

New and Improved for 2023...

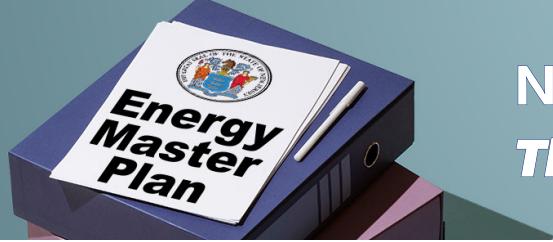


***...The Energy Master Plan is More
Expensive Than Ever!***

A Policy White Paper by Affordable Energy for New Jersey

January 2023





New and Improved for 2023... The EMP is More Expensive Than Ever

Introduction

In December 2019, the Murphy Administration launched the “Energy Master Plan” (EMP), an all-encompassing effort to eliminate the state’s carbon emissions by 2050 by restructure the entire New Jersey economy. Although the Murphy Administration has boasted about the benefits of the EMP, after more than three years, it *still* has not provided the public with an estimate of the EMP’s total cost.

An initial study of the EMP’s cost was prepared by Rutgers University. However, the state’s Board of Public Utilities (NJBPU), which sets electric and natural gas rates, has refused to release that study, claiming that the study’s findings were no longer valid because of the COVID-19 pandemic. Board President Joseph Fiordaliso said at a public board meeting,

“There’s been some question about the EMP ratepayer impact study. As some of you know, we began to look at how to analyze the Energy Master Plan rate impacts once, before COVID hit New Jersey.

When we began this process, we could not have possibly imagined what life would be like today. COVID-19 continues to wreck (sic) havoc on the health of our residents and the health of the economy, and has had wide-ranging implications on every sector, including energy and transportation.

We are committed to thoroughly analyze the ratepayer impacts, but we must take into account how the economy and the world has changed. As we look to build a strong, fairer, and healthier New Jersey in the new environment we find ourselves in, it is incumbent upon the board to consider the potential implications of the COVID virus in any rate impact analysis so we can provide the most current and accurate assessment possible.

One was done. We didn’t feel it provided that...we didn’t agree with the numbers...and so on, so we are going to be doing it again.

We will provide an update on this effort in the coming months and hope to provide that sooner than later.”

Last August 2022, the NJBPU released a report by a Massachusetts consulting firm that was supposed to examine the costs.¹ But that report, which has been widely panned, did not estimate an overall cost. Instead, it estimated the rates consumers and businesses would pay for electricity and natural gas in one year – 2030, while ignoring all of the direct costs consumers and businesses will be forced to pay, such as the cost to remove their fuel-burning furnaces and water heaters and replace them with electric heat pumps, the costs to upgrade electric service in older homes and apartment buildings, the costs of electric vehicles the state intends to force consumers to purchase, and so forth.

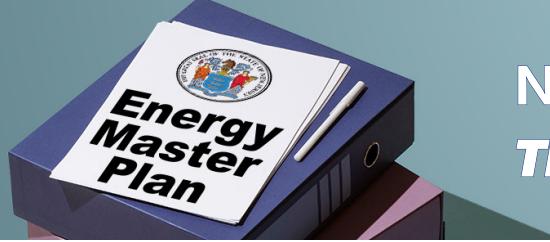
Revised Total Cost of the Energy Master Plan

\$1.4 TRILLION



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¹ The Brattle Group, “[New Jersey Energy Master Plan, Ratepayer Impact Study](#),” August 2022.



New and Improved for 2023... The EMP is More Expensive Than Ever

Two years ago, Affordable Energy for New Jersey (AENJ) worked with economist and energy policy expert Dr. Jonathan Lesser, of Continental Economics, to calculate what New Jersey residents and businesses can expect to pay for the EMP. He estimated a cost of \$525 billion through 2050.² That estimate was lower than two other estimates, which pegged the cost at \$750 billion³ and over \$1 trillion,⁴ respectively.

In the three years since the EMP's release, the state has made virtually no progress towards meeting its goals. None of the 11,000 MW of offshore wind power has been built. Neither has any of the 1,500 MW of new battery storage. And through the first nine months of last year, the total number of battery electric vehicles sold in the state since 2011 totaled 71,657, far less than the 330,000 the state has decreed be on New Jersey roads two years from now.

The state's lack of progress these past three years is actually a good thing because the EMP's "solutions" will bankrupt the state while doing nothing for the climate.

Revised Cost of the Energy Master Plan, per year, family of four

\$20,000

For Comparison...

2020 Average Property Tax Bill
\$9,112

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2 Jonathon Lesser, "[Trenton's Dirty Little Secret...Nobody Can Afford The EMP](#)," August 2020.

3 Tom Tanton, "[Cost of Electrification: A State-by-State Analysis and Results](#)," October 2020.

4 Ken Gregory, "The Cost of Net Zero Electrification of the U.S.A., Friends of Science, August 23, 2022.

Revised Cost of the Energy Master Plan, per resident

\$140,000

For Comparison...

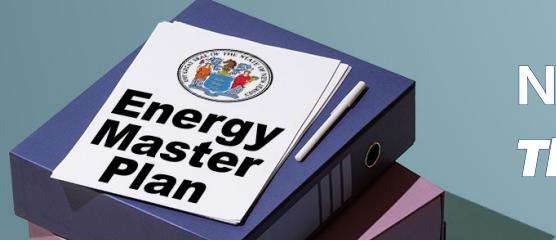
2020 Average Property Tax Bill
\$9,112

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Using more recent data, AENJ now estimates that the EMP will cost New Jersey residents **\$1.4 Trillion** – about \$140,000 per resident between now and 2050. That's an average of over \$5,000 every year for every single resident. This estimate assumes that inflation, which is running at over 7% per year, will fall to just over 2% per year from now through 2050. (By comparison, this year's state budget is \$45 billion.) Furthermore, AENJ's new estimate does not include other costs that will New Jersey consumers and businesses will pay, such as reimbursing the state's natural gas distribution companies for the "stranded" costs associated with their pipeline systems because the state will require those companies to provide reliable service to all customers, but the EMP's electrification mandate will force them out of business.

