$71,102	6%									
1400	1	$71,128	$0	$71,128	6%									
4445	1	$71,261	$0	$71,261	6%									

4077	1	$71,337	$0	$71,337	6%									
4562	1	$71,395	$0	$71,395	7%									
1020	1	$71,544	$0	$71,544	7%									
1406	1	$71,586	$0	$71,586	7%									
45	1	$71,678	$0	$71,678	7%									
94	1	$71,761	$0	$71,761	7%									
2482	1	$72,066	$0	$72,066	7%									
4403	1	$72,208	$0	$72,208	7%									
4466	1	$72,313	$0	$72,313	7%									
3016	1	$72,396	$0	$72,396	7%									
1317	1	$72,547	$0	$72,547	7%									
2928	1	$72,617	$0	$72,617	7%									
4695	1	$72,660	$0	$72,660	7%									
3575	1	$72,682	$0	$72,682	7%									
3763	1	$72,826	$0	$72,826	7%									
1965	1	$73,045	$0	$73,045	7%									
4059	1	$73,091	$0	$73,091	7%									
1976	1	$73,160	$0	$73,160	7%									
2096	1	$73,249	$0	$73,249	7%									
2271	1	$73,319	$0	$73,319	7%									
462	1	$73,356	$0	$73,356	7%									
3302	1	$73,495	$0	$73,495	7%									
3857	1	$73,972	$0	$73,972	7%									
3804	1	$74,013	$0	$74,013	7%									
4105	1	$74,150	$0	$74,150	7%									
338	1	$74,374	$0	$74,374	7%									
764	1	$74,563	$0	$74,563	7%									
3238	1	$74,738	$0	$74,738	7%									
3956	1	$75,124	$0	$75,124	7%									
3851	1	$75,576	$0	$75,576	7%									
4115	1	$75,742	$0	$75,742	7%									
2214	1	$75,779	$0	$75,779	7%									
4739	1	$75,782	$0	$75,782	7%									
4869	1	$76,233	$0	$76,233	7%									
1877	1	$76,380	$0	$76,380	7%									
3156	1	$76,464	$0	$76,464	7%									
633	1	$76,477	$0	$76,477	7%									
3105	1	$76,493	$0	$76,493	7%									
4871	1	$76,501	$0	$76,501	7%									
4572	1	$76,697	$0	$76,697	7%									
645	1	$76,703	$0	$76,703	7%									
1805	1	$76,886	$0	$76,886	7%									
647	1	$76,920	$0	$76,920	7%									
4672	1	$77,250	$0	$77,250	7%									
4449	1	$77,345	$0	$77,345	7%									
3294	1	$77,352	$0	$77,352	7%									
505	1	$77,474	$0	$77,474	7%									
4563	1	$77,504	$0	$77,504	7%									
3337	1	$77,697	$0	$77,697	7%									

4498	1	$78,014	$0	$78,014	7%									
2569	1	$78,037	$0	$78,037	7%									
4045	1	$78,184	$0	$78,184	7%									
158	1	$78,470	$0	$78,470	7%									
4241	1	$78,701	$0	$78,701	7%									
2189	1	$78,749	$0	$78,749	7%									
4023	1	$78,864	$0	$78,864	7%									
4219	1	$79,295	$0	$79,295	7%									
418	1	$79,558	$0	$79,558	7%									
2280	1	$79,707	$0	$79,707	7%									
970	1	$79,708	$0	$79,708	7%									
1668	1	$79,854	$0	$79,854	7%									
401	1	$79,900	$0	$79,900	7%									
2002	1	$80,033	$0	$80,033	7%									
4354	1	$80,119	$0	$80,119	7%									
33	1	$80,307	$0	$80,307	7%									
1181	1	$80,344	$0	$80,344	7%									
3039	1	$80,369	$0	$80,369	7%									
3865	1	$80,519	$0	$80,519	7%									
242	1	$80,565	$0	$80,565	7%									
3901	1	$80,723	$0	$80,723	7%									
1106	1	$80,808	$0	$80,808	7%									
4350	1	$80,917	$0	$80,917	7%									
1069	1	$80,929	$0	$80,929	7%									
3254	1	$80,958	$0	$80,958	7%									
1161	1	$81,282	$0	$81,282	7%									
2632	1	$81,679	$0	$81,679	7%									
4583	1	$81,908	$0	$81,908	7%									
1571	1	$81,957	$0	$81,957	7%									
3678	1	$82,182	$0	$82,182	7%									
2686	1	$82,379	$0	$82,379	8%									
1663	1	$82,505	$0	$82,505	8%									
104	1	$82,576	$0	$82,576	8%									
3005	1	$82,821	$0	$82,821	8%									
1295	1	$82,926	$0	$82,926	8%									
4025	1	$83,146	$0	$83,146	8%									
4390	1	$83,232	$0	$83,232	8%									
2679	1	$83,285	$0	$83,285	8%									
778	1	$83,443	$0	$83,443	8%									
2168	1	$83,622	$0	$83,622	8%									
89	1	$83,842	$0	$83,842	8%									
2582	1	$84,163	$0	$84,163	8%									
290	1	$84,415	$0	$84,415	8%									
522	1	$84,491	$0	$84,491	8%									
1176	1	$84,618	$0	$84,618	8%									
2007	1	$84,781	$0	$84,781	8%									
1496	1	$84,878	$0	$84,878	8%									
3094	1	$84,953	$0	$84,953	8%									
2380	1	$85,428	$0	$85,428	8%									

1818	1	$85,508	$0	$85,508	8%									
4608	1	$85,898	$0	$85,898	8%									
3960	1	$85,925	$0	$85,925	8%									
3081	1	$85,936	$0	$85,936	8%									
3275	1	$85,995	$0	$85,995	8%									
1728	1	$86,054	$0	$86,054	8%									
1853	1	$86,212	$0	$86,212	8%									
1887	1	$86,384	$0	$86,384	8%									
2387	1	$86,651	$0	$86,651	8%									
1671	1	$86,800	$0	$86,800	8%									
3465	1	$87,333	$0	$87,333	8%									
196	1	$87,661	$0	$87,661	8%									
2250	1	$87,921	$0	$87,921	8%									
3926	1	$87,950	$0	$87,950	8%									
1454	1	$88,154	$0	$88,154	8%									
1915	1	$88,269	$0	$88,269	8%									
3773	1	$88,425	$0	$88,425	8%									
1142	1	$89,065	$0	$89,065	8%									
4768	1	$89,125	$0	$89,125	8%									
3290	1	$89,159	$0	$89,159	8%									
1851	1	$89,260	$0	$89,260	8%									
1947	1	$89,566	$0	$89,566	8%									
4787	1	$89,813	$0	$89,813	8%									
507	1	$89,912	$0	$89,912	8%									
779	1	$89,939	$0	$89,939	8%									
1577	1	$89,964	$0	$89,964	8%									
4113	1	$89,974	$0	$89,974	8%									
202	1	$89,975	$0	$89,975	8%									
3527	1	$90,393	$0	$90,393	8%									
300	1	$90,417	$0	$90,417	8%									
1274	1	$90,456	$0	$90,456	8%									
4507	1	$90,670	$0	$90,670	8%									
4606	1	$90,866	$0	$90,866	8%									
3077	1	$90,936	$0	$90,936	8%									
1783	1	$91,121	$0	$91,121	8%									
1551	1	$91,138	$0	$91,138	8%									
4946	1	$91,183	$0	$91,183	8%									
3664	1	$91,233	$0	$91,233	8%									
692	1	$91,544	$0	$91,544	8%									
1767	1	$91,583	$0	$91,583	8%									
369	1	$91,660	$0	$91,660	8%									
723	1	$91,760	$0	$91,760	8%									
2526	1	$91,934	$0	$91,934	8%									
961	1	$91,975	$0	$91,975	8%									
128	1	$92,111	$0	$92,111	8%									
1938	1	$92,203	$0	$92,203	8%									
2465	1	$92,244	$0	$92,244	8%									
2580	1	$92,732	$0	$92,732	8%									
2648	1	$92,984	$0	$92,984	8%									

3134	1	$93,032	$0	$93,032	8%									
4484	1	$93,072	$0	$93,072	8%									
2039	1	$93,328	$0	$93,328	9%									
399	1	$93,359	$0	$93,359	9%									
1902	1	$93,504	$0	$93,504	9%									
407	1	$93,737	$0	$93,737	9%									
789	1	$93,767	$0	$93,767	9%									
4233	1	$93,864	$0	$93,864	9%									
1220	1	$93,983	$0	$93,983	9%									
4909	1	$94,058	$0	$94,058	9%									
539	1	$94,309	$0	$94,309	9%									
3739	1	$94,384	$0	$94,384	9%									
7	1	$94,721	$0	$94,721	9%									
3080	1	$94,773	$0	$94,773	9%									
3102	1	$95,219	$0	$95,219	9%									
4844	1	$95,224	$0	$95,224	9%									
1667	1	$95,271	$0	$95,271	9%									
3697	1	$95,331	$0	$95,331	9%									
3147	1	$95,388	$0	$95,388	9%									
836	1	$95,488	$0	$95,488	9%									
4652	1	$95,646	$0	$95,646	9%									
3146	1	$95,891	$0	$95,891	9%									
883	1	$95,891	$0	$95,891	9%									
552	1	$95,892	$0	$95,892	9%									
1833	1	$95,973	$0	$95,973	9%									
4036	1	$96,243	$0	$96,243	9%									
1521	1	$96,594	$0	$96,594	9%									
4366	1	$96,616	$0	$96,616	9%									
821	1	$96,699	$0	$96,699	9%									
4571	1	$97,002	$0	$97,002	9%									
219	1	$97,465	$0	$97,465	9%									
4916	1	$97,826	$0	$97,826	9%									
1536	1	$97,833	$0	$97,833	9%									
993	1	$97,879	$0	$97,879	9%									
2663	1	$98,051	$0	$98,051	9%									
2307	1	$98,091	$0	$98,091	9%									
3364	1	$98,281	$0	$98,281	9%									
4694	1	$98,287	$0	$98,287	9%									
4654	1	$98,554	$0	$98,554	9%									
4469	1	$98,831	$0	$98,831	9%									
1583	1	$98,859	$0	$98,859	9%									
4107	1	$99,082	$0	$99,082	9%									
4330	1	$99,136	$0	$99,136	9%									
1199	1	$99,296	$0	$99,296	9%									
1773	1	$99,338	$0	$99,338	9%									
2579	1	$99,425	$0	$99,425	9%									
2895	1	$99,696	$0	$99,696	9%									
3794	1	$99,724	$0	$99,724	9%									
944	1	$99,782	$0	$99,782	9%									

2818	1	$99,909	$0	$99,909	9%									
2409	1	$99,957	$0	$99,957	9%									
2699	1	$99,977	$0	$99,977	9%									
129	1	$100,004	$0	$100,004	9%									
906	1	$100,108	$0	$100,108	9%									
1564	1	$100,778	$0	$100,778	9%									
1645	1	$100,779	$0	$100,779	9%									
1110	1	$100,785	$0	$100,785	9%									
4801	1	$100,813	$0	$100,813	9%									
57	1	$101,075	$0	$101,075	9%									
1939	1	$101,314	$0	$101,314	9%									
4517	1	$101,317	$0	$101,317	9%									
602	1	$101,388	$0	$101,388	9%									
2379	1	$101,463	$0	$101,463	9%									
372	1	$102,006	$0	$102,006	9%									
58	1	$102,484	$0	$102,484	9%									
4371	1	$102,672	$0	$102,672	9%									
2076	1	$102,737	$0	$102,737	9%									
3564	1	$102,771	$0	$102,771	9%									
4939	1	$102,846	$0	$102,846	9%									
1510	1	$102,953	$0	$102,953	9%									
1804	1	$103,011	$0	$103,011	9%									
2208	1	$103,347	$0	$103,347	9%									
159	1	$103,722	$0	$103,722	9%									
1447	1	$103,989	$0	$103,989	9%									
2774	1	$104,290	$0	$104,290	9%									
2896	1	$104,345	$0	$104,345	10%									
3941	1	$104,524	$0	$104,524	10%									
3728	1	$104,607	$0	$104,607	10%									
25	1	$104,793	$0	$104,793	10%									
2012	1	$104,835	$0	$104,835	10%									
3950	1	$105,016	$0	$105,016	10%									
2220	1	$105,016	$0	$105,016	10%									
4772	1	$105,078	$0	$105,078	10%									
3973	1	$105,352	$0	$105,352	10%									
3933	1	$105,370	$0	$105,370	10%									
3966	1	$105,523	$0	$105,523	10%									
1896	1	$105,758	$0	$105,758	10%									
986	1	$105,775	$0	$105,775	10%									
1173	1	$105,792	$0	$105,792	10%									
3574	1	$105,797	$0	$105,797	10%									
1901	1	$105,831	$0	$105,831	10%									
3339	1	$106,411	$0	$106,411	10%									
4099	1	$106,723	$0	$106,723	10%									
714	1	$106,775	$0	$106,775	10%									
464	1	$107,008	$0	$107,008	10%									
1427	1	$107,450	$0	$107,450	10%									
3592	1	$107,502	$0	$107,502	10%									
4524	1	$107,670	$0	$107,670	10%									

1056	1	$107,818	$0	$107,818	10%									
3965	1	$107,870	$0	$107,870	10%									
214	1	$107,985	$0	$107,985	10%									
4044	1	$108,030	$0	$108,030	10%									
769	1	$108,092	$0	$108,092	10%									
2242	1	$108,185	$0	$108,185	10%									
1541	1	$108,198	$0	$108,198	10%									
3017	1	$108,283	$0	$108,283	10%									
1781	1	$108,365	$0	$108,365	10%									
3371	1	$108,602	$0	$108,602	10%									
519	1	$108,947	$0	$108,947	10%									
4479	1	$109,346	$0	$109,346	10%									
907	1	$109,822	$0	$109,822	10%									
4579	1	$109,833	$0	$109,833	10%									
3444	1	$110,256	$0	$110,256	10%									
3514	1	$110,329	$0	$110,329	10%									
163	1	$110,335	$0	$110,335	10%									
183	1	$110,396	$0	$110,396	10%									
4185	1	$110,685	$0	$110,685	10%									
3204	1	$111,457	$0	$111,457	10%									
1120	1	$111,896	$0	$111,896	10%									
2181	1	$111,937	$0	$111,937	10%									
173	1	$112,064	$0	$112,064	10%									
1266	1	$112,145	$0	$112,145	10%									
2808	1	$112,404	$0	$112,404	10%									
4199	1	$112,488	$0	$112,488	10%									
4649	1	$112,625	$0	$112,625	10%									
72	1	$112,975	$0	$112,975	10%									
2328	1	$113,080	$0	$113,080	10%									
2672	1	$113,323	$0	$113,323	10%									
758	1	$113,426	$0	$113,426	10%									
4267	1	$113,662	$0	$113,662	10%									
3464	1	$113,826	$0	$113,826	10%									
3217	1	$113,848	$0	$113,848	10%									
4765	1	$114,823	$0	$114,823	10%									
1817	1	$114,909	$0	$114,909	10%									
3097	1	$114,911	$0	$114,911	10%									
4245	1	$114,922	$0	$114,922	10%									
4279	1	$115,139	$0	$115,139	10%									
2237	1	$115,412	$0	$115,412	11%									
4262	1	$115,642	$0	$115,642	11%									
1440	1	$115,725	$0	$115,725	11%									
1165	1	$115,985	$0	$115,985	11%									
1156	1	$115,994	$0	$115,994	11%									
963	1	$116,116	$0	$116,116	11%									
243	1	$116,209	$0	$116,209	11%									
2191	1	$116,230	$0	$116,230	11%									
463	1	$116,413	$0	$116,413	11%									
2268	1	$116,479	$0	$116,479	11%									

895	1	$116,678	$0	$116,678	11%									
2625	1	$116,952	$0	$116,952	11%									
2932	1	$116,981	$0	$116,981	11%									
754	1	$117,412	$0	$117,412	11%									
30	1	$117,547	$0	$117,547	11%									
761	1	$117,805	$0	$117,805	11%									
3172	1	$117,928	$0	$117,928	11%									
213	1	$118,077	$0	$118,077	11%									
2001	1	$118,941	$0	$118,941	11%									
4810	1	$119,057	$0	$119,057	11%									
316	1	$119,112	$0	$119,112	11%									
3986	1	$119,126	$0	$119,126	11%									
1078	1	$119,359	$0	$119,359	11%									
1306	1	$119,572	$0	$119,572	11%									
289	1	$119,641	$0	$119,641	11%									
482	1	$119,642	$0	$119,642	11%									
1565	1	$120,109	$0	$120,109	11%									
4418	1	$120,209	$0	$120,209	11%									
49	1	$120,364	$0	$120,364	11%									
2457	1	$120,385	$0	$120,385	11%									
3199	1	$120,733	$0	$120,733	11%									
4314	1	$120,770	$0	$120,770	11%									
1314	1	$120,863	$0	$120,863	11%									
2339	1	$121,170	$0	$121,170	11%									
4056	1	$121,248	$0	$121,248	11%									
197	1	$121,596	$0	$121,596	11%									
3682	1	$122,061	$0	$122,061	11%									
174	1	$122,110	$0	$122,110	11%									
3559	1	$122,382	$0	$122,382	11%									
997	1	$122,823	$0	$122,823	11%									
2543	1	$122,854	$0	$122,854	11%									
1794	1	$122,862	$0	$122,862	11%									
264	1	$122,995	$0	$122,995	11%									
3577	1	$123,347	$0	$123,347	11%									
3434	1	$123,422	$0	$123,422	11%									
355	1	$123,501	$0	$123,501	11%									
1441	1	$123,624	$0	$123,624	11%									
3108	1	$123,696	$0	$123,696	11%									
1736	1	$124,205	$0	$124,205	11%									
3496	1	$124,206	$0	$124,206	11%									
4666	1	$124,337	$0	$124,337	11%									
1710	1	$124,706	$0	$124,706	11%									
4861	1	$124,783	$0	$124,783	11%									
760	1	$124,876	$0	$124,876	11%									
2149	1	$124,887	$0	$124,887	11%									
1461	1	$125,061	$0	$125,061	11%									
3616	1	$125,403	$0	$125,403	11%									
1734	1	$125,704	$0	$125,704	11%									
1579	1	$125,876	$0	$125,876	11%									

742	1	$125,922	$0	$125,922	11%									
1535	1	$126,515	$0	$126,515	12%									
4793	1	$126,536	$0	$126,536	12%									
310	1	$126,619	$0	$126,619	12%									
2601	1	$126,636	$0	$126,636	12%									
3940	1	$126,799	$0	$126,799	12%									
4382	1	$126,819	$0	$126,819	12%									
2570	1	$127,101	$0	$127,101	12%									
1621	1	$127,162	$0	$127,162	12%									
220	1	$127,505	$0	$127,505	12%									
893	1	$127,547	$0	$127,547	12%									
3842	1	$127,570	$0	$127,570	12%									
4472	1	$127,666	$0	$127,666	12%									
1227	1	$128,438	$0	$128,438	12%									
2800	1	$128,496	$0	$128,496	12%									
2366	1	$128,533	$0	$128,533	12%									
3600	1	$128,620	$0	$128,620	12%									
4985	1	$128,701	$0	$128,701	12%									
4017	1	$128,815	$0	$128,815	12%									
1744	1	$128,825	$0	$128,825	12%									
2014	1	$129,020	$0	$129,020	12%									
3532	1	$129,032	$0	$129,032	12%									
2118	1	$129,081	$0	$129,081	12%									
2143	1	$129,274	$0	$129,274	12%									
3041	1	$129,861	$0	$129,861	12%									
1026	1	$130,120	$0	$130,120	12%									
4447	1	$130,189	$0	$130,189	12%									
4	1	$130,302	$0	$130,302	12%									
149	1	$130,325	$0	$130,325	12%									
4051	1	$130,363	$0	$130,363	12%									
1115	1	$131,150	$0	$131,150	12%									
508	1	$131,171	$0	$131,171	12%									
4195	1	$131,498	$0	$131,498	12%									
3768	1	$131,801	$0	$131,801	12%									
2650	1	$131,934	$0	$131,934	12%									
1995	1	$131,990	$0	$131,990	12%									
2761	1	$132,152	$0	$132,152	12%									
660	1	$132,204	$0	$132,204	12%									
1945	1	$132,224	$0	$132,224	12%									
3701	1	$132,399	$0	$132,399	12%									
2172	1	$132,927	$0	$132,927	12%									
840	1	$133,062	$0	$133,062	12%									
585	1	$133,187	$0	$133,187	12%									
102	1	$133,371	$0	$133,371	12%									
4473	1	$133,475	$0	$133,475	12%									
924	1	$133,520	$0	$133,520	12%									
2187	1	$133,750	$0	$133,750	12%									
4261	1	$133,808	$0	$133,808	12%									
2179	1	$133,955	$0	$133,955	12%									

1956	1	$134,107	$0	$134,107	12%									
914	1	$134,232	$0	$134,232	12%									
1713	1	$134,247	$0	$134,247	12%									
2032	1	$134,713	$0	$134,713	12%									
3255	1	$134,837	$0	$134,837	12%									
3429	1	$134,971	$0	$134,971	12%									
2352	1	$135,159	$0	$135,159	12%									
3720	1	$135,584	$0	$135,584	12%									
2241	1	$135,615	$0	$135,615	12%									
4373	1	$135,825	$0	$135,825	12%									
1334	1	$135,978	$0	$135,978	12%									
4643	1	$136,332	$0	$136,332	12%									
73	1	$136,452	$0	$136,452	12%									
2792	1	$136,549	$0	$136,549	12%									
556	1	$136,865	$0	$136,865	12%									
2511	1	$137,002	$0	$137,002	12%									
2088	1	$137,169	$0	$137,169	12%									
2901	1	$137,463	$0	$137,463	13%									
985	1	$137,772	$0	$137,772	13%									
391	1	$137,854	$0	$137,854	13%									
2270	1	$137,969	$0	$137,969	13%									
1250	1	$138,091	$0	$138,091	13%									
3880	1	$138,167	$0	$138,167	13%									
3715	1	$138,310	$0	$138,310	13%									
4978	1	$138,399	$0	$138,399	13%									
3189	1	$138,541	$0	$138,541	13%									
3322	1	$138,604	$0	$138,604	13%									
1738	1	$139,093	$0	$139,093	13%									
1846	1	$139,131	$0	$139,131	13%									
3753	1	$139,171	$0	$139,171	13%									
803	1	$139,236	$0	$139,236	13%									
3139	1	$139,242	$0	$139,242	13%									
3760	1	$139,415	$0	$139,415	13%									
652	1	$139,457	$0	$139,457	13%									
2392	1	$139,917	$0	$139,917	13%									
2966	1	$139,995	$0	$139,995	13%									
928	1	$140,084	$0	$140,084	13%									
1912	1	$140,094	$0	$140,094	13%									
4141	1	$140,298	$0	$140,298	13%									
4795	1	$140,580	$0	$140,580	13%									
1886	1	$140,604	$0	$140,604	13%									
266	1	$140,721	$0	$140,721	13%									
3256	1	$140,729	$0	$140,729	13%									
1961	1	$140,777	$0	$140,777	13%									
3717	1	$141,033	$0	$141,033	13%									
4509	1	$141,300	$0	$141,300	13%									
1704	1	$141,588	$0	$141,588	13%									
1611	1	$141,875	$0	$141,875	13%									
2091	1	$142,067	$0	$142,067	13%									

3447	1	$142,177	$0	$142,177	13%									
4555	1	$142,912	$0	$142,912	13%									
2903	1	$143,253	$0	$143,253	13%									
1299	1	$143,256	$0	$143,256	13%									
4833	1	$143,312	$0	$143,312	13%									
3243	1	$143,368	$0	$143,368	13%									
3799	1	$143,429	$0	$143,429	13%									
1029	1	$143,570	$0	$143,570	13%									
3280	1	$143,709	$0	$143,709	13%									
894	1	$143,803	$0	$143,803	13%									
3084	1	$143,934	$0	$143,934	13%									
3847	1	$144,574	$0	$144,574	13%									
4094	1	$144,644	$0	$144,644	13%									
359	1	$144,679	$0	$144,679	13%									
2678	1	$144,790	$0	$144,790	13%									
3821	1	$144,847	$0	$144,847	13%									
2548	1	$145,016	$0	$145,016	13%									
4321	1	$145,305	$0	$145,305	13%									
1303	1	$145,395	$0	$145,395	13%									
4319	1	$145,475	$0	$145,475	13%									
811	1	$145,873	$0	$145,873	13%									
3219	1	$145,943	$0	$145,943	13%									
1032	1	$146,038	$0	$146,038	13%									
4796	1	$146,056	$0	$146,056	13%									
2350	1	$146,086	$0	$146,086	13%									
3946	1	$146,169	$0	$146,169	13%									
2605	1	$146,371	$0	$146,371	13%									
1091	1	$146,670	$0	$146,670	13%									
3526	1	$147,126	$0	$147,126	13%									
1539	1	$147,200	$0	$147,200	13%									
2522	1	$147,739	$0	$147,739	13%									
3356	1	$148,025	$0	$148,025	13%									
4079	1	$148,089	$0	$148,089	13%									
4225	1	$148,396	$0	$148,396	14%									
4788	1	$148,660	$0	$148,660	14%									
1719	1	$148,722	$0	$148,722	14%									
2930	1	$148,734	$0	$148,734	14%									
1335	1	$148,818	$0	$148,818	14%									
546	1	$149,037	$0	$149,037	14%									
2965	1	$149,038	$0	$149,038	14%									
2005	1	$149,128	$0	$149,128	14%									
3822	1	$149,207	$0	$149,207	14%									
2689	1	$149,431	$0	$149,431	14%									
3177	1	$149,532	$0	$149,532	14%									
2810	1	$149,725	$0	$149,725	14%									
4621	1	$149,947	$0	$149,947	14%									
4441	1	$150,210	$0	$150,210	14%									
4454	1	$150,508	$0	$150,508	14%									
3808	1	$150,624	$0	$150,624	14%									

3	1	$150,818	$0	$150,818	14%									
2072	1	$150,916	$0	$150,916	14%									
1714	1	$151,205	$0	$151,205	14%									
3756	1	$151,352	$0	$151,352	14%									
4087	1	$151,534	$0	$151,534	14%									
3512	1	$151,802	$0	$151,802	14%									
3085	1	$152,207	$0	$152,207	14%									
2532	1	$152,471	$0	$152,471	14%									
4496	1	$152,640	$0	$152,640	14%									
1087	1	$153,604	$0	$153,604	14%									
4837	1	$153,864	$0	$153,864	14%									
649	1	$153,870	$0	$153,870	14%									
4034	1	$154,240	$0	$154,240	14%									
3805	1	$155,025	$0	$155,025	14%									
4704	1	$155,178	$0	$155,178	14%									
1305	1	$155,534	$0	$155,534	14%									
1664	1	$155,564	$0	$155,564	14%									
3749	1	$155,682	$0	$155,682	14%									
1999	1	$155,726	$0	$155,726	14%									
253	1	$155,769	$0	$155,769	14%									
3300	1	$155,892	$0	$155,892	14%									
2853	1	$155,956	$0	$155,956	14%									
4537	1	$156,012	$0	$156,012	14%									
1094	1	$156,038	$0	$156,038	14%									
2970	1	$156,263	$0	$156,263	14%									
1619	1	$156,553	$0	$156,553	14%									
353	1	$156,637	$0	$156,637	14%									
4149	1	$156,646	$0	$156,646	14%									
3601	1	$156,756	$0	$156,756	14%									
203	1	$156,838	$0	$156,838	14%									
2305	1	$156,979	$0	$156,979	14%									
1197	1	$157,140	$0	$157,140	14%									
2730	1	$157,323	$0	$157,323	14%									
3244	1	$157,540	$0	$157,540	14%									
392	1	$157,639	$0	$157,639	14%									
3030	1	$158,337	$0	$158,337	14%									
3795	1	$158,573	$0	$158,573	14%									
3957	1	$158,772	$0	$158,772	14%									
212	1	$158,812	$0	$158,812	14%									
469	1	$158,928	$0	$158,928	14%									
4612	1	$159,056	$0	$159,056	14%									
2205	1	$159,080	$0	$159,080	14%									
1586	1	$159,222	$0	$159,222	15%									
2684	1	$159,388	$0	$159,388	15%									
1289	1	$159,644	$0	$159,644	15%									
1981	1	$159,734	$0	$159,734	15%									
3903	1	$159,906	$0	$159,906	15%									
3917	1	$159,989	$0	$159,989	15%									
453	1	$160,069	$0	$160,069	15%									

564	1	$160,159	$0	$160,159	15%									
118	1	$160,229	$0	$160,229	15%									
4874	1	$160,480	$0	$160,480	15%									
166	1	$160,614	$0	$160,614	15%									
3304	1	$161,173	$0	$161,173	15%									
2052	1	$161,767	$0	$161,767	15%									
886	1	$161,787	$0	$161,787	15%									
420	1	$161,806	$0	$161,806	15%									
3400	1	$161,988	$0	$161,988	15%									
4510	1	$162,032	$0	$162,032	15%									
3137	1	$162,238	$0	$162,238	15%									
1007	1	$162,702	$0	$162,702	15%									
3412	1	$162,805	$0	$162,805	15%									
4709	1	$162,881	$0	$162,881	15%									
2344	1	$163,113	$0	$163,113	15%									
4995	1	$163,154	$0	$163,154	15%									
4463	1	$163,230	$0	$163,230	15%									
1566	1	$163,242	$0	$163,242	15%									
3234	1	$163,525	$0	$163,525	15%									
2628	1	$164,466	$0	$164,466	15%									
646	1	$164,777	$0	$164,777	15%									
2401	1	$164,833	$0	$164,833	15%									
1135	1	$164,868	$0	$164,868	15%									
1832	1	$164,989	$0	$164,989	15%									
4438	1	$165,134	$0	$165,134	15%									
1278	1	$165,206	$0	$165,206	15%									
739	1	$165,277	$0	$165,277	15%									
2968	1	$165,403	$0	$165,403	15%									
2093	1	$165,658	$0	$165,658	15%									
3758	1	$165,771	$0	$165,771	15%									
2212	1	$165,800	$0	$165,800	15%									
4138	1	$165,843	$0	$165,843	15%									
4711	1	$166,491	$0	$166,491	15%									
616	1	$167,061	$0	$167,061	15%									
3159	1	$167,261	$0	$167,261	15%									
2759	1	$167,276	$0	$167,276	15%									
2439	1	$167,287	$0	$167,287	15%									
4432	1	$167,330	$0	$167,330	15%									
1045	1	$167,766	$0	$167,766	15%									
1337	1	$167,790	$0	$167,790	15%									
749	1	$167,814	$0	$167,814	15%									
1456	1	$167,867	$0	$167,867	15%									
267	1	$167,886	$0	$167,886	15%									
3531	1	$168,041	$0	$168,041	15%									
4914	1	$168,061	$0	$168,061	15%									
2731	1	$168,335	$0	$168,335	15%									
726	1	$168,571	$0	$168,571	15%									
2235	1	$168,942	$0	$168,942	15%									
3611	1	$168,945	$0	$168,945	15%									