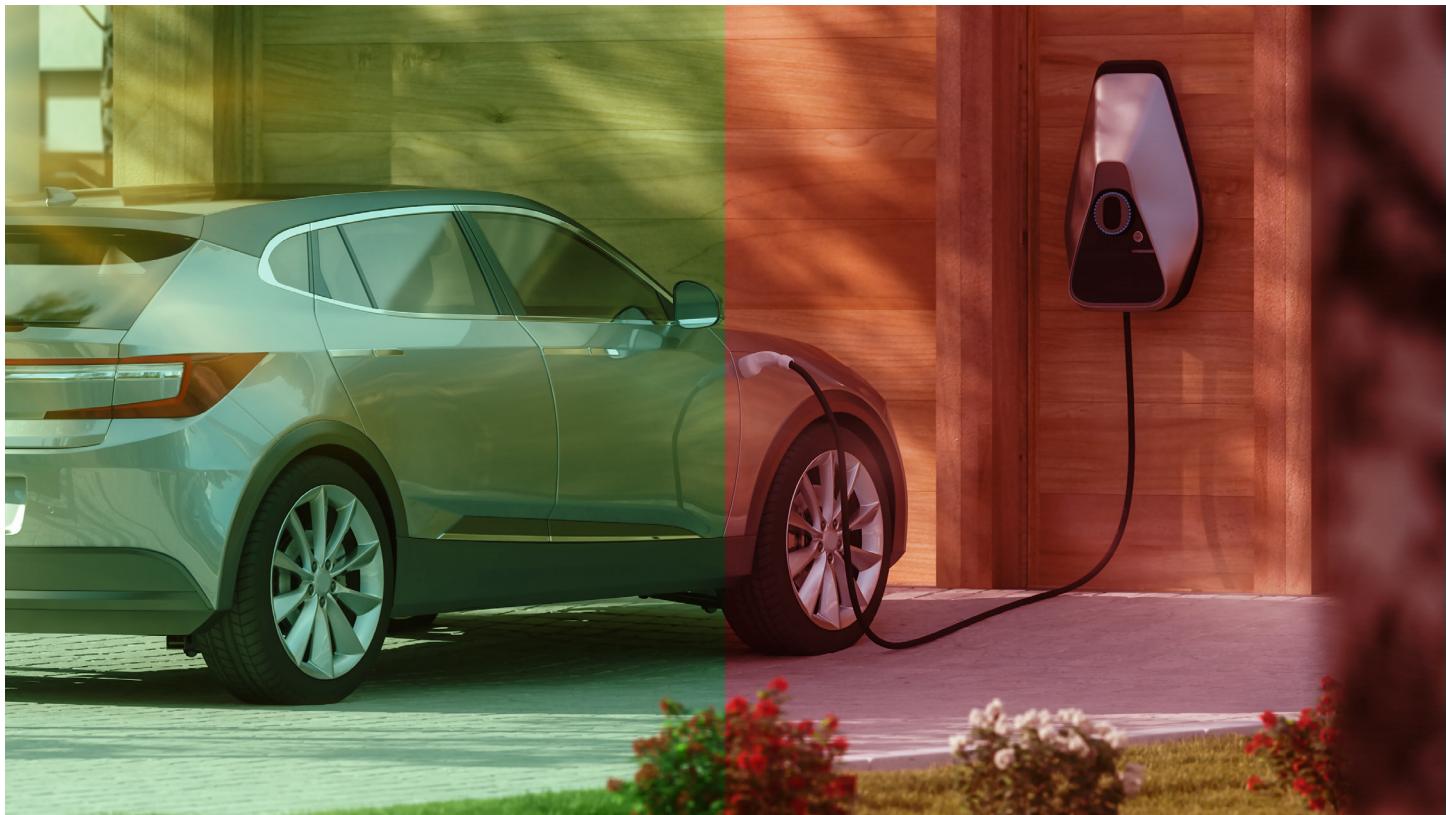
This paper provides revised estimates for the Energy Master Plan.





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Electrifying the Transportation Sector



The Energy Master Plan calls for electrifying all vehicles in the state – cars, trucks, and buses. Since 2011 and through September 2022, about 58,000 battery electric vehicles (EVs) were sold in the state. (There are about six million vehicles registered in the state.) State law requires that 330,000 EVs be on NJ roads by 2025, just two years from now, and two million by 2035.

EV proponents have long claimed that prices for new EVs will plummet until they are cheaper to buy than traditional, internal-combustion vehicles. But that hasn't happened. Instead, prices for EVs have soared, thanks to shortages of materials and increased demand. For example, according to Kelly Blue Book, the average price of an electric car was over \$65,000 last fall, \$17,000 more than an average gas-powered vehicle.

To take one example, when Ford first announced its all-electric Lightning pickup, which will be available this year, the company announced a price of \$45,000 for the lowest-cost model. The current price for that same model: \$58,000.⁵ The least expensive "extended range" version – 320 miles under ideal conditions, but less than 100 miles when towing a large trailer⁶ – has a sticker price of \$81,000. Similarly, the cheapest 2023 Tesla Model 3

5 Zac Palmer, "[2023 Ford F-150 Lightning price balloons yet again, starts at nearly \\$58,000 now](#)," Autoblog, December 16, 2022.

6 Eric Tingwall, "[Tow No! The Ford F-150 Lighting Struggled in Our Towing Test](#)," Motortrend, July 21, 2022



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has a sticker price of \$47,000,⁷ while the 2023 Model X has a starting price of over \$120,000.⁸ And EV manufacturers also are de-emphasizing low-cost models to focus on higher-cost, more profitable ones.

New Jersey is considering banning the sale of new internal-combustion vehicles beginning in 2035. Artificially increasing the demand for EVs will allow manufacturers to raise their prices. Forcing consumers to purchase an EV means increased demand – and higher prices – for the raw materials they require, notably the battery packs which manufacture requires huge quantities of materials.

But mandating individuals and businesses purchase EVs isn't the only cost. New Jersey doesn't charge sales

tax to buy an EV. At the current state sales tax rate of 6.625%, that's about \$24 billion in lost revenue that will be recovered elsewhere. Because EVs don't pay gasoline taxes that are used to maintain the state's roads and highways – around \$2 billion each year paid by both New Jersey residents and out of state drivers refueling in New Jersey, those lost revenues will have to be recovered elsewhere. Then there is the cost of installing home chargers, which cost around \$1,000, as well as upgrading electric utility lines to handle all of that extra load.

Overall, AENJ estimates that replacing all New Jersey vehicles – cars, light trucks, heavy-duty trucks, and buses – will cost **\$273 billion** between now and 2050.

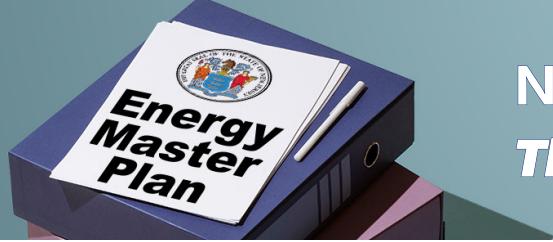
Estimated cost to replace all vehicles in the state - cars, trucks, and buses - along with the needed charging infrastructure and electric distribution upgrades:

\$273 Billion

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7 Colin Ryan, "[2023 Tesla Model 3 Review](#)," Kelly Blue Book, January 6, 2023.

8 Zach Doell, "[Tesla Model X Review](#)," US News & World Report, January 3, 2023.



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Electrifying Residential and Commercial Buildings



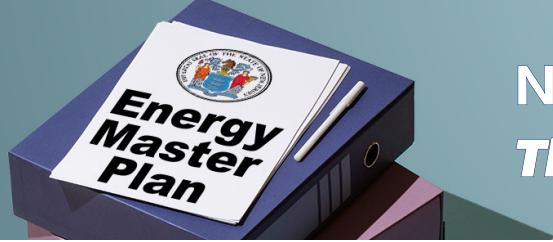
The Energy Master Plan calls for electrifying homes and businesses. The largest single expense will be replacing gas, propane, and oil-fired furnaces and water heaters in single-family homes, townhomes, and apartments, and replacing them with electric heat pumps. The EMP claims that the heat pumps will cost only a few thousand dollars more but will quickly pay for themselves in lower operating costs.

The EMP never evaluated the actual costs for installing heat pumps. Instead, the EMP relied on a 2018 estimate prepared by the Rocky Mountain Institute (RMI), which the state hired to help write the EMP.⁹ RMI's estimates were just that – estimates. Nowhere did RMI ever examine actual costs of installing heat pumps and heat pump water heaters in real homes.

But a study by Diversified Energy Specialists in Massachusetts did.¹⁰ They examined the actual costs of more than 600 conversions in homes over the five-year period, 2014 – 2019. Their analysis found that the cost to install a heat pump in a typical, 1,500 square foot home, cost \$23,000. Moreover, over 90% of their homes re-

9 Sherri Billimoria, et al., "[The Economics of Electrifying Buildings](#)," Rocky Mountain Institute 2018.

10 Diversified Energy Specialists, "[Case Study: Massachusetts Air-Source Heat Pump Installations, 2014-2019](#)," Report prepared for National Oil Heat Institute, November 19, 2019.



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tained a supplemental heat source because heat pumps work poorly in cold weather. The RMI study completely ignored the cost of supplemental heat.

The RMI study also failed to account for the additional cost of upgrading older homes' electric service to handle the additional electric load. According to US Census data, about 70% of all New Jersey homes were built before 1980. Most were built with 100-amp service panels. It wasn't until the 1980s when larger, 200-amp service panels began to be installed in homes. To handle the increased electric load, as well as the increased load associated with EV charging and replacing old gas stoves with electric ones – another EMP goal – most of the older 100-amp service panels will need to be replaced.

Requiring installation of millions of heat pumps and heat pump water heaters – New York and several New England states all want to impose the same mandate – will hugely increase the demand for heat pumps and the demand for qualified installers. That will lead to higher heat pump equipment and installation costs. Moreover, new federal Environmental Protection Agency rules that ban the use of the hydro-fluorocarbon refrigerant R-410a, which is commonly used in refrigerators, air conditioners, and heat pumps, went into effect on January 1, 2023.¹¹

The EPA now requires use of the more expensive refrigerant, R-454b, which will increase the costs of heat pumps.

There is the cost of retrofitting boilers in large buildings, such as schools. The state's Department

of Environmental Protection (DEP) had intended to require retrofitting boilers in about 8,000 large residential and commercial buildings. They initially estimated that operating costs would be only 4.2-4.9% more but issued a correction – operating costs would actually be 4.2-4.8 TIMES more. They delayed the rule because of the anticipated cost: an estimated average \$2 million per building or \$16 billion in today's dollars.¹²

In addition, there is the cost of retrofitting the approximately 2.7 billion square feet of commercial building space in the state to electrify them. In a 2012 study, RMI estimated the cost of this process, called "Deep Energy Retrofit" to between \$25 and \$150 per square foot for an office building, and cited case studies where the cost was between \$3.20 and \$204 per square foot.

Given that these studies are more than a decade old, and accounting for inflation since that time, AENJ believes that assuming an average cost of \$100 per square foot is a reasonable estimate. At that price, and assuming that the retrofitted buildings will reduce their energy consumption by an average of 30%, the cost for these retrofits is estimated to be \$200 billion in today's dollars.

Assuming that inflation falls to just over 2% per year through 2050¹³ and that progress towards the building electrification goals is constant each year, then the resulting overall expenditures between now and 2050 will total **\$566 billion**.

Estimated cost to electrify all residential and commercial buildings in New Jersey:

\$566 Billion

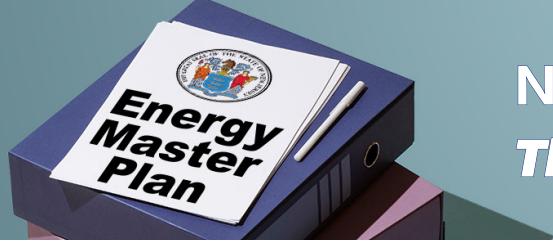


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11 U.S. Environmental Protection Agency, "[Phaseout of Ozone-Depleting Substances \(ODS\)](#)."

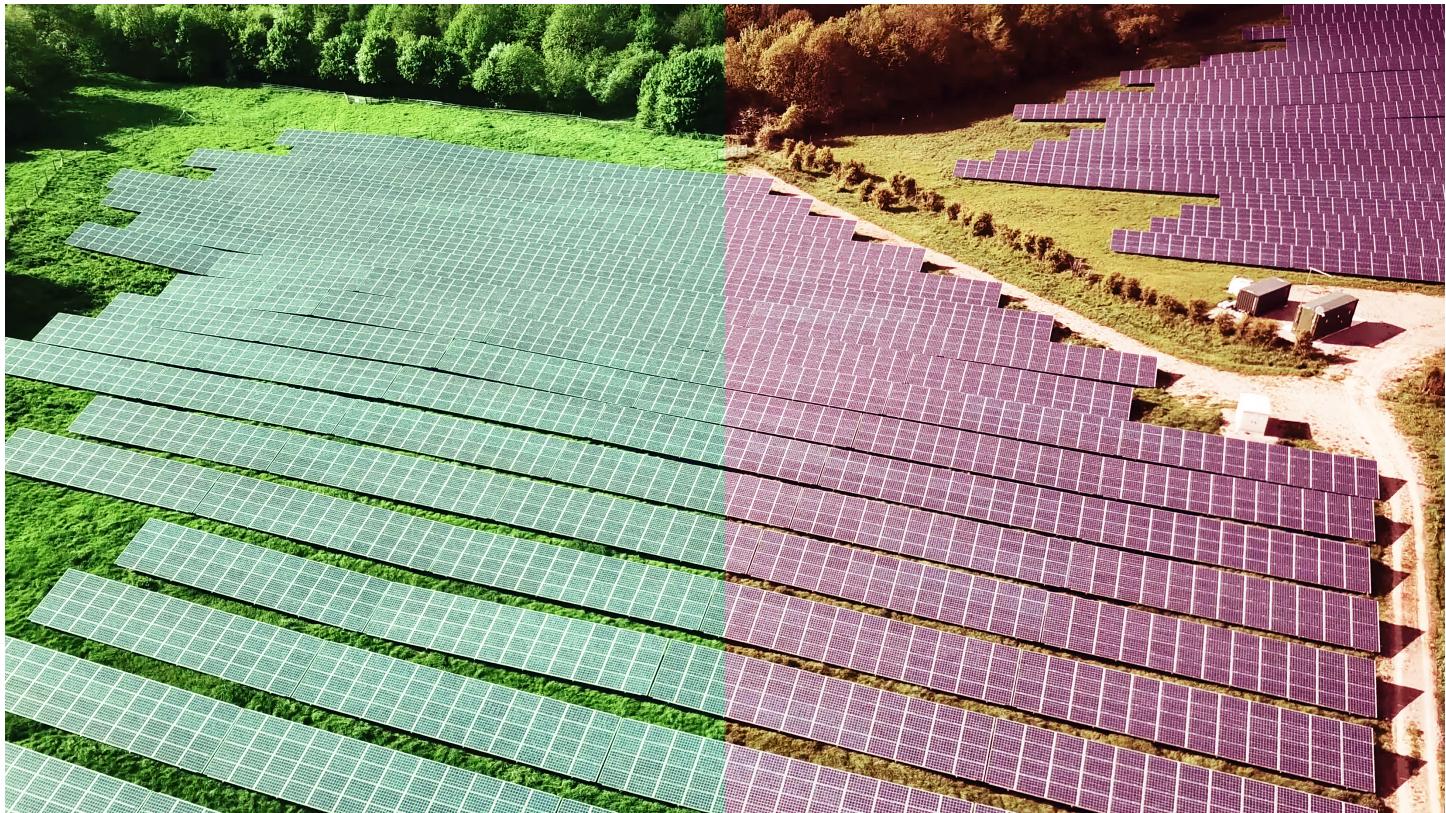
12 Tom Johnson, "[Boiler ban ditched, but power plant rules coming](#)," NJ Spotlight News, December 13, 2022.