347	1	$169,153	$0	$169,153	15%									
851	1	$169,371	$0	$169,371	15%									
773	1	$169,383	$0	$169,383	15%									
1219	1	$169,448	$0	$169,448	15%									
16	1	$169,493	$0	$169,493	15%									
4492	1	$169,717	$0	$169,717	15%									
4699	1	$169,942	$0	$169,942	15%									
4073	1	$170,566	$0	$170,566	16%									
998	1	$170,604	$0	$170,604	16%									
3260	1	$170,669	$0	$170,669	16%									
4356	1	$170,865	$0	$170,865	16%									
204	1	$171,142	$0	$171,142	16%									
2879	1	$171,253	$0	$171,253	16%									
4599	1	$171,257	$0	$171,257	16%									
2826	1	$171,451	$0	$171,451	16%									
2486	1	$171,593	$0	$171,593	16%									
3823	1	$172,138	$0	$172,138	16%									
81	1	$172,174	$0	$172,174	16%									
2739	1	$172,593	$0	$172,593	16%									
2333	1	$173,056	$0	$173,056	16%									
1786	1	$173,119	$0	$173,119	16%									
2944	1	$173,122	$0	$173,122	16%									
1900	1	$173,153	$0	$173,153	16%									
2329	1	$173,291	$0	$173,291	16%									
1944	1	$173,425	$0	$173,425	16%									
1814	1	$173,754	$0	$173,754	16%									
3522	1	$173,941	$0	$173,941	16%									
1155	1	$173,984	$0	$173,984	16%									
131	1	$174,071	$0	$174,071	16%									
2436	1	$174,373	$0	$174,373	16%									
1258	1	$174,501	$0	$174,501	16%									
2986	1	$174,667	$0	$174,667	16%									
1847	1	$175,148	$0	$175,148	16%									
4300	1	$175,494	$0	$175,494	16%									
2219	1	$175,556	$0	$175,556	16%									
1405	1	$175,758	$0	$175,758	16%									
475	1	$175,766	$0	$175,766	16%									
3032	1	$175,851	$0	$175,851	16%									
3786	1	$175,964	$0	$175,964	16%									
4331	1	$176,013	$0	$176,013	16%									
1595	1	$176,149	$0	$176,149	16%									
1937	1	$176,648	$0	$176,648	16%									
4763	1	$176,793	$0	$176,793	16%									
3969	1	$176,975	$0	$176,975	16%									
2055	1	$177,189	$0	$177,189	16%									
3740	1	$177,385	$0	$177,385	16%									
2801	1	$177,416	$0	$177,416	16%									
3296	1	$177,512	$0	$177,512	16%									
2857	1	$177,672	$0	$177,672	16%									

3124	1	$177,748	$0	$177,748	16%									
699	1	$177,852	$0	$177,852	16%									
4481	1	$178,032	$0	$178,032	16%									
500	1	$178,175	$0	$178,175	16%									
1638	1	$178,289	$0	$178,289	16%									
1850	1	$178,665	$0	$178,665	16%									
3938	1	$178,862	$0	$178,862	16%									
1910	1	$178,947	$0	$178,947	16%									
179	1	$179,050	$0	$179,050	16%									
4573	1	$179,418	$0	$179,418	16%									
4873	1	$179,875	$0	$179,875	16%									
2814	1	$180,008	$0	$180,008	16%									
4259	1	$180,075	$0	$180,075	16%									
4422	1	$180,094	$0	$180,094	16%									
416	1	$180,158	$0	$180,158	16%									
663	1	$180,231	$0	$180,231	16%									
1419	1	$180,341	$0	$180,341	16%									
2747	1	$180,403	$0	$180,403	16%									
4399	1	$180,435	$0	$180,435	16%									
2505	1	$180,955	$0	$180,955	16%									
3648	1	$181,057	$0	$181,057	16%									
1086	1	$181,077	$0	$181,077	16%									
2897	1	$181,142	$0	$181,142	16%									
456	1	$181,955	$0	$181,955	17%									
2651	1	$181,958	$0	$181,958	17%									
572	1	$182,123	$0	$182,123	17%									
4506	1	$182,291	$0	$182,291	17%									
154	1	$182,319	$0	$182,319	17%									
2045	1	$182,887	$0	$182,887	17%									
1546	1	$182,939	$0	$182,939	17%									
4690	1	$183,243	$0	$183,243	17%									
1403	1	$183,585	$0	$183,585	17%									
3162	1	$183,899	$0	$183,899	17%									
4139	1	$184,303	$0	$184,303	17%									
4287	1	$184,571	$0	$184,571	17%									
1437	1	$184,580	$0	$184,580	17%									
1185	1	$185,006	$0	$185,006	17%									
3407	1	$185,104	$0	$185,104	17%									
4329	1	$185,136	$0	$185,136	17%									
567	1	$185,183	$0	$185,183	17%									
2294	1	$185,353	$0	$185,353	17%									
553	1	$185,487	$0	$185,487	17%									
958	1	$185,783	$0	$185,783	17%									
3690	1	$186,034	$0	$186,034	17%									
3889	1	$186,175	$0	$186,175	17%									
1307	1	$186,179	$0	$186,179	17%									
1160	1	$186,195	$0	$186,195	17%									
26	1	$186,291	$0	$186,291	17%									
3525	1	$186,299	$0	$186,299	17%									

1735	1	$186,632	$0	$186,632	17%									
1633	1	$186,864	$0	$186,864	17%									
285	1	$186,955	$0	$186,955	17%									
3431	1	$187,547	$0	$187,547	17%									
4757	1	$187,553	$0	$187,553	17%									
929	1	$187,828	$0	$187,828	17%									
627	1	$188,040	$0	$188,040	17%									
2059	1	$188,138	$0	$188,138	17%									
1493	1	$188,630	$0	$188,630	17%									
4387	1	$188,837	$0	$188,837	17%									
4868	1	$188,841	$0	$188,841	17%									
4929	1	$189,160	$0	$189,160	17%									
3866	1	$189,642	$0	$189,642	17%									
1932	1	$189,880	$0	$189,880	17%									
3318	1	$190,168	$0	$190,168	17%									
4899	1	$190,811	$0	$190,811	17%									
2015	1	$191,220	$0	$191,220	17%									
547	1	$192,099	$0	$192,099	17%									
4211	1	$192,108	$0	$192,108	17%									
3520	1	$192,514	$0	$192,514	18%									
4776	1	$192,601	$0	$192,601	18%									
3931	1	$192,829	$0	$192,829	18%									
4957	1	$193,469	$0	$193,469	18%									
1849	1	$193,791	$0	$193,791	18%									
3287	1	$193,830	$0	$193,830	18%									
4535	1	$194,039	$0	$194,039	18%									
5	1	$194,054	$0	$194,054	18%									
1776	1	$194,343	$0	$194,343	18%									
1138	1	$194,446	$0	$194,446	18%									
370	1	$194,528	$0	$194,528	18%									
948	1	$194,620	$0	$194,620	18%									
4539	1	$194,816	$0	$194,816	18%									
637	1	$194,849	$0	$194,849	18%									
1224	1	$194,881	$0	$194,881	18%									
2906	1	$194,891	$0	$194,891	18%									
2796	1	$195,118	$0	$195,118	18%									
32	1	$195,332	$0	$195,332	18%									
4593	1	$195,361	$0	$195,361	18%									
3661	1	$195,916	$0	$195,916	18%									
2255	1	$195,950	$0	$195,950	18%									
1390	1	$196,017	$0	$196,017	18%									
2269	1	$196,614	$0	$196,614	18%									
2608	1	$197,122	$0	$197,122	18%									
607	1	$197,534	$0	$197,534	18%									
685	1	$197,850	$0	$197,850	18%									
3187	1	$197,862	$0	$197,862	18%									
1765	1	$198,147	$0	$198,147	18%									
2180	1	$198,551	$0	$198,551	18%									
4855	1	$198,626	$0	$198,626	18%									

3987	1	$198,744	$0	$198,744	18%									
4088	1	$198,769	$0	$198,769	18%									
1263	1	$199,087	$0	$199,087	18%									
3649	1	$199,630	$0	$199,630	18%									
4174	1	$199,667	$0	$199,667	18%									
4304	1	$199,676	$0	$199,676	18%									
4981	1	$199,746	$0	$199,746	18%									
815	1	$199,753	$0	$199,753	18%									
1231	1	$199,959	$0	$199,959	18%									
3276	1	$200,232	$0	$200,232	18%									
3568	1	$201,104	$0	$201,104	18%									
4378	1	$201,189	$0	$201,189	18%									
927	1	$201,437	$0	$201,437	18%									
4320	1	$201,490	$0	$201,490	18%									
4827	1	$201,509	$0	$201,509	18%									
1549	1	$201,679	$0	$201,679	18%									
492	1	$201,769	$0	$201,769	18%									
1127	1	$202,000	$0	$202,000	18%									
2060	1	$202,742	$0	$202,742	18%									
4293	1	$202,910	$0	$202,910	18%									
3834	1	$203,038	$0	$203,038	18%									
4221	1	$203,327	$0	$203,327	19%									
2779	1	$203,415	$0	$203,415	19%									
614	1	$203,969	$0	$203,969	19%									
3519	1	$204,332	$0	$204,332	19%									
1837	1	$204,386	$0	$204,386	19%									
208	1	$204,556	$0	$204,556	19%									
4846	1	$204,779	$0	$204,779	19%									
712	1	$204,974	$0	$204,974	19%									
2990	1	$205,049	$0	$205,049	19%									
3513	1	$205,321	$0	$205,321	19%									
3101	1	$205,629	$0	$205,629	19%									
3562	1	$205,812	$0	$205,812	19%									
280	1	$205,885	$0	$205,885	19%									
2053	1	$206,053	$0	$206,053	19%									
3833	1	$207,252	$0	$207,252	19%									
1264	1	$207,795	$0	$207,795	19%									
100	1	$208,003	$0	$208,003	19%									
4630	1	$208,238	$0	$208,238	19%									
412	1	$208,961	$0	$208,961	19%									
2936	1	$209,009	$0	$209,009	19%									
3584	1	$209,209	$0	$209,209	19%									
325	1	$209,354	$0	$209,354	19%									
1712	1	$209,404	$0	$209,404	19%									
2992	1	$209,428	$0	$209,428	19%									
2680	1	$209,905	$0	$209,905	19%									
4596	1	$210,017	$0	$210,017	19%									
2955	1	$210,212	$0	$210,212	19%									
2279	1	$210,363	$0	$210,363	19%									

3198	1	$210,894	$0	$210,894	19%									
2201	1	$210,915	$0	$210,915	19%									
3170	1	$211,005	$0	$211,005	19%									
4194	1	$211,055	$0	$211,055	19%									
917	1	$211,115	$0	$211,115	19%									
942	1	$211,224	$0	$211,224	19%									
2479	1	$211,619	$0	$211,619	19%									
4200	1	$211,700	$0	$211,700	19%									
3684	1	$211,818	$0	$211,818	19%									
350	1	$211,893	$0	$211,893	19%									
339	1	$211,973	$0	$211,973	19%									
4949	1	$212,000	$0	$212,000	19%									
531	1	$212,630	$0	$212,630	19%									
5000	1	$212,673	$0	$212,673	19%									
4030	1	$212,676	$0	$212,676	19%									
588	1	$212,793	$0	$212,793	19%									
115	1	$213,251	$0	$213,251	19%									
2882	1	$213,293	$0	$213,293	19%									
230	1	$213,439	$0	$213,439	19%									
318	1	$213,767	$0	$213,767	19%									
4133	1	$214,017	$0	$214,017	19%									
4894	1	$214,111	$0	$214,111	20%									
3475	1	$214,127	$0	$214,127	20%									
2156	1	$214,191	$0	$214,191	20%									
2174	1	$214,446	$0	$214,446	20%									
88	1	$214,635	$0	$214,635	20%									
326	1	$214,858	$0	$214,858	20%									
4518	1	$215,250	$0	$215,250	20%									
2317	1	$215,488	$0	$215,488	20%									
878	1	$215,978	$0	$215,978	20%									
1316	1	$216,044	$0	$216,044	20%									
1476	1	$216,131	$0	$216,131	20%									
259	1	$216,271	$0	$216,271	20%									
4959	1	$216,317	$0	$216,317	20%									
848	1	$216,372	$0	$216,372	20%									
3893	1	$216,708	$0	$216,708	20%									
54	1	$216,709	$0	$216,709	20%									
3419	1	$216,852	$0	$216,852	20%									
1973	1	$216,936	$0	$216,936	20%									
2031	1	$217,490	$0	$217,490	20%									
4255	1	$217,948	$0	$217,948	20%									
1856	1	$217,994	$0	$217,994	20%									
1952	1	$218,163	$0	$218,163	20%									
4570	1	$218,413	$0	$218,413	20%									
865	1	$218,944	$0	$218,944	20%									
3228	1	$218,998	$0	$218,998	20%									
4934	1	$219,160	$0	$219,160	20%									
3541	1	$219,303	$0	$219,303	20%									
301	1	$219,809	$0	$219,809	20%									