13 U.S. Energy Information Administration, Annual Energy Outlook 2022, January 2022, Table A20.



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Powering the Electrified New Jersey Economy with Zero-Emissions Electricity



Under the Energy Master Plan, the electrified New Jersey economy will need to be supplied with zero- emissions electricity. By 2050, the state's two remaining nuclear plants – Hope Creek and Salem – will have been retired. It is unlikely that those plants, which will then be 60 years old, will be relicensed again and there are no plans to build new nuclear plants in New Jersey or elsewhere in the mid-Atlantic states.

Although some tout generation using biofuels, the reality is that there will never be enough plant matter – wood, switch grass, corn, etc., – to manufacture all of the biofuels envisioned for use in various states. Moreover, biofuels are not carbon-free. Others tout generators power by hydrogen made from surplus wind and solar power. But such generators do not even exist and the only cost-effective way to manufacture hydrogen today is to use natural gas.

Hence, meeting the EMP's goals and the state's mandate for carbon-free electricity will require vast quantities of offshore wind (OSW) and solar photovoltaic (PV) generation.

To determine how much OSW and solar PV generation will be needed to power an electrified New Jersey, AENJ looked at total end-use energy consumption in 2020, the latest year for which data are available from the US Energy Information Administration.



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The EIA estimated total end-use energy, that is, the amount of energy actually used for homes, businesses, manufacturing, agriculture, and transportation, to be 1,440 trillion BTUs. That amount excludes the energy used to generate electricity and deliver it to customers. (For example, a gas-fired generator that is 50% efficient loses converts only half the natural gas burned into electricity.)

One kilowatt-hour (kWh) of electricity is equivalent to 3,412 BTUs. So, excluding electric system losses, total energy use in the state in 2020 was equivalent to 422 billion kWh or 422 million megawatt-hours (MWh). (One MWh equals 1,000 kWh.) Although the state's population has increased over time (about 5% between 2010 and 2020) and is expected to continue increasing, suppose that, thanks to improved energy efficiency, total energy consumption doesn't increase.

In that case, by 2050, when the state is assumed to be fully electrified, OSW and solar PV will need to provide 422 million MWh of electricity each year, plus another 7% to account for system losses, or around 450 million MWh in total. (By comparison, in 2020, retail electric sales in the state totaled 72 million MWh.)

Solar PV is far less costly than OSW. However, because solar PV doesn't provide electricity at night, and because electrifying all buildings will mean electricity demand peaks in winter, when there are fewer than 10 hours of daylight, relying solely on solar PV would require vast quantities of battery storage or other emis-

sions-free back-up resources that would have to be used every night.

The EMP calls for over 26,000 MW of offshore wind and almost 20,000 MW of battery storage by 2050 if the state's two nuclear plants are retired, as expected. The EMP claims this, along with 32,000 MW of solar PV and thousands of MW of imported electricity, would meet the state's end-use electricity needs in 2050, which the EMP claims would be only 165 million MWh. That's about 60% less than total end-use energy consumption

in 2020, despite a forecast 10-15% increase in the state's population. Although AENJ believes that energy efficiency will reduce consumption, efficiency reduction estimates are almost always far too optimistic because they fail to account for actual behavior, such as turning up the heat to be more comfortable or driving more as miles-per-gallon increase.

For a more realistic estimate, AENJ determined

a mix of OSW and solar PV to meet total energy consumption at 2020 levels, assuming that improved energy efficiency would reduce energy use per person by one-third. Coupled with an assumed 12% increase in the state's population by 2050, that implies an overall reduction in total energy consumption of just under 25% below 2020.

The EMP assumed that total solar PV capacity would be 25% larger than OSW capacity. Using that same ratio would require almost 59,000 MW of OSW and over 73,000 MW of solar PV to generate the required electricity in 2050.

Estimated cost to build the offshore wind and solar photovoltaic capacity needed for an electrified New Jersey:

\$1.084 Trillion

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The EMP projects that the costs of OSW and solar PV will both decrease substantially over time. But recent experience shows just the opposite. PSEG, for example, which has a 25% ownership stake in Ocean Wind 1 is considering pulling out of the project because of higher construction costs. In Massachusetts, Commonwealth Wind and Mayflower Wind have told the state that increased costs – for materials and financing – mean they cannot build the projects.

The US EIA's most recent estimate of the cost of OSW installed in 2026 dates from two years ago. Moreover, for its calculations, the EIA assumes OSW turbines and solar PV have a life of 30 years. The actual lifetimes are 20 years for wind turbines and 25 years for solar panels. Because interest rates have risen from their artificially low levels of the past decade, financing is more costly. Moreover, the increased demand for raw materials, everything from rare earths minerals obtained from China, steel, undersea cable, etc., is increasing in cost. One reason for those increased materials costs: higher energy prices, which have raised manufacturing costs.

Correcting for the EIA's assumptions about OSW and solar PV lifetimes, and accounting for higher manufacturing costs, AENJ estimates that the building the required OSW and solar will cost over **\$1 trillion** between now and 2050.

If New Jersey's goal is an electrified economy, then it needs to ensure electricity supplies are reliable. All of that wind and solar power will require storage back-up because the wind doesn't always blow and the sun doesn't always shine. How much back-up battery storage depends on how long periods where there is neither wind nor sun occur. Although Europe has experienced multi-day periods where this happens. AENJ

estimated the amount of battery storage needed for a single day in winter when electricity demand would be at its highest.

To determine how much battery storage would be required, AENJ examined hourly loads for the state's electric utilities and compared that the hourly pattern of onshore wind and solar generation throughout PJM.

Ideally, wind and solar generation would follow the hourly pattern of electric load – producing the most when loads are greatest. That doesn't happen. For example, electric load typically peaks in the early evening, when solar PV output is near zero. Using these hourly data, AENJ determined that the largest discrepancy between peak load and wind/solar generation was just over 83% of peak load. In other words, rather than assuming there would be no OSW or solar generation at all when demand was greatest, AENJ assumed OSW and solar would provide about 17% of the needed electricity on the peak day.¹⁴

Although battery storage proponents predict costs will decrease, those costs are increasing. The reasons: greater demand for battery storage and higher materials and manufacturing costs. The largest battery storage facility in the US is at Moss Landing (near San Francisco Bay). It has a capacity of 400 MW and can provide 1,600 MWh of electricity. The project was completed in 2022 at a cost of about \$600 million, or \$375,000/MW.¹⁵ AENJ assumes that battery storage costs will remain at this amount – with cost decreases associated with improved technology offset by higher prices because of increased battery and materials demand. As such, the estimated cost of battery storage to compensate for just one winter's day without wind and sun would be almost **\$320 billion** between now and 2050.

Of course, the additional electricity will reduce the

¹⁴ As there is no offshore wind along the Atlantic coast, we cannot examine offshore wind generation patterns. Nevertheless, there are two offsetting impacts that make using the pattern of onshore wind and solar reasonable. Specifically, although OSW is expected to generate electricity in more hours than onshore wind, electrification of all space and water heating loads is likely to increase the "peakiness" of electricity demand in winter.

¹⁵ Vistra Energy, [SEC Form 10-K Report for the year ending December 31, 2021](#), p. 106.



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need for fossil fuels. AENJ accounts for those savings based on total energy expenditures in 2020. Specifically, AENJ assumes that prices for fossil fuels will increase at the rate of inflation, despite the decrease in demand as fossil fuel consumption is replaced with electricity. Based on this assumption, total fossil fuel expenditures for the years 2023 – 2050 would total \$1,072 trillion.

The net increase in costs for supplying electricity from OSW and solar PV, along with the required battery storage to compensate for a 24-hour period of minimal wind and solar output, is thus the difference between the cost of the OSW and solar PV, plus the battery stor-

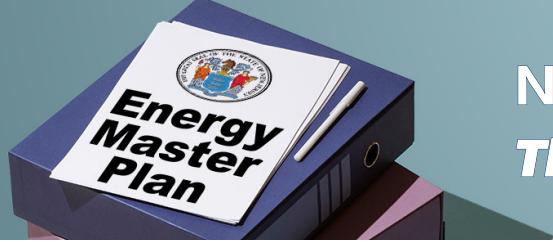
age cost, less the avoided expenditures for fossil fuels: **\$364 billion**.

There is also the cost of upgrading the state's high-voltage transmission system to handle the additional electricity consumption. In 2022, the Board of Public Utilities awarded several contracts totaling \$1 billion for upgrades to the transmission system to handle increased loads for the planned Ocean Wind project. Between now and 2050, AENJ estimates the state will need \$33 billion of new transmission system upgrades.

**Net increase in expenditures on
electricity and battery storage for
an electrified New Jersey:
\$364 Billion**



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Adding it All Up: The EMP Will Bankrupt New Jersey

The overall cost to achieve the Energy Master Plan's vision is staggering. To achieve it – if that's even possible – AENJ estimates the overall cost will be almost **\$1.4 Trillion**. With the state's population forecast to increase to around 10 million by 2050, that translates to over \$140,000 per person – more than \$5,000 per year every year. These are not "inflation-adjusted" dollars, like the estimates presented before, but instead are estimates of the actual amounts New Jersey residents and businesses will be forced to pay. These estimates assume that inflation, which has been over 7% per year, suddenly drops back down to around 2% per year. If inflation continues to pulverize the state's consumers and businesses, the costs will be much higher.

EMP Strategy	Estimated Cost
Electrify all transportation – cars, trucks, and buses	\$273 Billion
Electrify all residential and commercial buildings	\$566 Billion
Improve residential energy efficiency	\$140 Billion
Meet electricity demand with zero-emissions renewables	\$364 Billion
Upgrade the high-voltage transmission system	\$33 Billion
Total Estimated Cost	\$1,376 Billion

The estimated costs don't include other costs to New Jersey residents. Higher electricity costs will drive out business and industry. Constructing thousands of MW of offshore wind of the coast is being challenged because of the potential harm to endangered species. New Jersey's commercial and sports fisheries industries are likely to be devastated.

Then there is the cost of compensating the state's natural gas distribution companies for their "stranded" assets. The EMP mandates will force those companies out of business by eliminating natural gas consumption. But in the meantime, those companies are still required by the state to maintain and operate their distribution systems to meet the natural gas needs of New Jersey consumers. For example, PSE&G has \$10 billion in natural gas distribution and transmission assets. If the state "strands" those assets through forced electrification, then PSE&G will have the right to demand compensation from the state, which will be paid by ratepayers and taxpayers.

Finally, even if the electrification and zero-emissions goals of the EMP somehow are achieved, the impacts on world climate will be too small to measure. As for the impacts on local pollution, while electrifying everything will reduce local levels of air pollution, higher energy costs will have a disproportionate impact on lower-income residents that will adversely affect their health and well-being, as is happening in Europe, where millions of residents have been driven into energy poverty.

Assumptions for Energy Expenditure Analysis:

Assumed change in real (inflation-adjusted) price of OSW and solar PV, 2022 to 2050 (Percent):

-20.0%

Assumed NJ Population increase, 2020 - 2050 (Percent):

12.0%

Assumed reduction in EMP per capita electric energy use because of improved efficiency, 2022 - 2050 (Percent)

-33.0%

Assumed reduction in BAU per capita fossil fuel use because of improved efficiency, 2022 -2050 (Percent)

-10.0%

Assumed reduction in per capital electric use because of improved energy efficiency under BAU scenario

-20.0%

Wholesale Generation Cost Increase, 2020-2022, assumed to remain constant in real (inflation-adjusted) dollars under BAU, 2022-2050

40.0%

Line No.	EMP Strategy Description	2023 - 2050 Estimated Cost (Net Increase) (Billions of 2020\$)	2023 - 2050 Estimated Cost (Net Increase) (Billions of \$)
1	Transportation Electrification (All vehicles electric)	\$167.4	\$272.82
2	Renewable Energy (100% wind/solar by 2050)	\$223.4	\$364.18
3	Building Electrification (100% electricity by 2050)	\$347.0	\$565.66
4	Residential Energy Efficiency Upgrades*	\$86.0	\$140.20
5	Upgrade NJ T&D Systems	\$20.0	\$32.60
Total Cost		\$843.7	\$1,375.5

*-includes energy conservation mandate, more stringent building codes, TOU meters, etc.

Cost in 2020\$ (Billions)

\$843.72

Inflation 2020-2022

12.3%

Source: St. Louis Federal Reserve, FRED Database, GDP
Implicit price deflator, Q2_2022 vs Q2_2020

Assume 2020 cost is spent equally in all years, 2023-2050. (Delayed spending increases cost)

Assumed inflation 2022 - 2023:

5.00%

Assumed inflation 2023 - 2050:

2.30%

Source: US EIA, Annual Energy Outlook 2022, Table A20,
Macroeconomic Indicators

Year	Spending 2020\$	Inflation Factor	Nominal/Real Cost Ratio
2023	\$30.13	1.1793	\$35.54
2024	\$30.13	1.2064	\$36.35
2025	\$30.13	1.2342	\$37.19
2026	\$30.13	1.2626	\$38.04
2027	\$30.13	1.2916	\$38.92
2028	\$30.13	1.3213	\$39.81
2029	\$30.13	1.3517	\$40.73
2030	\$30.13	1.3828	\$41.67
2031	\$30.13	1.4146	\$42.63
2032	\$30.13	1.4471	\$43.61
2033	\$30.13	1.4804	\$44.61
2034	\$30.13	1.5145	\$45.63
2035	\$30.13	1.5493	\$46.68
2036	\$30.13	1.5849	\$47.76
2037	\$30.13	1.6214	\$48.86
2038	\$30.13	1.6587	\$49.98
2039	\$30.13	1.6968	\$51.13
2040	\$30.13	1.7358	\$52.31
2041	\$30.13	1.7758	\$53.51
2042	\$30.13	1.8166	\$54.74
2043	\$30.13	1.8584	\$56.00
2044	\$30.13	1.9011	\$57.29
2045	\$30.13	1.9449	\$58.60

2046	\$30.13	1.9896	\$59.95
2047	\$30.13	2.0353	\$61.33
2048	\$30.13	2.0822	\$62.74
2049	\$30.13	2.1301	\$64.18
2050	\$30.13	2.1790	\$65.66

TOTAL	\$843.72	\$1,375.46
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2020\$