1052	1	$219,837	$0	$219,837	20%									
1375	1	$219,854	$0	$219,854	20%									
1880	1	$219,864	$0	$219,864	20%									
1522	1	$220,035	$0	$220,035	20%									
4581	1	$220,375	$0	$220,375	20%									
1640	1	$220,569	$0	$220,569	20%									
467	1	$220,846	$0	$220,846	20%									
2741	1	$220,970	$0	$220,970	20%									
3386	1	$221,133	$0	$221,133	20%									
2799	1	$221,340	$0	$221,340	20%									
2635	1	$221,364	$0	$221,364	20%									
842	1	$221,682	$0	$221,682	20%									
1021	1	$221,793	$0	$221,793	20%									
1235	1	$221,841	$0	$221,841	20%									
3949	1	$222,161	$0	$222,161	20%									
444	1	$222,226	$0	$222,226	20%									
3168	1	$222,253	$0	$222,253	20%									
2116	1	$222,374	$0	$222,374	20%									
2838	1	$222,539	$0	$222,539	20%									
4327	1	$222,575	$0	$222,575	20%									
2469	1	$222,723	$0	$222,723	20%									
3530	1	$222,899	$0	$222,899	20%									
1650	1	$223,243	$0	$223,243	20%									
2123	1	$223,325	$0	$223,325	20%									
299	1	$223,617	$0	$223,617	20%									
2958	1	$223,841	$0	$223,841	20%									
1677	1	$224,044	$0	$224,044	20%									
3071	1	$224,233	$0	$224,233	20%									
529	1	$224,258	$0	$224,258	20%									
2256	1	$224,269	$0	$224,269	20%									
4986	1	$224,446	$0	$224,446	20%									
4721	1	$224,490	$0	$224,490	20%									
2515	1	$224,518	$0	$224,518	20%									
1104	1	$224,767	$0	$224,767	20%									
3035	1	$224,922	$0	$224,922	20%									
425	1	$225,031	$0	$225,031	20%									
2426	1	$225,035	$0	$225,035	20%									
757	1	$225,152	$0	$225,152	21%									
4361	1	$225,303	$0	$225,303	21%									
4880	1	$225,524	$0	$225,524	21%									
2979	1	$225,549	$0	$225,549	21%									
4685	1	$225,551	$0	$225,551	21%									
4152	1	$225,556	$0	$225,556	21%									
3882	1	$225,713	$0	$225,713	21%									
810	1	$225,811	$0	$225,811	21%									
2802	1	$226,434	$0	$226,434	21%									
42	1	$227,080	$0	$227,080	21%									
4686	1	$227,102	$0	$227,102	21%									
2013	1	$227,287	$0	$227,287	21%									

4222	1	$227,342	$0	$227,342	21%									
2563	1	$227,376	$0	$227,376	21%									
2459	1	$227,483	$0	$227,483	21%									
2732	1	$227,666	$0	$227,666	21%									
2693	1	$227,669	$0	$227,669	21%									
3191	1	$227,704	$0	$227,704	21%									
260	1	$227,789	$0	$227,789	21%									
2084	1	$227,805	$0	$227,805	21%									
1397	1	$227,960	$0	$227,960	21%									
141	1	$228,491	$0	$228,491	21%									
101	1	$228,604	$0	$228,604	21%									
4499	1	$228,646	$0	$228,646	21%									
765	1	$228,751	$0	$228,751	21%									
1649	1	$229,022	$0	$229,022	21%									
3413	1	$229,402	$0	$229,402	21%									
1455	1	$229,616	$0	$229,616	21%									
2228	1	$229,912	$0	$229,912	21%									
1630	1	$230,624	$0	$230,624	21%									
3995	1	$230,645	$0	$230,645	21%									
4140	1	$230,966	$0	$230,966	21%									
2551	1	$231,290	$0	$231,290	21%									
3426	1	$231,730	$0	$231,730	21%									
9	1	$231,736	$0	$231,736	21%									
3365	1	$231,842	$0	$231,842	21%									
1016	1	$231,855	$0	$231,855	21%									
4519	1	$231,920	$0	$231,920	21%									
3368	1	$231,990	$0	$231,990	21%									
2987	1	$232,516	$0	$232,516	21%									
3355	1	$233,976	$0	$233,976	21%									
3741	1	$234,285	$0	$234,285	21%									
2048	1	$234,405	$0	$234,405	21%									
2227	1	$234,446	$0	$234,446	21%									
2378	1	$234,545	$0	$234,545	21%									
1059	1	$234,830	$0	$234,830	21%									
2850	1	$235,249	$0	$235,249	21%									
1204	1	$235,600	$0	$235,600	21%									
1342	1	$236,412	$0	$236,412	22%									
1492	1	$236,719	$0	$236,719	22%									
4867	1	$236,747	$0	$236,747	22%									
1986	1	$236,755	$0	$236,755	22%									
1597	1	$236,895	$0	$236,895	22%									
2206	1	$237,008	$0	$237,008	22%									
114	1	$237,071	$0	$237,071	22%									
1015	1	$237,931	$0	$237,931	22%									
3504	1	$238,414	$0	$238,414	22%									
2536	1	$238,494	$0	$238,494	22%									
3839	1	$238,623	$0	$238,623	22%									
4363	1	$238,641	$0	$238,641	22%									
4856	1	$240,043	$0	$240,043	22%									

1920	1	$240,186	$0	$240,186	22%									
430	1	$240,412	$0	$240,412	22%									
2171	1	$240,466	$0	$240,466	22%									
938	1	$240,605	$0	$240,605	22%									
3983	1	$240,622	$0	$240,622	22%									
4162	1	$240,665	$0	$240,665	22%									
379	1	$240,977	$0	$240,977	22%									
4641	1	$241,047	$0	$241,047	22%									
84	1	$241,058	$0	$241,058	22%									
3830	1	$241,183	$0	$241,183	22%									
4285	1	$241,444	$0	$241,444	22%									
313	1	$241,958	$0	$241,958	22%									
4658	1	$242,054	$0	$242,054	22%									
3876	1	$242,204	$0	$242,204	22%									
4717	1	$242,367	$0	$242,367	22%									
3548	1	$242,441	$0	$242,441	22%									
3036	1	$242,872	$0	$242,872	22%									
1553	1	$242,874	$0	$242,874	22%									
3837	1	$242,987	$0	$242,987	22%									
4041	1	$243,191	$0	$243,191	22%									
27	1	$243,352	$0	$243,352	22%									
2126	1	$243,554	$0	$243,554	22%									
1229	1	$243,582	$0	$243,582	22%									
775	1	$243,689	$0	$243,689	22%									
1410	1	$243,800	$0	$243,800	22%									
4906	1	$244,238	$0	$244,238	22%									
3723	1	$244,311	$0	$244,311	22%									
2545	1	$244,775	$0	$244,775	22%									
142	1	$245,152	$0	$245,152	22%									
385	1	$245,465	$0	$245,465	22%									
1401	1	$245,524	$0	$245,524	22%									
3460	1	$245,757	$0	$245,757	22%									
3436	1	$246,153	$0	$246,153	22%									
2675	1	$246,320	$0	$246,320	22%									
2607	1	$246,731	$0	$246,731	22%									
1148	1	$247,000	$0	$247,000	22%									
4052	1	$247,109	$0	$247,109	23%									
4436	1	$247,239	$0	$247,239	23%									
792	1	$247,463	$0	$247,463	23%									
3373	1	$247,990	$0	$247,990	23%									
576	1	$248,070	$0	$248,070	23%									
3006	1	$248,380	$0	$248,380	23%									
4525	1	$248,504	$0	$248,504	23%									
1488	1	$248,576	$0	$248,576	23%									
1039	1	$248,712	$0	$248,712	23%									
3161	1	$248,852	$0	$248,852	23%									
4220	1	$248,866	$0	$248,866	23%									
1888	1	$248,871	$0	$248,871	23%									
2916	1	$248,918	$0	$248,918	23%									

2683	1	$249,036	$0	$249,036	23%									
816	1	$249,181	$0	$249,181	23%									
1840	1	$249,304	$0	$249,304	23%									
265	1	$249,309	$0	$249,309	23%									
2034	1	$249,432	$0	$249,432	23%									
2040	1	$249,774	$0	$249,774	23%									
153	1	$249,793	$0	$249,793	23%									
2335	1	$249,955	$0	$249,955	23%									
1208	1	$250,079	$0	$250,079	23%									
3955	1	$250,095	$0	$250,095	23%									
3485	1	$250,125	$0	$250,125	23%									
4166	1	$250,131	$0	$250,131	23%									
1268	1	$250,157	$0	$250,157	23%									
4276	1	$250,681	$0	$250,681	23%									
1048	1	$251,035	$0	$251,035	23%									
991	1	$251,441	$0	$251,441	23%									
14	1	$251,481	$0	$251,481	23%									
3516	1	$251,519	$0	$251,519	23%									
1529	1	$251,786	$0	$251,786	23%									
4901	1	$251,823	$0	$251,823	23%									
4729	1	$252,634	$0	$252,634	23%									
2517	1	$252,646	$0	$252,646	23%									
1013	1	$253,161	$0	$253,161	23%									
3870	1	$253,230	$0	$253,230	23%									
2234	1	$253,567	$0	$253,567	23%									
1769	1	$253,586	$0	$253,586	23%									
2845	1	$254,208	$0	$254,208	23%									
2613	1	$254,618	$0	$254,618	23%									
3420	1	$254,662	$0	$254,662	23%									
4923	1	$255,014	$0	$255,014	23%									
3771	1	$255,131	$0	$255,131	23%									
1030	1	$255,769	$0	$255,769	23%									
3501	1	$255,898	$0	$255,898	23%									
1241	1	$256,194	$0	$256,194	23%									
4956	1	$256,312	$0	$256,312	23%									
3178	1	$256,788	$0	$256,788	23%									
2630	1	$256,905	$0	$256,905	23%									
992	1	$257,212	$0	$257,212	23%									
1432	1	$257,325	$0	$257,325	23%									
3203	1	$257,581	$0	$257,581	23%									
1101	1	$257,689	$0	$257,689	23%									
3121	1	$257,826	$0	$257,826	23%									
4977	1	$257,884	$0	$257,884	23%									
3844	1	$258,307	$0	$258,307	24%									
4124	1	$258,472	$0	$258,472	24%									
3222	1	$258,718	$0	$258,718	24%									
3241	1	$258,864	$0	$258,864	24%									
3098	1	$258,988	$0	$258,988	24%									
4972	1	$259,186	$0	$259,186	24%									

1554	1	$259,259	$0	$259,259	24%									
2098	1	$259,383	$0	$259,383	24%									
1897	1	$259,708	$0	$259,708	24%									
706	1	$260,102	$0	$260,102	24%									
2196	1	$260,289	$0	$260,289	24%									
1140	1	$260,423	$0	$260,423	24%									
2869	1	$260,835	$0	$260,835	24%									
734	1	$260,939	$0	$260,939	24%									
4084	1	$261,496	$0	$261,496	24%									
1023	1	$261,515	$0	$261,515	24%									
1562	1	$262,377	$0	$262,377	24%									
2952	1	$262,937	$0	$262,937	24%									
671	1	$263,107	$0	$263,107	24%									
1255	1	$263,302	$0	$263,302	24%									
249	1	$263,457	$0	$263,457	24%									
937	1	$263,545	$0	$263,545	24%									
771	1	$263,691	$0	$263,691	24%									
3827	1	$263,927	$0	$263,927	24%									
4039	1	$264,038	$0	$264,038	24%									
853	1	$264,310	$0	$264,310	24%									
3708	1	$264,351	$0	$264,351	24%									
4720	1	$264,720	$0	$264,720	24%									
3082	1	$264,736	$0	$264,736	24%									
1331	1	$264,924	$0	$264,924	24%									
3911	1	$265,139	$0	$265,139	24%									
3223	1	$265,470	$0	$265,470	24%									
3509	1	$265,795	$0	$265,795	24%									
2638	1	$265,859	$0	$265,859	24%									
3251	1	$266,505	$0	$266,505	24%									
3181	1	$266,587	$0	$266,587	24%									
348	1	$266,596	$0	$266,596	24%									
2027	1	$266,961	$0	$266,961	24%									
1949	1	$267,108	$0	$267,108	24%									
4085	1	$267,200	$0	$267,200	24%									
565	1	$267,234	$0	$267,234	24%									
4010	1	$267,405	$0	$267,405	24%									
3310	1	$267,419	$0	$267,419	24%									
2109	1	$268,099	$0	$268,099	24%									
678	1	$268,669	$0	$268,669	24%									
3681	1	$269,037	$0	$269,037	25%									
925	1	$269,082	$0	$269,082	25%									
4682	1	$269,166	$0	$269,166	25%									
3425	1	$269,323	$0	$269,323	25%									
2822	1	$269,966	$0	$269,966	25%									
63	1	$270,014	$0	$270,014	25%									
1044	1	$270,401	$0	$270,401	25%									
4249	1	$270,513	$0	$270,513	25%									
4719	1	$270,569	$0	$270,569	25%									
2900	1	$270,906	$0	$270,906	25%									

962	1	$271,000	$0	$271,000	25%									
2950	1	$271,176	$0	$271,176	25%									
4063	1	$272,404	$0	$272,404	25%									
947	1	$272,854	$0	$272,854	25%									
1362	1	$273,172	$0	$273,172	25%									
1688	1	$273,207	$0	$273,207	25%									
1193	1	$273,569	$0	$273,569	25%									
2444	1	$273,619	$0	$273,619	25%									
268	1	$273,626	$0	$273,626	25%									
3012	1	$273,718	$0	$273,718	25%									
3807	1	$273,842	$0	$273,842	25%									
1426	1	$273,873	$0	$273,873	25%									
2880	1	$274,047	$0	$274,047	25%									
817	1	$274,542	$0	$274,542	25%									
3972	1	$274,656	$0	$274,656	25%									
424	1	$275,455	$0	$275,455	25%									
3374	1	$275,549	$0	$275,549	25%									
3334	1	$275,680	$0	$275,680	25%									
2386	1	$276,046	$0	$276,046	25%									
4889	1	$276,072	$0	$276,072	25%									
1669	1	$276,219	$0	$276,219	25%									
1259	1	$276,298	$0	$276,298	25%									
4655	1	$276,545	$0	$276,545	25%									
4997	1	$276,782	$0	$276,782	25%									
2414	1	$277,218	$0	$277,218	25%									
859	1	$277,366	$0	$277,366	25%									
935	1	$277,426	$0	$277,426	25%									
3651	1	$277,445	$0	$277,445	25%									
305	1	$277,616	$0	$277,616	25%									
4337	1	$277,711	$0	$277,711	25%									
4375	1	$278,031	$0	$278,031	25%									
2572	1	$278,162	$0	$278,162	25%									
1172	1	$278,717	$0	$278,717	25%									
903	1	$278,755	$0	$278,755	25%									
426	1	$278,979	$0	$278,979	25%									
1690	1	$278,999	$0	$278,999	25%									
2312	1	$279,168	$0	$279,168	25%									
3623	1	$279,236	$0	$279,236	25%									
3395	1	$279,294	$0	$279,294	25%									
4749	1	$279,418	$0	$279,418	25%									
872	1	$279,518	$0	$279,518	25%									
2127	1	$279,705	$0	$279,705	25%									
3326	1	$279,999	$0	$279,999	26%									
4455	1	$280,502	$0	$280,502	26%									
2080	1	$280,570	$0	$280,570	26%									
687	1	$280,575	$0	$280,575	26%									
2797	1	$280,894	$0	$280,894	26%									
1940	1	$281,225	$0	$281,225	26%									
4963	1	$281,307	$0	$281,307	26%									

386	1	$281,530	$0	$281,530	26%									
4551	1	$281,616	$0	$281,616	26%									
2408	1	$281,678	$0	$281,678	26%									
1468	1	$281,695	$0	$281,695	26%									
4033	1	$281,847	$0	$281,847	26%									
1038	1	$281,994	$0	$281,994	26%									
3200	1	$282,026	$0	$282,026	26%									
2667	1	$282,240	$0	$282,240	26%									
3043	1	$282,246	$0	$282,246	26%									
3122	1	$282,260	$0	$282,260	26%									
4936	1	$282,587	$0	$282,587	26%									
2538	1	$282,727	$0	$282,727	26%									
3057	1	$283,032	$0	$283,032	26%									
4307	1	$283,219	$0	$283,219	26%									
2787	1	$283,404	$0	$283,404	26%									
4602	1	$283,545	$0	$283,545	26%									
4347	1	$283,642	$0	$283,642	26%									
1622	1	$283,873	$0	$283,873	26%									
4134	1	$283,888	$0	$283,888	26%									
1439	1	$284,071	$0	$284,071	26%									
2061	1	$284,196	$0	$284,196	26%									
3207	1	$284,213	$0	$284,213	26%									
1918	1	$284,354	$0	$284,354	26%									
3357	1	$284,446	$0	$284,446	26%									
1205	1	$284,571	$0	$284,571	26%									
2390	1	$284,880	$0	$284,880	26%									
151	1	$285,072	$0	$285,072	26%									
2631	1	$285,422	$0	$285,422	26%									
3707	1	$285,506	$0	$285,506	26%									
978	1	$285,516	$0	$285,516	26%									
1823	1	$285,974	$0	$285,974	26%									
689	1	$286,324	$0	$286,324	26%									
2089	1	$286,344	$0	$286,344	26%									
1868	1	$286,593	$0	$286,593	26%									
3737	1	$286,928	$0	$286,928	26%									
1465	1	$287,433	$0	$287,433	26%									
999	1	$287,435	$0	$287,435	26%									
3479	1	$287,780	$0	$287,780	26%									
4809	1	$288,269	$0	$288,269	26%									
1792	1	$288,532	$0	$288,532	26%									
1647	1	$288,573	$0	$288,573	26%									
2485	1	$288,611	$0	$288,611	26%									
2023	1	$289,217	$0	$289,217	26%									
1169	1	$289,340	$0	$289,340	26%									
1122	1	$289,537	$0	$289,537	26%									
2964	1	$289,662	$0	$289,662	26%									
3904	1	$289,686	$0	$289,686	26%									
2120	1	$289,952	$0	$289,952	26%									
899	1	$290,131	$0	$290,131	26%									

1408	1	$290,169	$0	$290,169	26%									
3588	1	$290,272	$0	$290,272	26%									
445	1	$291,162	$0	$291,162	27%									
345	1	$291,247	$0	$291,247	27%									
4834	1	$291,385	$0	$291,385	27%									
2559	1	$291,639	$0	$291,639	27%									
2507	1	$291,743	$0	$291,743	27%									
4698	1	$291,755	$0	$291,755	27%									
1866	1	$291,798	$0	$291,798	27%									
1343	1	$291,847	$0	$291,847	27%									
395	1	$291,969	$0	$291,969	27%									
2033	1	$292,216	$0	$292,216	27%									
1073	1	$292,249	$0	$292,249	27%									
3104	1	$293,547	$0	$293,547	27%									
1634	1	$293,633	$0	$293,633	27%									
2994	1	$293,913	$0	$293,913	27%									
1449	1	$294,026	$0	$294,026	27%									
3718	1	$294,568	$0	$294,568	27%									
2474	1	$294,775	$0	$294,775	27%									
1741	1	$294,904	$0	$294,904	27%									
46	1	$295,110	$0	$295,110	27%									
3224	1	$295,355	$0	$295,355	27%									
1545	1	$295,534	$0	$295,534	27%									
78	1	$295,856	$0	$295,856	27%									
2829	1	$296,028	$0	$296,028	27%									
3284	1	$296,322	$0	$296,322	27%									
1344	1	$296,354	$0	$296,354	27%									
1487	1	$296,369	$0	$296,369	27%									
4728	1	$296,396	$0	$296,396	27%									
2620	1	$297,122	$0	$297,122	27%									
346	1	$297,143	$0	$297,143	27%									
966	1	$297,538	$0	$297,538	27%									
1275	1	$297,653	$0	$297,653	27%									
4792	1	$297,886	$0	$297,886	27%									
4111	1	$298,587	$0	$298,587	27%									
1341	1	$298,706	$0	$298,706	27%									
4429	1	$299,390	$0	$299,390	27%									
1732	1	$300,005	$0	$300,005	27%									
4838	1	$300,057	$0	$300,057	27%									
3312	1	$300,135	$0	$300,135	27%									
2085	1	$300,224	$0	$300,224	27%									
4456	1	$300,534	$0	$300,534	27%									
3968	1	$300,658	$0	$300,658	27%									
1359	1	$300,866	$0	$300,866	27%									
1895	1	$301,065	$0	$301,065	27%									
1946	1	$301,074	$0	$301,074	27%									
3700	1	$301,085	$0	$301,085	27%									
950	1	$301,301	$0	$301,301	27%									
705	1	$301,326	$0	$301,326	27%									

1153	1	$301,421	$0	$301,421	27%									
4014	1	$301,626	$0	$301,626	27%									
1777	1	$301,668	$0	$301,668	27%									
4477	1	$302,051	$0	$302,051	28%									
1033	1	$302,469	$0	$302,469	28%									
2472	1	$302,588	$0	$302,588	28%									
2969	1	$302,684	$0	$302,684	28%									
1116	1	$302,781	$0	$302,781	28%									
3731	1	$303,289	$0	$303,289	28%									
2301	1	$303,347	$0	$303,347	28%									
3886	1	$303,399	$0	$303,399	28%									
2604	1	$303,415	$0	$303,415	28%									
3487	1	$303,521	$0	$303,521	28%									
1624	1	$303,548	$0	$303,548	28%									
1452	1	$303,689	$0	$303,689	28%									
1145	1	$303,721	$0	$303,721	28%									
2609	1	$303,807	$0	$303,807	28%									
3107	1	$304,266	$0	$304,266	28%									
2496	1	$304,286	$0	$304,286	28%									
3891	1	$304,296	$0	$304,296	28%									
829	1	$304,371	$0	$304,371	28%									
1243	1	$304,515	$0	$304,515	28%									
721	1	$304,548	$0	$304,548	28%									
1234	1	$305,550	$0	$305,550	28%									
446	1	$306,097	$0	$306,097	28%									
1695	1	$306,634	$0	$306,634	28%									
3551	1	$306,712	$0	$306,712	28%									
4082	1	$306,732	$0	$306,732	28%									
3583	1	$307,037	$0	$307,037	28%									
4746	1	$307,528	$0	$307,528	28%									
795	1	$307,607	$0	$307,607	28%									
1436	1	$307,719	$0	$307,719	28%									
2026	1	$307,856	$0	$307,856	28%									
3054	1	$308,143	$0	$308,143	28%									
2130	1	$308,959	$0	$308,959	28%									
4913	1	$309,008	$0	$309,008	28%									
561	1	$309,271	$0	$309,271	28%									
3789	1	$309,417	$0	$309,417	28%									
438	1	$309,698	$0	$309,698	28%									
3558	1	$309,791	$0	$309,791	28%									
582	1	$309,881	$0	$309,881	28%									
4591	1	$310,478	$0	$310,478	28%									
240	1	$310,695	$0	$310,695	28%									
2261	1	$310,914	$0	$310,914	28%									
3629	1	$310,938	$0	$310,938	28%									
3846	1	$311,556	$0	$311,556	28%									
1411	1	$311,984	$0	$311,984	28%									
97	1	$312,078	$0	$312,078	28%									
1893	1	$312,283	$0	$312,283	28%									

554	1	$312,501	$0	$312,501	28%									
518	1	$312,818	$0	$312,818	28%									
4098	1	$312,987	$0	$312,987	29%									
2658	1	$314,466	$0	$314,466	29%									
4435	1	$314,726	$0	$314,726	29%									
4943	1	$314,801	$0	$314,801	29%									
17	1	$315,443	$0	$315,443	29%									
3174	1	$315,541	$0	$315,541	29%									
3981	1	$315,632	$0	$315,632	29%									
3595	1	$315,922	$0	$315,922	29%									
3643	1	$316,395	$0	$316,395	29%									
1077	1	$317,696	$0	$317,696	29%									
3029	1	$317,917	$0	$317,917	29%									
691	1	$317,935	$0	$317,935	29%									
1705	1	$318,654	$0	$318,654	29%									
1656	1	$318,676	$0	$318,676	29%									
3632	1	$318,783	$0	$318,783	29%									
4444	1	$318,819	$0	$318,819	29%									
3951	1	$319,409	$0	$319,409	29%									
2670	1	$319,581	$0	$319,581	29%									
3990	1	$319,669	$0	$319,669	29%									
4368	1	$319,970	$0	$319,970	29%									
932	1	$320,001	$0	$320,001	29%									
4142	1	$320,190	$0	$320,190	29%									
3540	1	$320,289	$0	$320,289	29%									
2151	1	$320,323	$0	$320,323	29%									
65	1	$320,524	$0	$320,524	29%									
3517	1	$320,533	$0	$320,533	29%									
4006	1	$320,902	$0	$320,902	29%									
2316	1	$321,067	$0	$321,067	29%									
921	1	$321,353	$0	$321,353	29%									
2266	1	$321,472	$0	$321,472	29%									
2902	1	$321,735	$0	$321,735	29%									
389	1	$321,749	$0	$321,749	29%									
4448	1	$321,780	$0	$321,780	29%									
3370	1	$322,294	$0	$322,294	29%									
982	1	$322,516	$0	$322,516	29%									
2216	1	$322,672	$0	$322,672	29%									
1512	1	$322,987	$0	$322,987	29%									
3537	1	$323,128	$0	$323,128	29%									
4397	1	$323,524	$0	$323,524	29%									
376	1	$323,843	$0	$323,843	29%									
2665	1	$324,056	$0	$324,056	30%									
2948	1	$324,248	$0	$324,248	30%									
2674	1	$324,471	$0	$324,471	30%									
3066	1	$324,597	$0	$324,597	30%									
4172	1	$324,810	$0	$324,810	30%									
3733	1	$325,475	$0	$325,475	30%									
51	1	$325,633	$0	$325,633	30%									

3980	1	$325,704	$0	$325,704	30%									
3861	1	$325,775	$0	$325,775	30%									
1609	1	$325,928	$0	$325,928	30%									
1191	1	$325,937	$0	$325,937	30%									
1831	1	$325,966	$0	$325,966	30%									
2874	1	$325,984	$0	$325,984	30%									
3233	1	$326,066	$0	$326,066	30%									
606	1	$326,395	$0	$326,395	30%									
619	1	$326,401	$0	$326,401	30%									
3505	1	$326,412	$0	$326,412	30%									
4961	1	$326,963	$0	$326,963	30%									
3471	1	$327,585	$0	$327,585	30%									
342	1	$327,719	$0	$327,719	30%									
3396	1	$327,802	$0	$327,802	30%									
4831	1	$328,058	$0	$328,058	30%									
4408	1	$328,088	$0	$328,088	30%									
303	1	$328,982	$0	$328,982	30%									
1459	1	$329,432	$0	$329,432	30%									
3063	1	$329,434	$0	$329,434	30%									
471	1	$329,575	$0	$329,575	30%									
3377	1	$330,034	$0	$330,034	30%									
4858	1	$330,198	$0	$330,198	30%									
215	1	$330,207	$0	$330,207	30%									
1482	1	$330,419	$0	$330,419	30%									
4495	1	$330,895	$0	$330,895	30%									
1822	1	$331,010	$0	$331,010	30%									
111	1	$331,274	$0	$331,274	30%									
4785	1	$331,452	$0	$331,452	30%									
1780	1	$331,574	$0	$331,574	30%									
2134	1	$331,970	$0	$331,970	30%									
1453	1	$332,335	$0	$332,335	30%									
826	1	$332,451	$0	$332,451	30%									
4998	1	$332,726	$0	$332,726	30%									
4342	1	$332,971	$0	$332,971	30%									
3020	1	$333,176	$0	$333,176	30%									
1174	1	$333,256	$0	$333,256	30%									
206	1	$333,267	$0	$333,267	30%									
2765	1	$333,503	$0	$333,503	30%									
4416	1	$333,661	$0	$333,661	30%									
2384	1	$333,935	$0	$333,935	30%									
3589	1	$333,947	$0	$333,947	30%									
1519	1	$334,298	$0	$334,298	30%									
2980	1	$334,303	$0	$334,303	30%									
4068	1	$334,348	$0	$334,348	30%									
3729	1	$334,755	$0	$334,755	30%									
2257	1	$334,783	$0	$334,783	30%									
996	1	$335,015	$0	$335,015	31%									
4529	1	$335,157	$0	$335,157	31%									
2468	1	$335,837	$0	$335,837	31%									

2406	1	$336,078	$0	$336,078	31%									
4586	1	$336,641	$0	$336,641	31%									
82	1	$336,762	$0	$336,762	31%									
4937	1	$336,796	$0	$336,796	31%									
4516	1	$336,935	$0	$336,935	31%									
2568	1	$337,135	$0	$337,135	31%									
4058	1	$337,261	$0	$337,261	31%									
2590	1	$337,389	$0	$337,389	31%									
2512	1	$337,830	$0	$337,830	31%									
3806	1	$338,201	$0	$338,201	31%									
1352	1	$338,449	$0	$338,449	31%									
2365	1	$338,753	$0	$338,753	31%									
3586	1	$338,771	$0	$338,771	31%									
1898	1	$339,219	$0	$339,219	31%									
3665	1	$339,300	$0	$339,300	31%									
3599	1	$339,435	$0	$339,435	31%									
3507	1	$339,643	$0	$339,643	31%									
1370	1	$340,158	$0	$340,158	31%									
130	1	$340,291	$0	$340,291	31%									
2578	1	$340,310	$0	$340,310	31%									
1614	1	$341,089	$0	$341,089	31%									
2793	1	$341,136	$0	$341,136	31%									
1890	1	$341,252	$0	$341,252	31%									
3662	1	$341,482	$0	$341,482	31%									
2554	1	$341,521	$0	$341,521	31%									
1495	1	$342,138	$0	$342,138	31%									
3538	1	$342,204	$0	$342,204	31%									
595	1	$342,990	$0	$342,990	31%									
2022	1	$343,049	$0	$343,049	31%									
3879	1	$343,112	$0	$343,112	31%									
1525	1	$343,286	$0	$343,286	31%									
3044	1	$343,574	$0	$343,574	31%									
2311	1	$344,194	$0	$344,194	31%									
4616	1	$344,271	$0	$344,271	31%									
4657	1	$344,333	$0	$344,333	31%									
4578	1	$344,434	$0	$344,434	31%									
520	1	$344,519	$0	$344,519	31%									
2514	1	$344,933	$0	$344,933	31%									
798	1	$345,728	$0	$345,728	31%									
861	1	$345,932	$0	$345,932	32%									
3047	1	$346,724	$0	$346,724	32%									
2435	1	$347,024	$0	$347,024	32%									
3402	1	$347,466	$0	$347,466	32%									
357	1	$347,487	$0	$347,487	32%									
3997	1	$347,818	$0	$347,818	32%									
4453	1	$347,929	$0	$347,929	32%									
673	1	$348,033	$0	$348,033	32%									
4737	1	$348,535	$0	$348,535	32%									
3803	1	$348,776	$0	$348,776	32%									