Homes & Apartments, conversion to Electric Heat
Pumps

<u>Number of homes/townhouses</u>	2,300,000			
Electric heat pump net cost	\$23,347 (DES study, 2014-2019, inflated to 2020\$; assume new refrigerant mandated by EPA increase heat pump cost by 5%, demand increases cost 5%			
Electric service upgrade cost (100 to 200 amp)	\$2,500			
percent of NJ homes with oil/gas heat	85%			
Percent of NJ homes built before 1980	70% (these homes typically had 100 amp panels)			
Total space heat Retrofit cost	\$49,063,806,080			
<u>HP Water Heat Net Cost</u>	\$ 3,000.00			
percent of homes with oil/gas water heater	80%			
HP Water Heater retrofit cost	\$5,520,000,000			
		Year	Annual Cost 2020\$	Inflation Factor
				Annual Cost Nominal
<u>Multifamily units</u>	1,300,000	2023	\$12,392,278,789	1.1793
Avg. sq ft	1000	2024	\$12,392,278,789	1.2064
Avg Cost/sq ft	\$20.00	2025	\$12,392,278,789	1.2342
Retrofit cost	\$26,000,000,000	2026	\$12,392,278,789	1.2626
<u>Large buildings</u>	8000	2027	\$12,392,278,789	1.2916
(includes schools)		2028	\$12,392,278,789	1.3213
Average cost to replace boilers (DEP)	\$2,000,000.0	2029	\$12,392,278,789	1.3517
Total Cost	\$16,000,000,000	2030	\$12,392,278,789	1.3828
<u>Gas Stove Replacement</u>		2031	\$12,392,278,789	1.4146
Percent of hholds with gas range	69% EIA 2020 Residential Consumption Survey, NJ	2032	\$12,392,278,789	1.4471
Net cost per replacement	\$500.00	2033	\$12,392,278,789	1.4804
220v circuit upgrade (assume half needed)	\$1,000.00	2034	\$12,392,278,789	1.5145
Total Cost Gas Stove Replacement	\$3,400,000,000	2035	\$12,392,278,789	1.5493
TOTAL Building Electrification	\$99,983,806,080	2036	\$12,392,278,789	1.5849
		2037	\$12,392,278,789	1.6214
<u>Commercial Building Electrification - Deep Energy Retrofit (RMI)</u>		2038	\$12,392,278,789	1.6587
(Tanton method)		2039	\$12,392,278,789	1.6968
Commercial square footage NJ that is retrofitted by		2040	\$12,392,278,789	1.7358
2050	2,470,000,000	2041	\$12,392,278,789	1.7758
Upgrade cost per sq. foot (2020\$)	\$100.00	2042	\$12,392,278,789	1.8166
Total Cost	\$247,000,000,000	2043	\$12,392,278,789	1.8584
		2044	\$12,392,278,789	1.9011
		2045	\$12,392,278,789	1.9449
		2046	\$12,392,278,789	1.9896
		2047	\$12,392,278,789	2.0353
TOTAL Building Improvements:	\$346,983,806,080	TOTAL	\$346,983,806,080	\$565,659,998,507

NJ Hourly Loads	348,016,548		Annual End-use Generation (MWh)	357,797,289 (includes losses)	MWh	Solver:	-9,780,741
Hour	NJ Load as % of Peak	Hourly Load	Peak Load (MW)	86,760			
0	36.5%	31,664	Max Wind/Solar Percent Difference	83%	Based on CY 2022 PJM data for solar and onshore wind		
1	34.9%	30,251	Percent Difference with Offshore Wind	83%	Assume that offshore wind more steady.		
2	33.5%	29,085	Battery Capacity Required for 24-hours (MW) (includes 20% roundtrip loss)	520,977	Assumes 4-hour batteries		
3	32.8%	28,443	Battery Cost (Moss Landing). Millions of 2020\$	\$195,367			
4	32.5%	28,168					
5	32.7%	28,409					
6	33.3%	28,883					
7	33.9%	29,415					
8	34.6%	29,976					
9	35.8%	31,083					
10	37.2%	32,304					
11	38.2%	33,175					
12	38.6%	33,522					
13	38.8%	33,661					
14	38.7%	33,573					
15	39.2%	34,036					
16	41.5%	35,971					
17	44.0%	38,160					
18	43.9%	38,104					
19	43.0%	37,287					
20	42.1%	36,508					
21	40.8%	35,408					
22	39.1%	33,917					
23	36.7%	31,807					
24	34.5%	29,956					
25	33.2%	28,787					
26	32.2%	27,943					
27	31.7%	27,523					
28	31.7%	27,497					
29	32.1%	27,873					
30	33.0%	28,670					
31	33.9%	29,446					
32	34.7%	30,103					
33	35.8%	31,081					
34	37.3%	32,321					
35	38.0%	32,952					
36	37.9%	32,894					
37	37.6%	32,588					
38	38.2%	33,101					
39	38.9%	33,746					
40	41.8%	36,274					
41	45.1%	39,092					
42	45.3%	39,313					
43	45.0%	39,026					
44	44.3%	38,423					
45	42.9%	37,205					
46	41.0%	35,581					
47	38.7%	33,538					
48	36.8%	31,890					
49	35.8%	31,027					
50	35.4%	30,708					
51	35.6%	30,902					
52	36.5%	31,710					
53	38.5%	33,444					
54	42.0%	36,436					
55	45.2%	39,178					
56	47.4%	41,106					
57	49.3%	42,743					
58	50.5%	43,809					
59	51.3%	44,541					
60	51.6%	44,809					
61	51.9%	44,988					
62	52.0%	45,145					
63	52.5%	45,543					
64	54.0%	46,849					
65	56.7%	49,160					
66	56.3%	48,843					
67	55.2%	47,878					
68	53.9%	46,741					
69	51.8%	44,913					
70	48.7%	42,289					
71	45.9%	39,842					
72	44.0%	38,216					
73	43.1%	37,378					
74	42.8%	37,163					
75	42.7%	37,063					
76	43.7%	37,938					
77	45.5%	39,479					
78	48.9%	42,405					
79	51.5%	44,667					
80	51.9%	45,045					
81	50.4%	43,704					
82	48.6%	42,194					
83	47.3%	41,056					
84	46.6%	40,449					
85	47.1%	40,856					
86	48.3%	41,906					
87	49.5%	42,927					
88	52.3%	45,373					
89	56.2%	48,762					
90	56.3%	48,827					
91	55.4%	48,046					
92	54.0%	46,807					
93	51.8%	44,947					
94	48.7%	42,268					
95	45.6%	39,576					
96	43.6%	37,838					
97	42.5%	36,866					
98	41.8%	36,285					
99	41.7%	36,165					
100	42.1%	36,494					
101	43.6%	37,835					

102	46.8%	40,607
103	49.2%	42,684
104	50.7%	43,974
105	51.6%	44,729
106	52.0%	45,091
107	51.6%	44,739
108	50.2%	43,566
109	49.3%	42,731
110	49.0%	42,518
111	49.2%	42,726
112	51.2%	44,412
113	53.7%	46,553
114	53.1%	46,063
115	52.0%	45,108
116	50.5%	43,812
117	48.3%	41,893
118	45.3%	39,264
119	42.4%	36,771
120	40.2%	34,862
121	38.7%	33,574
122	38.2%	33,148
123	38.2%	33,103
124	39.0%	33,879
125	41.2%	35,732
126	45.0%	39,008
127	47.6%	41,300
128	48.6%	42,196
129	48.6%	42,191
130	48.0%	41,633
131	46.6%	40,472
132	45.8%	39,715
133	44.8%	38,886
134	45.5%	39,494
135	47.8%	41,443
136	50.8%	44,106
137	54.6%	47,340
138	54.3%	47,141
139	53.1%	46,065
140	51.7%	44,815
141	49.6%	43,005
142	46.8%	40,580
143	44.3%	38,397
144	42.2%	36,644
145	40.9%	35,456
146	40.4%	35,090
147	40.5%	35,137
148	41.0%	35,556
149	42.7%	37,038
150	45.1%	39,134
151	47.6%	41,269
152	49.3%	42,746
153	50.2%	43,593
154	50.4%	43,690
155	50.8%	44,053
156	51.4%	44,604
157	51.4%	44,611
158	51.1%	44,328
159	51.4%	44,571
160	52.9%	45,903
161	56.5%	49,013
162	56.3%	48,854
163	55.3%	48,011
164	54.0%	46,834
165	52.5%	45,526
166	49.9%	43,332
167	47.4%	41,157
168	45.3%	39,298
169	44.2%	38,318
170	43.5%	37,708
171	43.3%	37,549
172	43.5%	37,708
173	44.3%	38,474
174	45.9%	39,826
175	47.1%	40,859
176	48.3%	41,907
177	49.2%	42,679
178	49.1%	42,630
179	48.6%	42,168
180	47.7%	41,384
181	46.8%	40,593
182	46.3%	40,199
183	46.6%	40,403
184	48.6%	42,132
185	52.7%	45,689
186	53.2%	46,188
187	52.8%	45,777
188	51.9%	45,071
189	50.6%	43,869
190	48.7%	42,229
191	46.2%	40,125
192	44.2%	38,362
193	42.9%	37,229
194	42.1%	36,508
195	41.5%	35,984
196	41.3%	35,861
197	41.6%	36,058
198	42.3%	36,664
199	42.7%	37,083
200	43.6%	37,819
201	44.7%	38,823
202	46.3%	40,195
203	46.7%	40,547
204	46.7%	40,490
205	46.8%	40,570
206	46.7%	40,510

207	47.2%	40,978
208	49.1%	42,636
209	51.6%	44,735
210	51.3%	44,480
211	50.2%	43,519
212	48.8%	42,377
213	46.6%	40,430
214	43.9%	38,102
215	41.4%	35,955
216	39.5%	34,277
217	38.6%	33,493
218	38.2%	33,141
219	38.5%	33,377
220	39.7%	34,427
221	42.2%	36,598
222	46.4%	40,269
223	49.6%	43,066
224	49.7%	43,127
225	48.0%	41,679
226	46.4%	40,231
227	45.9%	39,846
228	46.9%	40,722
229	46.8%	40,567
230	48.0%	41,667
231	50.4%	43,758
232	53.6%	46,518
233	57.4%	49,804
234	57.4%	49,835
235	56.6%	49,108
236	55.3%	47,996
237	53.3%	46,270
238	50.5%	43,805
239	47.8%	41,469
240	45.8%	39,742
241	44.9%	38,919
242	44.6%	38,665
243	44.8%	38,886
244	45.7%	39,617
245	47.9%	41,597
246	51.8%	44,951
247	54.6%	47,393
248	54.7%	47,486
249	53.0%	45,983
250	50.8%	44,044
251	49.6%	43,037
252	48.8%	42,364
253	49.2%	42,681
254	50.5%	43,771
255	53.0%	45,973
256	56.8%	49,292
257	60.6%	52,568
258	60.7%	52,623
259	59.7%	51,829
260	58.5%	50,729
261	56.1%	48,673
262	53.1%	46,045
263	50.1%	43,488
264	48.1%	41,694
265	46.9%	40,714
266	46.4%	40,217
267	46.2%	40,101
268	46.8%	40,565
269	48.4%	42,018
270	51.9%	45,069
271	54.2%	47,032
272	53.8%	46,651
273	51.2%	44,401
274	49.0%	42,488
275	47.5%	41,194
276	46.7%	40,554
277	46.6%	40,406
278	48.1%	41,746
279	49.3%	42,782
280	51.8%	44,931
281	55.3%	48,012
282	55.4%	48,099
283	54.4%	47,211
284	53.1%	46,034
285	50.8%	44,102
286	48.0%	41,654
287	45.1%	39,120
288	43.0%	37,305
289	41.9%	36,385
290	41.4%	35,912
291	41.4%	35,920
292	42.1%	36,509
293	43.9%	38,047
294	47.6%	41,273
295	50.3%	43,607
296	50.0%	43,396
297	48.0%	41,669
298	45.8%	39,694
299	43.8%	38,029
300	43.7%	37,954
301	44.6%	38,664
302	45.5%	39,513
303	47.0%	40,785
304	49.3%	42,792
305	52.5%	45,568
306	52.3%	45,395
307	51.5%	44,674
308	50.1%	43,434
309	48.1%	41,697
310	45.3%	39,271
311	42.7%	37,076

312	40.8%	35,396
313	39.5%	34,242
314	38.9%	33,788
315	38.7%	33,569
316	39.4%	34,146
317	41.2%	35,722
318	44.5%	38,629
319	47.4%	41,094
320	48.0%	41,681
321	47.1%	40,855
322	44.5%	38,620
323	43.2%	37,467
324	42.9%	37,190
325	42.8%	37,106
326	43.4%	37,684
327	45.3%	39,305
328	48.5%	42,087
329	52.2%	45,322
330	52.8%	45,831
331	52.4%	45,450
332	51.7%	44,862
333	50.5%	43,782
334	48.6%	42,170
335	46.6%	40,417
336	44.9%	38,960
337	44.2%	38,315
338	43.9%	38,093
339	44.1%	38,302
340	44.7%	38,754
341	45.9%	39,786
342	47.7%	41,419
343	49.2%	42,667
344	49.3%	42,799
345	47.9%	41,554
346	46.5%	40,373
347	45.9%	39,853
348	46.6%	40,427
349	48.4%	41,974
350	49.2%	42,707
351	50.3%	43,644
352	52.7%	45,729
353	56.3%	48,825
354	56.6%	49,104
355	55.9%	48,489
356	55.1%	47,793
357	53.8%	46,648
358	52.0%	45,132
359	49.9%	43,304
360	48.1%	41,749
361	47.2%	40,931
362	46.4%	40,220
363	46.1%	39,988
364	46.4%	40,284
365	47.2%	40,929
366	48.3%	41,894
367	49.2%	42,683
368	49.1%	42,598
369	48.5%	42,114
370	48.4%	41,991
371	48.4%	41,987
372	48.8%	42,382
373	49.5%	42,980
374	50.4%	43,761
375	51.5%	44,691
376	53.4%	46,325
377	55.6%	48,225
378	55.0%	47,726
379	53.8%	46,717
380	52.4%	45,432
381	50.4%	43,762
382	47.6%	41,272
383	44.8%	38,830
384	42.4%	36,744
385	40.9%	35,496
386	39.8%	34,505
387	39.3%	34,129
388	39.6%	34,392
389	40.9%	35,526
390	43.1%	37,415
391	45.3%	39,305
392	47.0%	40,738
393	47.4%	41,093
394	48.6%	42,145
395	50.7%	44,015
396	51.2%	44,461
397	51.2%	44,389
398	51.1%	44,375
399	51.6%	44,743
400	53.3%	46,203
401	55.3%	47,998
402	54.9%	47,588
403	53.7%	46,555
404	52.3%	45,360
405	50.1%	43,447
406	47.3%	41,072
407	44.6%	38,695
408	42.6%	36,972
409	41.7%	36,196
410	41.5%	36,032
411	41.5%	35,974
412	42.2%	36,620
413	44.2%	38,324
414	47.8%	41,475
415	50.6%	43,862
416	50.2%	43,580