3967	1	$348,897	$0	$348,897	32%									
3152	1	$349,244	$0	$349,244	32%									
427	1	$349,266	$0	$349,266	32%									
4122	1	$349,311	$0	$349,311	32%									
3877	1	$349,318	$0	$349,318	32%									
1489	1	$349,568	$0	$349,568	32%									
4100	1	$350,044	$0	$350,044	32%									
1210	1	$350,206	$0	$350,206	32%									
2475	1	$350,232	$0	$350,232	32%									
4125	1	$350,282	$0	$350,282	32%									
4607	1	$350,863	$0	$350,863	32%									
2069	1	$350,905	$0	$350,905	32%									
244	1	$350,953	$0	$350,953	32%									
1095	1	$351,148	$0	$351,148	32%									
3351	1	$351,777	$0	$351,777	32%									
44	1	$351,804	$0	$351,804	32%									
2660	1	$352,130	$0	$352,130	32%									
2275	1	$352,425	$0	$352,425	32%									
3450	1	$352,546	$0	$352,546	32%									
2260	1	$352,599	$0	$352,599	32%									
1402	1	$352,867	$0	$352,867	32%									
2710	1	$353,212	$0	$353,212	32%									
232	1	$353,226	$0	$353,226	32%									
4520	1	$353,850	$0	$353,850	32%									
288	1	$354,252	$0	$354,252	32%									
4127	1	$354,290	$0	$354,290	32%									
2302	1	$354,491	$0	$354,491	32%									
2706	1	$355,163	$0	$355,163	32%									
4317	1	$355,261	$0	$355,261	32%									
838	1	$355,272	$0	$355,272	32%									
1217	1	$355,724	$0	$355,724	32%									
3272	1	$356,186	$0	$356,186	32%									
4962	1	$356,213	$0	$356,213	32%									
2131	1	$356,307	$0	$356,307	32%									
4989	1	$356,844	$0	$356,844	33%									
4771	1	$357,206	$0	$357,206	33%									
3982	1	$357,671	$0	$357,671	33%									
4374	1	$358,174	$0	$358,174	33%									
2428	1	$358,293	$0	$358,293	33%									
4015	1	$358,369	$0	$358,369	33%									
3712	1	$358,508	$0	$358,508	33%									
2355	1	$359,558	$0	$359,558	33%									
1162	1	$360,601	$0	$360,601	33%									
2784	1	$360,674	$0	$360,674	33%									
2056	1	$361,180	$0	$361,180	33%									
495	1	$361,764	$0	$361,764	33%									
3502	1	$361,846	$0	$361,846	33%									
2423	1	$361,853	$0	$361,853	33%									
2991	1	$362,351	$0	$362,351	33%									

2541	1	$362,750	$0	$362,750	33%									
2937	1	$362,855	$0	$362,855	33%									
167	1	$362,940	$0	$362,940	33%									
2809	1	$363,854	$0	$363,854	33%									
3468	1	$364,172	$0	$364,172	33%									
2218	1	$364,487	$0	$364,487	33%									
2873	1	$364,614	$0	$364,614	33%									
2565	1	$364,644	$0	$364,644	33%									
964	1	$365,118	$0	$365,118	33%									
3989	1	$365,254	$0	$365,254	33%									
209	1	$365,359	$0	$365,359	33%									
421	1	$365,666	$0	$365,666	33%									
3650	1	$365,954	$0	$365,954	33%									
2947	1	$366,905	$0	$366,905	33%									
3515	1	$367,039	$0	$367,039	33%									
3186	1	$367,457	$0	$367,457	33%									
1503	1	$367,463	$0	$367,463	33%									
335	1	$367,468	$0	$367,468	33%									
2491	1	$367,664	$0	$367,664	33%									
989	1	$367,788	$0	$367,788	33%									
841	1	$367,796	$0	$367,796	33%									
3959	1	$368,073	$0	$368,073	34%									
2820	1	$368,175	$0	$368,175	34%									
1221	1	$368,213	$0	$368,213	34%									
4864	1	$368,394	$0	$368,394	34%									
3418	1	$368,738	$0	$368,738	34%									
2967	1	$368,775	$0	$368,775	34%									
2446	1	$368,964	$0	$368,964	34%									
3813	1	$369,212	$0	$369,212	34%									
2529	1	$369,296	$0	$369,296	34%									
4775	1	$369,586	$0	$369,586	34%									
946	1	$370,115	$0	$370,115	34%									
2698	1	$370,211	$0	$370,211	34%									
2075	1	$371,252	$0	$371,252	34%									
784	1	$371,534	$0	$371,534	34%									
1017	1	$371,730	$0	$371,730	34%									
4175	1	$372,773	$0	$372,773	34%									
3231	1	$372,817	$0	$372,817	34%									
1625	1	$373,877	$0	$373,877	34%									
3349	1	$374,172	$0	$374,172	34%									
95	1	$375,610	$0	$375,610	34%									
1869	1	$376,305	$0	$376,305	34%									
3279	1	$376,771	$0	$376,771	34%									
93	1	$376,875	$0	$376,875	34%									
3480	1	$376,912	$0	$376,912	34%									
1076	1	$377,168	$0	$377,168	34%									
4028	1	$377,245	$0	$377,245	34%									
4187	1	$377,390	$0	$377,390	34%									
1132	1	$377,729	$0	$377,729	34%									

716	1	$377,944	$0	$377,944	34%									
1187	1	$378,321	$0	$378,321	34%									
315	1	$378,600	$0	$378,600	34%									
4075	1	$379,025	$0	$379,025	35%									
2402	1	$379,235	$0	$379,235	35%									
4273	1	$379,867	$0	$379,867	35%									
708	1	$380,349	$0	$380,349	35%									
331	1	$380,492	$0	$380,492	35%									
1860	1	$380,769	$0	$380,769	35%									
2215	1	$381,183	$0	$381,183	35%									
4294	1	$381,262	$0	$381,262	35%									
3202	1	$381,386	$0	$381,386	35%									
3002	1	$381,579	$0	$381,579	35%									
3489	1	$382,177	$0	$382,177	35%									
161	1	$382,302	$0	$382,302	35%									
2385	1	$382,580	$0	$382,580	35%									
1128	1	$383,047	$0	$383,047	35%									
2575	1	$383,387	$0	$383,387	35%									
2816	1	$383,389	$0	$383,389	35%									
2769	1	$383,784	$0	$383,784	35%									
2788	1	$384,565	$0	$384,565	35%									
1226	1	$384,756	$0	$384,756	35%									
2162	1	$384,904	$0	$384,904	35%									
580	1	$385,253	$0	$385,253	35%									
311	1	$385,713	$0	$385,713	35%									
3320	1	$385,883	$0	$385,883	35%									
510	1	$385,923	$0	$385,923	35%									
1636	1	$386,174	$0	$386,174	35%									
4054	1	$386,336	$0	$386,336	35%									
4505	1	$386,454	$0	$386,454	35%									
3205	1	$386,544	$0	$386,544	35%									
3815	1	$386,612	$0	$386,612	35%									
4247	1	$386,752	$0	$386,752	35%									
3072	1	$387,093	$0	$387,093	35%									
4609	1	$387,350	$0	$387,350	35%									
1589	1	$387,671	$0	$387,671	35%									
1948	1	$387,781	$0	$387,781	35%									
3040	1	$387,942	$0	$387,942	35%									
1955	1	$388,511	$0	$388,511	35%									
3694	1	$388,875	$0	$388,875	35%									
1838	1	$389,116	$0	$389,116	35%									
199	1	$389,201	$0	$389,201	35%									
799	1	$390,513	$0	$390,513	36%									
620	1	$390,647	$0	$390,647	36%									
2357	1	$390,893	$0	$390,893	36%									
1144	1	$391,056	$0	$391,056	36%									
3067	1	$391,568	$0	$391,568	36%									
2499	1	$391,621	$0	$391,621	36%									
1072	1	$392,440	$0	$392,440	36%									

4306	1	$392,707	$0	$392,707	36%										
4724	1	$393,239	$0	$393,239	36%										
1238	1	$394,226	$0	$394,226	36%										
658	1	$394,395	$0	$394,395	36%										
2735	1	$394,974	$0	$394,974	36%										
776	1	$395,088	$0	$395,088	36%										
358	1	$395,167	$0	$395,167	36%										
934	1	$395,167	$0	$395,167	36%										
4701	1	$395,265	$0	$395,265	36%										
3408	1	$395,480	$0	$395,480	36%										
2644	1	$395,604	$0	$395,604	36%										
1603	1	$395,875	$0	$395,875	36%										
3964	1	$396,168	$0	$396,168	36%										
1431	1	$396,452	$0	$396,452	36%										
4560	1	$396,734	$0	$396,734	36%										
2288	1	$397,704	$0	$397,704	36%										
3053	1	$397,706	$0	$397,706	36%										
4697	1	$398,138	$0	$398,138	36%										
3278	1	$398,288	$0	$398,288	36%										
112	1	$398,746	$0	$398,746	36%										
2287	1	$398,835	$0	$398,835	36%										
2770	1	$399,287	$0	$399,287	36%										
1806	1	$399,359	$0	$399,359	36%										
2749	1	$399,875	$0	$399,875	36%										
3261	1	$400,329	$0	$400,329	36%										
143	1	$400,388	$0	$400,388	36%										
2711	1	$400,562	$0	$400,562	36%										
1355	1	$400,565	$0	$400,565	36%										
2837	1	$401,087	$0	$401,087	37%										
2781	1	$401,199	$0	$401,199	37%										
2867	1	$401,265	$0	$401,265	37%										
2963	1	$401,579	$0	$401,579	37%										
2404	1	$401,657	$0	$401,657	37%										
397	1	$401,689	$0	$401,689	37%										
1759	1	$402,027	$0	$402,027	37%										
4242	1	$402,145	$0	$402,145	37%										
3070	1	$402,372	$0	$402,372	37%										
80	1	$403,293	$0	$403,293	37%										
994	1	$403,399	$0	$403,399	37%										
279	1	$403,524	$0	$403,524	37%										
4065	1	$403,705	$0	$403,705	37%										
2934	1	$403,764	$0	$403,764	37%										
4148	1	$404,824	$0	$404,824	37%										
2024	1	$405,122	$0	$405,122	37%										
4234	1	$405,278	$0	$405,278	37%										
863	1	$405,307	$0	$405,307	37%										
292	1	$405,651	$0	$405,651	37%										
3672	1	$405,678	$0	$405,678	37%										
1212	1	$406,475	$0	$406,475	37%										

4501	1	$407,348	$0	$407,348	37%									
4053	1	$407,648	$0	$407,648	37%									
2371	1	$408,848	$0	$408,848	37%									
590	1	$408,934	$0	$408,934	37%									
3126	1	$409,618	$0	$409,618	37%									
2140	1	$409,658	$0	$409,658	37%									
3689	1	$410,019	$0	$410,019	37%									
1327	1	$410,421	$0	$410,421	37%									
3971	1	$410,636	$0	$410,636	37%									
890	1	$410,677	$0	$410,677	37%									
4618	1	$410,680	$0	$410,680	37%									
1389	1	$411,347	$0	$411,347	37%									
400	1	$411,583	$0	$411,583	37%									
4074	1	$412,642	$0	$412,642	38%									
4163	1	$412,648	$0	$412,648	38%									
1683	1	$413,113	$0	$413,113	38%									
3298	1	$413,200	$0	$413,200	38%									
1824	1	$413,685	$0	$413,685	38%									
4715	1	$413,877	$0	$413,877	38%									
2835	1	$413,958	$0	$413,958	38%									
3591	1	$414,000	$0	$414,000	38%									
2161	1	$414,417	$0	$414,417	38%									
488	1	$414,524	$0	$414,524	38%									
1607	1	$414,526	$0	$414,526	38%									
1422	1	$414,641	$0	$414,641	38%									
4761	1	$414,899	$0	$414,899	38%									
1188	1	$415,194	$0	$415,194	38%									
1796	1	$415,342	$0	$415,342	38%									
3410	1	$415,380	$0	$415,380	38%									
4018	1	$415,419	$0	$415,419	38%									
3750	1	$415,980	$0	$415,980	38%									
1092	1	$416,092	$0	$416,092	38%									
4345	1	$416,344	$0	$416,344	38%									
1907	1	$416,429	$0	$416,429	38%									
3670	1	$416,954	$0	$416,954	38%									
3970	1	$417,164	$0	$417,164	38%									
2509	1	$417,180	$0	$417,180	38%									
4741	1	$417,288	$0	$417,288	38%									
4521	1	$417,399	$0	$417,399	38%									
1349	1	$417,446	$0	$417,446	38%									
124	1	$417,885	$0	$417,885	38%									
1544	1	$417,916	$0	$417,916	38%									
4932	1	$418,034	$0	$418,034	38%									
2585	1	$418,485	$0	$418,485	38%									
1561	1	$418,534	$0	$418,534	38%									
3644	1	$418,741	$0	$418,741	38%									
3387	1	$419,477	$0	$419,477	38%									
3440	1	$419,859	$0	$419,859	38%									
410	1	$419,886	$0	$419,886	38%									

4489	1	$420,083	$0	$420,083	38%									
2899	1	$420,606	$0	$420,606	38%									
684	1	$421,035	$0	$421,035	38%									
983	1	$421,059	$0	$421,059	38%									
2812	1	$422,043	$0	$422,043	38%									
24	1	$422,233	$0	$422,233	38%									
3341	1	$422,288	$0	$422,288	38%									
1752	1	$424,073	$0	$424,073	39%									
1598	1	$424,135	$0	$424,135	39%									
1253	1	$424,149	$0	$424,149	39%									
3173	1	$424,290	$0	$424,290	39%									
201	1	$424,421	$0	$424,421	39%									
2193	1	$424,458	$0	$424,458	39%									
2599	1	$424,593	$0	$424,593	39%									
2036	1	$424,655	$0	$424,655	39%									
4794	1	$424,752	$0	$424,752	39%									
1247	1	$424,845	$0	$424,845	39%									
1407	1	$425,735	$0	$425,735	39%									
3862	1	$425,951	$0	$425,951	39%									
980	1	$426,067	$0	$426,067	39%									
4336	1	$426,571	$0	$426,571	39%									
2122	1	$426,773	$0	$426,773	39%									
707	1	$427,034	$0	$427,034	39%									
4067	1	$427,148	$0	$427,148	39%									
1384	1	$427,171	$0	$427,171	39%									
4595	1	$427,494	$0	$427,494	39%									
4203	1	$427,750	$0	$427,750	39%									
3010	1	$427,808	$0	$427,808	39%									
2487	1	$427,945	$0	$427,945	39%									
1357	1	$427,990	$0	$427,990	39%									
4888	1	$428,066	$0	$428,066	39%									
2508	1	$428,686	$0	$428,686	39%									
972	1	$428,877	$0	$428,877	39%									
3169	1	$428,883	$0	$428,883	39%									
4202	1	$430,258	$0	$430,258	39%									
211	1	$430,339	$0	$430,339	39%									
382	1	$431,048	$0	$431,048	39%									
4604	1	$431,147	$0	$431,147	39%									
1807	1	$431,486	$0	$431,486	39%									
2703	1	$432,032	$0	$432,032	39%									
4918	1	$432,140	$0	$432,140	39%									
2145	1	$432,156	$0	$432,156	39%									
4334	1	$432,240	$0	$432,240	39%									
900	1	$432,262	$0	$432,262	39%									
2637	1	$432,380	$0	$432,380	39%									
4290	1	$432,640	$0	$432,640	39%									
3546	1	$432,670	$0	$432,670	39%									
4274	1	$432,685	$0	$432,685	39%									
133	1	$432,764	$0	$432,764	39%									

4061	1	$433,047	$0	$433,047	39%									
1009	1	$433,766	$0	$433,766	40%									
415	1	$433,887	$0	$433,887	40%									
2855	1	$433,888	$0	$433,888	40%									
3383	1	$434,102	$0	$434,102	40%									
157	1	$434,440	$0	$434,440	40%									
2912	1	$434,528	$0	$434,528	40%									
3095	1	$434,839	$0	$434,839	40%									
85	1	$435,539	$0	$435,539	40%									
4538	1	$435,787	$0	$435,787	40%									
4029	1	$435,847	$0	$435,847	40%									
2358	1	$435,969	$0	$435,969	40%									
4557	1	$436,050	$0	$436,050	40%									
3166	1	$436,224	$0	$436,224	40%									
4298	1	$436,517	$0	$436,517	40%									
3027	1	$437,406	$0	$437,406	40%									
3939	1	$437,636	$0	$437,636	40%									
2597	1	$438,269	$0	$438,269	40%									
1520	1	$438,559	$0	$438,559	40%									
4488	1	$438,911	$0	$438,911	40%									
1770	1	$438,992	$0	$438,992	40%									
3858	1	$439,716	$0	$439,716	40%									
3353	1	$440,667	$0	$440,667	40%									
3543	1	$440,916	$0	$440,916	40%									
2461	1	$440,922	$0	$440,922	40%									
2566	1	$442,019	$0	$442,019	40%									
4325	1	$442,577	$0	$442,577	40%									
3872	1	$442,683	$0	$442,683	40%									
1383	1	$442,789	$0	$442,789	40%									
1446	1	$443,011	$0	$443,011	40%									
3382	1	$443,331	$0	$443,331	40%									
374	1	$443,534	$0	$443,534	40%									
1257	1	$443,563	$0	$443,563	40%									
1635	1	$444,001	$0	$444,001	40%									
1864	1	$444,304	$0	$444,304	40%									
408	1	$444,393	$0	$444,393	40%									
4778	1	$444,665	$0	$444,665	40%									
160	1	$445,728	$0	$445,728	41%									
1537	1	$446,587	$0	$446,587	41%									
4731	1	$447,158	$0	$447,158	41%									
1642	1	$447,400	$0	$447,400	41%									
4580	1	$448,013	$0	$448,013	41%									
1870	1	$448,109	$0	$448,109	41%									
4049	1	$448,779	$0	$448,779	41%									
1718	1	$448,790	$0	$448,790	41%									
2642	1	$448,859	$0	$448,859	41%									
4333	1	$448,987	$0	$448,987	41%									
4440	1	$448,989	$0	$448,989	41%									
2828	1	$449,633	$0	$449,633	41%									

263	1	$449,657	$0	$449,657	41%									
3456	1	$450,277	$0	$450,277	41%									
3314	1	$450,348	$0	$450,348	41%									
1632	1	$450,570	$0	$450,570	41%									
4790	1	$450,733	$0	$450,733	41%									
2065	1	$450,855	$0	$450,855	41%									
433	1	$450,998	$0	$450,998	41%									
1779	1	$451,338	$0	$451,338	41%									
1641	1	$451,584	$0	$451,584	41%									
2177	1	$451,875	$0	$451,875	41%									
3375	1	$452,048	$0	$452,048	41%									
2464	1	$452,173	$0	$452,173	41%									
2553	1	$452,673	$0	$452,673	41%									
2427	1	$453,044	$0	$453,044	41%									
2079	1	$453,440	$0	$453,440	41%									
3463	1	$453,865	$0	$453,865	41%									
4585	1	$454,234	$0	$454,234	41%									
4229	1	$454,624	$0	$454,624	41%									
1572	1	$455,883	$0	$455,883	42%									
1811	1	$456,023	$0	$456,023	42%									
814	1	$457,128	$0	$457,128	42%									
1293	1	$457,154	$0	$457,154	42%									
4541	1	$457,171	$0	$457,171	42%									
4272	1	$457,648	$0	$457,648	42%									
858	1	$457,717	$0	$457,717	42%									
1790	1	$457,880	$0	$457,880	42%									
1123	1	$457,936	$0	$457,936	42%									
1863	1	$458,686	$0	$458,686	42%									
852	1	$459,726	$0	$459,726	42%									
3609	1	$460,199	$0	$460,199	42%									
1511	1	$460,217	$0	$460,217	42%									
4625	1	$460,325	$0	$460,325	42%									
3916	1	$460,709	$0	$460,709	42%									
2722	1	$460,737	$0	$460,737	42%									
3292	1	$461,820	$0	$461,820	42%									
3381	1	$461,838	$0	$461,838	42%									
1267	1	$464,392	$0	$464,392	42%									
4263	1	$464,785	$0	$464,785	42%									
887	1	$465,297	$0	$465,297	42%									
4703	1	$465,412	$0	$465,412	42%									
1329	1	$465,537	$0	$465,537	42%									
4671	1	$465,607	$0	$465,607	42%									
2211	1	$466,248	$0	$466,248	42%									
766	1	$466,652	$0	$466,652	43%									
3587	1	$467,014	$0	$467,014	43%									
4414	1	$467,112	$0	$467,112	43%									
1416	1	$467,312	$0	$467,312	43%									
4683	1	$467,896	$0	$467,896	43%									
99	1	$468,571	$0	$468,571	43%									

988	1	$468,624	$0	$468,624	43%									
780	1	$468,832	$0	$468,832	43%									
1309	1	$468,938	$0	$468,938	43%									
1445	1	$469,070	$0	$469,070	43%									
2621	1	$469,137	$0	$469,137	43%									
2586	1	$470,054	$0	$470,054	43%									
1164	1	$470,411	$0	$470,411	43%									
3262	1	$470,534	$0	$470,534	43%									
1467	1	$470,632	$0	$470,632	43%									
146	1	$470,645	$0	$470,645	43%									
2199	1	$470,931	$0	$470,931	43%									
1111	1	$471,114	$0	$471,114	43%									
307	1	$471,664	$0	$471,664	43%									
148	1	$472,239	$0	$472,239	43%									
37	1	$472,283	$0	$472,283	43%									
1124	1	$472,445	$0	$472,445	43%									
4008	1	$472,621	$0	$472,621	43%									
3977	1	$472,762	$0	$472,762	43%									
2267	1	$472,818	$0	$472,818	43%									
2785	1	$472,843	$0	$472,843	43%									
3920	1	$473,287	$0	$473,287	43%									
3428	1	$473,331	$0	$473,331	43%									
573	1	$473,597	$0	$473,597	43%									
1239	1	$474,980	$0	$474,980	43%									
2232	1	$475,034	$0	$475,034	43%									
4193	1	$475,781	$0	$475,781	43%									
3421	1	$476,041	$0	$476,041	43%									
1707	1	$476,053	$0	$476,053	43%									
4638	1	$476,198	$0	$476,198	43%									
1363	1	$476,694	$0	$476,694	43%									
3819	1	$477,088	$0	$477,088	43%									
1581	1	$477,140	$0	$477,140	43%									
4930	1	$477,157	$0	$477,157	43%									
3398	1	$477,219	$0	$477,219	43%									
3641	1	$478,494	$0	$478,494	44%									
1962	1	$479,124	$0	$479,124	44%									
1751	1	$479,159	$0	$479,159	44%									
3018	1	$479,318	$0	$479,318	44%									
693	1	$479,395	$0	$479,395	44%									
4928	1	$479,774	$0	$479,774	44%									
4217	1	$479,873	$0	$479,873	44%									
117	1	$479,877	$0	$479,877	44%									
4275	1	$479,899	$0	$479,899	44%									
23	1	$480,009	$0	$480,009	44%									
3144	1	$480,189	$0	$480,189	44%									
4315	1	$480,217	$0	$480,217	44%									
2776	1	$480,263	$0	$480,263	44%									
2518	1	$480,483	$0	$480,483	44%									
763	1	$480,763	$0	$480,763	44%									

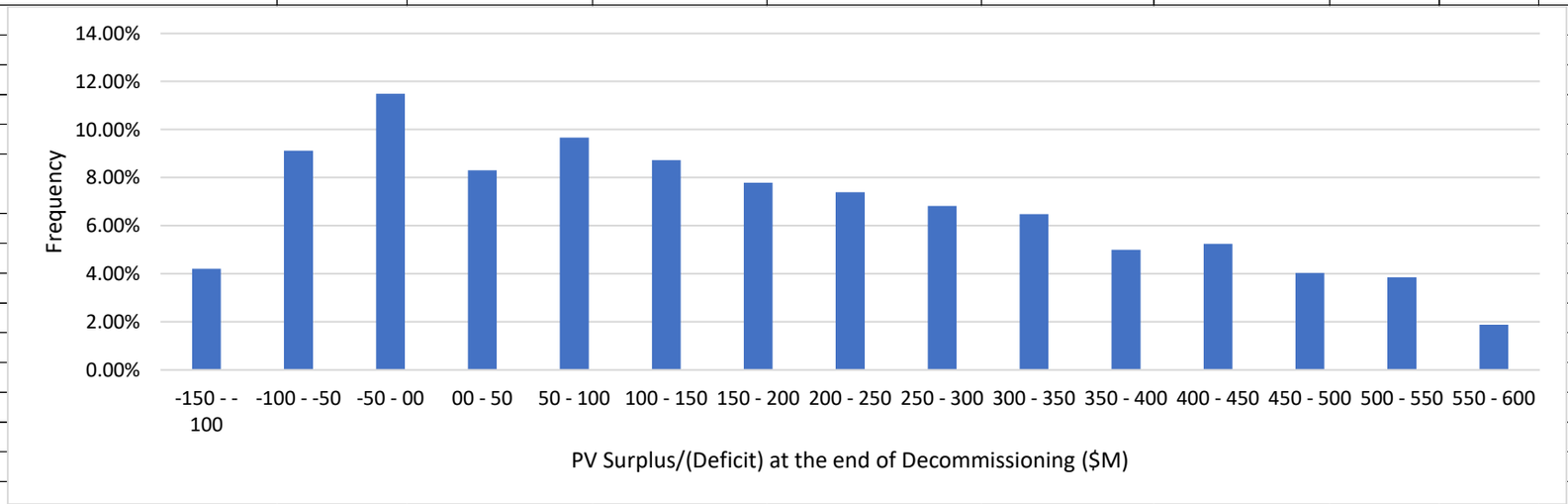
2988	1	$482,344	$0	$482,344	44%									
3058	1	$483,588	$0	$483,588	44%									
1060	1	$484,085	$0	$484,085	44%									
777	1	$485,666	$0	$485,666	44%									
4451	1	$486,663	$0	$486,663	44%									
1065	1	$486,950	$0	$486,950	44%									
473	1	$486,982	$0	$486,982	44%									
4681	1	$488,752	$0	$488,752	45%									
2498	1	$488,984	$0	$488,984	45%									
4610	1	$490,145	$0	$490,145	45%									
2489	1	$490,746	$0	$490,746	45%									
1992	1	$491,098	$0	$491,098	45%									
283	1	$491,388	$0	$491,388	45%									
4159	1	$491,476	$0	$491,476	45%									
2310	1	$491,707	$0	$491,707	45%									
669	1	$492,161	$0	$492,161	45%									
4188	1	$492,629	$0	$492,629	45%									
2840	1	$492,973	$0	$492,973	45%									
3906	1	$493,181	$0	$493,181	45%									
3051	1	$493,257	$0	$493,257	45%									
702	1	$493,409	$0	$493,409	45%									
2415	1	$493,638	$0	$493,638	45%									
3610	1	$494,920	$0	$494,920	45%									
3565	1	$495,011	$0	$495,011	45%									
640	1	$495,636	$0	$495,636	45%									
4157	1	$495,894	$0	$495,894	45%									
2129	1	$496,238	$0	$496,238	45%									
1612	1	$497,033	$0	$497,033	45%									
2960	1	$497,086	$0	$497,086	45%									
4782	1	$497,519	$0	$497,519	45%									
231	1	$497,928	$0	$497,928	45%									
3013	1	$498,102	$0	$498,102	45%									
4797	1	$498,165	$0	$498,165	45%									
513	1	$498,283	$0	$498,283	45%									
4031	1	$499,408	$0	$499,408	45%									
1131	1	$499,889	$0	$499,889	46%									
3722	1	$500,607	$0	$500,607	46%									
177	1	$500,701	$0	$500,701	46%									
923	1	$500,871	$0	$500,871	46%									
1286	1	$501,301	$0	$501,301	46%									
4632	1	$501,402	$0	$501,402	46%									
3163	1	$502,336	$0	$502,336	46%									
1068	1	$503,736	$0	$503,736	46%									
2775	1	$503,984	$0	$503,984	46%									
3061	1	$503,988	$0	$503,988	46%									
3918	1	$504,029	$0	$504,029	46%									
11	1	$505,141	$0	$505,141	46%									
321	1	$505,146	$0	$505,146	46%									
2940	1	$505,241	$0	$505,241	46%									

2438	1	$505,313	$0	$505,313	46%									
866	1	$505,999	$0	$505,999	46%									
2688	1	$506,137	$0	$506,137	46%									
2530	1	$506,169	$0	$506,169	46%									
743	1	$506,787	$0	$506,787	46%									
1563	1	$506,866	$0	$506,866	46%									
3486	1	$507,595	$0	$507,595	46%									
4553	1	$507,610	$0	$507,610	46%									
207	1	$507,790	$0	$507,790	46%									
2071	1	$507,852	$0	$507,852	46%									
1533	1	$508,018	$0	$508,018	46%									
3913	1	$508,550	$0	$508,550	46%									
1876	1	$508,901	$0	$508,901	46%									
4022	1	$509,368	$0	$509,368	46%									
805	1	$509,957	$0	$509,957	46%									
2886	1	$510,237	$0	$510,237	46%									
2217	1	$510,498	$0	$510,498	46%									
499	1	$512,098	$0	$512,098	47%									
2883	1	$512,162	$0	$512,162	47%									
3409	1	$512,312	$0	$512,312	47%									
1279	1	$512,359	$0	$512,359	47%									
2011	1	$513,076	$0	$513,076	47%									
4980	1	$513,522	$0	$513,522	47%									
4647	1	$514,244	$0	$514,244	47%									
1590	1	$514,988	$0	$514,988	47%									
559	1	$515,216	$0	$515,216	47%									
655	1	$515,483	$0	$515,483	47%									
3391	1	$515,629	$0	$515,629	47%									
3802	1	$515,772	$0	$515,772	47%									
2500	1	$515,924	$0	$515,924	47%									
599	1	$517,298	$0	$517,298	47%									
3695	1	$518,296	$0	$518,296	47%									
4733	1	$518,863	$0	$518,863	47%									
2535	1	$519,374	$0	$519,374	47%									
4108	1	$519,675	$0	$519,675	47%									
4468	1	$519,684	$0	$519,684	47%									
3466	1	$519,782	$0	$519,782	47%									
478	1	$519,984	$0	$519,984	47%									
1600	1	$520,075	$0	$520,075	47%									
4740	1	$521,098	$0	$521,098	47%									
180	1	$521,380	$0	$521,380	47%									
661	1	$521,391	$0	$521,391	47%									
875	1	$521,881	$0	$521,881	48%									
4947	1	$522,061	$0	$522,061	48%									
4446	1	$522,521	$0	$522,521	48%									
514	1	$524,188	$0	$524,188	48%									
1012	1	$524,413	$0	$524,413	48%									
3453	1	$525,324	$0	$525,324	48%									
1701	1	$525,363	$0	$525,363	48%									

3247	1	$525,831	$0	$525,831	48%									
3878	1	$526,150	$0	$526,150	48%									
107	1	$526,842	$0	$526,842	48%									
1557	1	$526,876	$0	$526,876	48%									
1591	1	$527,119	$0	$527,119	48%									
550	1	$527,235	$0	$527,235	48%									
2263	1	$527,505	$0	$527,505	48%									
223	1	$528,292	$0	$528,292	48%									
2744	1	$528,805	$0	$528,805	48%									
690	1	$529,212	$0	$529,212	48%									
4381	1	$529,396	$0	$529,396	48%									
3869	1	$529,690	$0	$529,690	48%									
3932	1	$530,742	$0	$530,742	48%									
309	1	$531,462	$0	$531,462	48%									
1969	1	$531,969	$0	$531,969	48%									
2718	1	$532,031	$0	$532,031	48%									
76	1	$532,266	$0	$532,266	48%									
1374	1	$532,300	$0	$532,300	48%									
884	1	$532,582	$0	$532,582	49%									
2596	1	$533,564	$0	$533,564	49%									
2289	1	$534,369	$0	$534,369	49%									
589	1	$534,428	$0	$534,428	49%									
3860	1	$534,519	$0	$534,519	49%									
2105	1	$534,671	$0	$534,671	49%									
4667	1	$534,827	$0	$534,827	49%									
4277	1	$534,890	$0	$534,890	49%									
1689	1	$534,962	$0	$534,962	49%									
694	1	$535,056	$0	$535,056	49%									
2977	1	$535,227	$0	$535,227	49%									
3569	1	$535,339	$0	$535,339	49%									
2664	1	$535,376	$0	$535,376	49%									
4032	1	$535,862	$0	$535,862	49%									
1180	1	$536,330	$0	$536,330	49%									
1034	1	$537,259	$0	$537,259	49%									
3259	1	$537,815	$0	$537,815	49%									
4816	1	$537,957	$0	$537,957	49%									
1200	1	$538,669	$0	$538,669	49%									
3069	1	$539,158	$0	$539,158	49%									
3011	1	$539,341	$0	$539,341	49%									
4546	1	$539,636	$0	$539,636	49%									
4278	1	$540,094	$0	$540,094	49%									
2700	1	$540,821	$0	$540,821	49%									
2677	1	$540,870	$0	$540,870	49%									
695	1	$542,629	$0	$542,629	49%									
1202	1	$543,089	$0	$543,089	49%									
349	1	$543,107	$0	$543,107	49%									
364	1	$543,186	$0	$543,186	49%									
1977	1	$543,786	$0	$543,786	50%									
1731	1	$544,577	$0	$544,577	50%									

845	1	$545,031	$0	$545,031	50%									
3171	1	$545,086	$0	$545,086	50%									
1413	1	$545,576	$0	$545,576	50%									
3503	1	$546,427	$0	$546,427	50%									
3019	1	$546,704	$0	$546,704	50%									
3103	1	$547,172	$0	$547,172	50%									
3225	1	$547,496	$0	$547,496	50%									
4457	1	$547,888	$0	$547,888	50%									
4254	1	$548,111	$0	$548,111	50%									
1828	1	$548,427	$0	$548,427	50%									
2646	1	$548,894	$0	$548,894	50%									
3614	1	$549,043	$0	$549,043	50%									
3232	1	$549,402	$0	$549,402	50%									
3852	1	$549,589	$0	$549,589	50%									
330	1	$549,627	$0	$549,627	50%									
3608	1	$549,691	$0	$549,691	50%									
4642	1	$550,260	$0	$550,260	50%									
1670	1	$550,340	$0	$550,340	50%									
2210	1	$550,393	$0	$550,393	50%									
2539	1	$552,217	$0	$552,217	50%									
4920	1	$554,110	$0	$554,110	50%									
525	1	$555,772	$0	$555,772	51%									
3895	1	$556,516	$0	$556,516	51%									
459	1	$556,587	$0	$556,587	51%									
4179	1	$556,715	$0	$556,715	51%									
4228	1	$556,750	$0	$556,750	51%									
2876	1	$557,056	$0	$557,056	51%									
1081	1	$557,343	$0	$557,343	51%									
1954	1	$557,414	$0	$557,414	51%									
825	1	$557,763	$0	$557,763	51%									
2284	1	$558,204	$0	$558,204	51%									
881	1	$558,216	$0	$558,216	51%									
1047	1	$558,449	$0	$558,449	51%									
1787	1	$558,562	$0	$558,562	51%									
4623	1	$560,059	$0	$560,059	51%									
538	1	$560,150	$0	$560,150	51%									
3110	1	$560,530	$0	$560,530	51%									
3197	1	$560,822	$0	$560,822	51%									
1443	1	$561,530	$0	$561,530	51%									
4341	1	$561,793	$0	$561,793	51%									
2633	1	$561,917	$0	$561,917	51%									
3631	1	$562,059	$0	$562,059	51%									
4845	1	$562,330	$0	$562,330	51%									
1125	1	$562,584	$0	$562,584	51%									
2725	1	$562,742	$0	$562,742	51%									
439	1	$563,391	$0	$563,391	51%									
2341	1	$563,536	$0	$563,536	51%									
2623	1	$563,656	$0	$563,656	51%									
419	1	$563,907	$0	$563,907	51%									

3845	1	$564,371	$0	$564,371	51%									
3810	1	$564,630	$0	$564,630	51%									
2821	1	$564,694	$0	$564,694	51%									
498	1	$565,028	$0	$565,028	51%									
4862	1	$565,419	$0	$565,419	51%									
1121	1	$566,148	$0	$566,148	52%									
4646	1	$566,508	$0	$566,508	52%									
286	1	$566,613	$0	$566,613	52%									
2721	1	$566,840	$0	$566,840	52%									
3338	1	$567,446	$0	$567,446	52%									
2050	1	$567,650	$0	$567,650	52%									
864	1	$567,689	$0	$567,689	52%									
4376	1	$567,734	$0	$567,734	52%									
1466	1	$568,687	$0	$568,687	52%									
298	1	$568,938	$0	$568,938	52%									
3711	1	$569,171	$0	$569,171	52%									
1054	1	$570,084	$0	$570,084	52%									
66	1	$570,963	$0	$570,963	52%									
3660	1	$572,287	$0	$572,287	52%									
2097	1	$572,536	$0	$572,536	52%									
1601	1	$572,813	$0	$572,813	52%									
4836	1	$573,091	$0	$573,091	52%									
40	1	$573,578	$0	$573,578	52%									
1861	1	$573,679	$0	$573,679	52%									
2849	1	$573,739	$0	$573,739	52%									
186	1	$574,150	$0	$574,150	52%									
3329	1	$575,185	$0	$575,185	52%									
720	1	$575,483	$0	$575,483	52%									
2856	1	$576,329	$0	$576,329	52%									

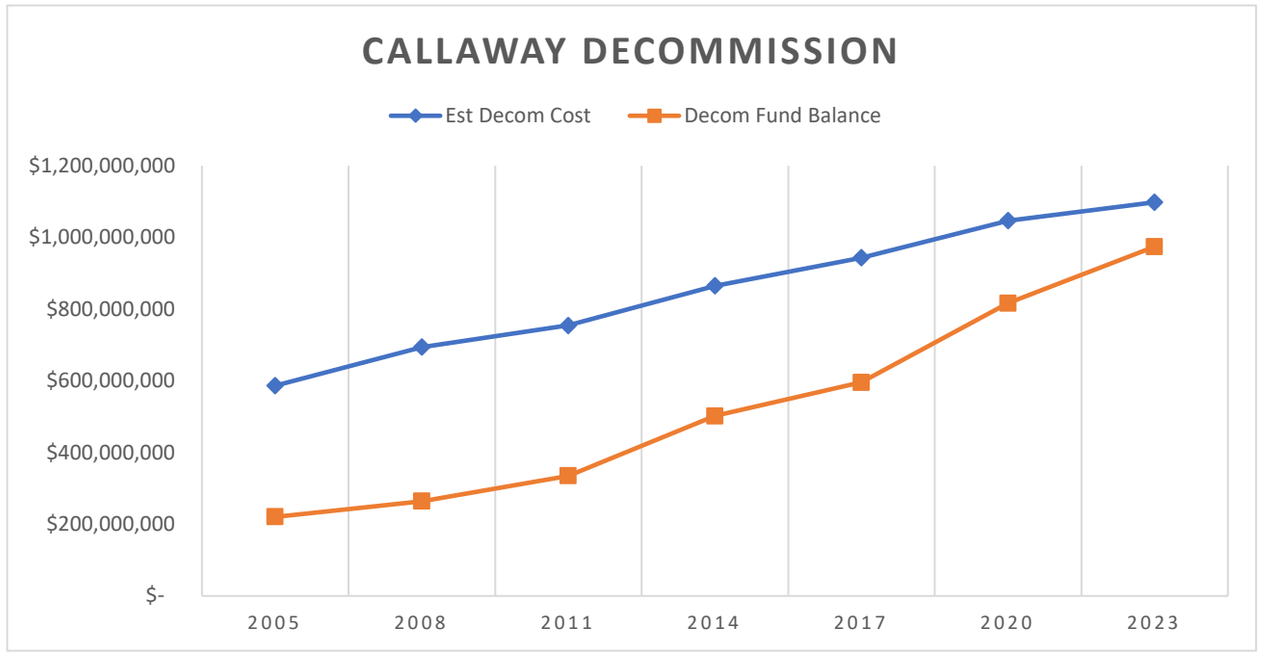


66% (3,300) of Scenarios	TLG Estimate for Decommission Cost (Thousands of 2023 Dollars):					$ 1,097,947	Cumulative				
Range	**Low End**	**High End**	**$ W/in Target**	**# Scenarios**	**% Scenarios**	**Avg. Surplus of Range**	**% Surplus**	**Cum. #**	**Cum. %**	**Avg $ Amt**	**Avg %**
-5% to 5%	-5%	5%	$ 54,897.35	780	23.64%	($2,931)	-0.27%	780	23.64%	($2,931)	-0.27%
-10% to -6% & 6% to 10%	-10%	10%	$ 109,794.70	649	19.67%	$7,025	0.64%	1,429	43.30%	$1,591	0.14%
-12% to -11% & 11% to 15%	-12%	15%	$ 164,692.05	379	11.48%	$95,178	8.67%	1,808	54.79%	$21,209	1.93%
16% to 20%	16%	20%	$ 219,589.40	275	8.33%	$198,039	18.04%	2,083	63.12%	$44,554	4.06%
21% to 25%	21%	25%	$ 274,486.75	250	7.58%	$252,463	22.99%	2,333	70.70%	$66,833	6.09%
26% to 30%	26%	30%	$ 329,384.10	249	7.55%	$306,516	27.92%	2,582	78.24%	$89,947	8.19%
31% to 35%	31%	35%	$ 384,281.45	192	5.82%	$361,335	32.91%	2,774	84.06%	$108,731	9.90%
36% to 40%	36%	40%	$ 439,178.80	191	5.79%	$417,839	38.06%	2,965	89.85%	$128,643	11.72%
41% to 45%	41%	45%	$ 494,076.15	145	4.39%	$471,311	42.93%	3,110	94.24%	$144,620	13.17%
46% to 50%	46%	50%	$ 548,973.50	133	4.03%	$526,140	47.92%	3,243	98.27%	$160,267	14.60%
51% to 52%	51%	52%	$ 570,932.44	57	1.73%	$564,874	51.45%	3,300	100.00%	$167,255	15.23%
			Total	3,300	100.00%						

		$ (thousands)		**% Surplus w/in the Target**
	Max	$576,329		52.49%
	Min	($129,394)		-11.79%
	Mean	$167,255		15.23%
	Median	$141,166		12.86%

	$ (thousands)	**# Scenarios**	**% Scenarios**	**% Cost**
Avg of Underfund	($57,253)	819	24.82%	-5.21%
Avg of Overfund	$241,367	2,481	75.18%	21.98%
		3,300	100.00%	

	Filing Date	Case No.	License Expire	Remaining Years of Operation	Total Estimated Decommission Cost	Trust Balance	Shortage	% Shortage of Total Decom Cost	Annual Principal Needed	Agreed Annual Contribution	Shortage Assuming Zero Growth, Principal Only and Zero Decom Inflation
2005	08/31/05	EO-2006-0098	2024	18	$ 586,515,200	$ 220,451,094	$ 366,064,106	62.41%	$ 20,336,895	$ 6,486,378	$ 249,309,302
2008	09/02/08	EO-2009-0081	2024	15	$ 693,907,000	$ 264,089,093	$ 429,817,907	61.94%	$ 28,654,527	$ 6,486,378	$ 332,522,237
2011	09/01/11	EO-2012-0070	2024	12	$ 754,498,000	$ 335,197,431	$ 419,300,569	55.57%	$ 34,941,714	$ 6,758,605	$ 338,197,309
2014	04/01/15	EO-2015-0253	2044	29	$ 864,734,000	$ 502,192,646	$ 362,541,354	41.93%	$ 12,501,426	$ 6,758,605	$ 166,541,809
2017	09/01/17	EO-2018-0051	2044	26	$ 943,465,000	$ 595,480,833	$ 347,984,167	36.88%	$ 13,384,006	$ 6,758,605	$ 172,260,437
2020	11/05/20	EO-2021-0050	2044	23	$ 1,046,835,000	$ 816,417,131	$ 230,417,869	22.01%	$ 10,018,168	$ 6,758,605	$ 74,969,954
2023	12/01/23	EO-2023-0448	2044	20	$ 1,097,947,000	$ 974,144,000	$ 123,803,000	11.28%	$ 6,190,150	$ 6,758,605	$ (11,369,100)
				2005	$ 586,515,200	$ 220,451,094					
				2024	$ 1,097,947,000	$ 974,144,000					
				% Increase	87.20%	341.89%					


CALLAWAY DECOMMISSION
Est Decom Cost
Decom Fund Balance
$1,200,000,000
$1,000,000,000
$800,000,000
$600,000,000
$400,000,000
$200,000,000
$-
2005
2008
2011
2014
2017
2020
2023