417	49.4%	42,832
418	48.9%	42,389
419	49.5%	42,905
420	48.2%	41,848
421	47.3%	41,011
422	47.9%	41,567
423	49.3%	42,774
424	51.9%	45,049
425	55.4%	48,087
426	55.6%	48,274
427	55.0%	47,731
428	53.6%	46,524
429	51.6%	44,781
430	48.7%	42,293
431	46.0%	39,906
432	44.0%	38,132
433	43.0%	37,304
434	42.5%	36,913
435	42.5%	36,881
436	43.3%	37,555
437	45.1%	39,119
438	48.8%	42,349
439	51.1%	44,333
440	51.1%	44,327
441	49.4%	42,836
442	46.9%	40,702
443	44.4%	38,499
444	42.8%	37,127
445	42.3%	36,689
446	43.1%	37,364
447	45.1%	39,121
448	48.1%	41,707
449	51.7%	44,845
450	51.9%	45,024
451	50.8%	44,116
452	49.5%	42,929
453	47.3%	41,056
454	44.3%	38,459
455	41.5%	35,989
456	39.1%	33,966
457	37.9%	32,909
458	37.4%	32,420
459	37.4%	32,460
460	38.1%	33,029
461	40.0%	34,672
462	43.7%	37,942
463	47.1%	40,840
464	49.3%	42,766
465	50.6%	43,933
466	51.4%	44,557
467	51.1%	44,339
468	50.7%	43,972
469	50.4%	43,719
470	50.0%	43,379
471	50.8%	44,055
472	52.4%	45,483
473	55.8%	48,385
474	56.2%	48,734
475	55.4%	48,102
476	54.3%	47,146
477	52.5%	45,563
478	50.0%	43,337
479	47.6%	41,258
480	45.8%	39,744
481	45.0%	39,048
482	44.9%	38,930
483	45.0%	39,066
484	46.1%	40,018
485	48.3%	41,864
486	52.1%	45,186
487	55.0%	47,694
488	55.7%	48,333
489	55.2%	47,901
490	53.6%	46,477
491	51.8%	44,935
492	50.1%	43,426
493	49.7%	43,132
494	51.6%	44,787
495	53.9%	46,732
496	56.2%	48,762
497	59.1%	51,306
498	59.1%	51,301
499	58.1%	50,379
500	56.7%	49,224
501	54.9%	47,626
502	52.5%	45,515
503	49.8%	43,178
504	47.8%	41,510
505	46.6%	40,436
506	46.1%	39,993
507	46.1%	40,018
508	46.4%	40,256
509	47.3%	41,071
510	48.9%	42,425
511	50.1%	43,489
512	49.7%	43,106
513	47.9%	41,583
514	45.7%	39,680
515	44.2%	38,344
516	43.1%	37,363
517	42.5%	36,896
518	43.2%	37,500
519	45.4%	39,387
520	48.6%	42,179
521	52.6%	45,606

522	53.7%	46,621
523	53.4%	46,353
524	52.8%	45,775
525	51.3%	44,537
526	49.4%	42,964
527	47.3%	41,078
528	45.6%	39,582
529	44.3%	38,475
530	43.6%	37,862
531	43.4%	37,616
532	43.5%	37,728
533	44.1%	38,258
534	45.3%	39,262
535	45.6%	39,561
536	45.7%	39,668
537	44.8%	38,879
538	42.2%	36,587
539	40.4%	35,047
540	39.8%	34,511
541	40.9%	35,512
542	42.6%	37,002
543	44.4%	38,492
544	47.8%	41,495
545	51.6%	44,745
546	52.2%	45,291
547	51.7%	44,872
548	50.6%	43,894
549	48.8%	42,356
550	46.3%	40,130
551	43.6%	37,844
552	41.7%	36,146
553	40.6%	35,234
554	40.3%	34,923
555	40.5%	35,176
556	41.4%	35,941
557	43.7%	37,912
558	47.9%	41,590
559	50.9%	44,185
560	51.2%	44,402
561	49.5%	42,939
562	46.8%	40,604
563	44.9%	38,974
564	43.9%	38,071
565	44.9%	38,986
566	46.5%	40,382
567	48.5%	42,102
568	51.8%	44,921
569	55.3%	48,012
570	55.4%	48,069
571	54.4%	47,169
572	52.8%	45,768
573	50.3%	43,674
574	47.0%	40,814
575	44.0%	38,207
576	41.7%	36,174
577	40.5%	35,137
578	39.7%	34,467
579	39.6%	34,334
580	40.2%	34,882
581	42.4%	36,767
582	46.4%	40,238
583	49.2%	42,695
584	49.8%	43,183
585	50.4%	43,741
586	50.7%	43,955
587	49.3%	42,790
588	47.2%	40,993
589	46.7%	40,542
590	46.1%	39,997
591	46.9%	40,712
592	49.3%	42,805
593	53.2%	46,182
594	54.1%	46,916
595	53.4%	46,353
596	52.7%	45,699
597	50.5%	43,836
598	47.8%	41,475
599	45.1%	39,153
600	43.4%	37,659
601	42.6%	36,993
602	42.4%	36,772
603	42.6%	36,932
604	43.5%	37,739
605	46.1%	40,007
606	50.2%	43,561
607	52.8%	45,800
608	51.9%	45,031
609	49.3%	42,810
610	47.2%	40,920
611	45.7%	39,659
612	45.0%	39,015
613	45.4%	39,361
614	46.8%	40,593
615	49.3%	42,758
616	53.2%	46,115
617	57.2%	49,628
618	58.2%	50,494
619	57.4%	49,831
620	56.3%	48,855
621	54.3%	47,115
622	51.4%	44,633
623	48.8%	42,307
624	46.7%	40,545
625	46.0%	39,871
626	45.8%	39,719

627	45.9%	39,810
628	46.7%	40,559
629	48.9%	42,456
630	52.9%	45,866
631	55.2%	47,885
632	53.8%	46,648
633	50.8%	44,039
634	48.0%	41,651
635	46.2%	40,086
636	45.5%	39,487
637	45.1%	39,088
638	45.9%	39,792
639	48.1%	41,754
640	51.8%	44,949
641	56.0%	48,626
642	56.9%	49,390
643	56.4%	48,958
644	55.1%	47,844
645	52.9%	45,902
646	49.7%	43,125
647	46.8%	40,631
648	44.6%	38,697
649	43.4%	37,650
650	42.6%	36,984
651	42.5%	36,847
652	43.2%	37,463
653	45.0%	39,001
654	48.7%	42,233
655	51.3%	44,536
656	52.4%	45,433
657	52.6%	45,612
658	52.1%	45,244
659	51.3%	44,519
660	49.8%	43,217
661	49.0%	42,532
662	49.7%	43,098
663	50.8%	44,059
664	52.2%	45,296
665	54.6%	47,339
666	54.7%	47,473
667	53.6%	46,497
668	52.2%	45,307
669	50.5%	43,797
670	48.1%	41,711
671	45.8%	39,746
672	44.0%	38,207
673	43.0%	37,345
674	42.6%	36,991
675	42.6%	36,919
676	43.0%	37,335
677	43.9%	38,113
678	45.0%	39,043
679	46.3%	40,142
680	48.0%	41,605
681	50.1%	43,444
682	51.8%	44,952
683	52.7%	45,697
684	53.2%	46,160
685	53.1%	46,051
686	52.9%	45,900
687	53.0%	45,943
688	54.0%	46,845
689	56.9%	49,359
690	58.0%	50,322
691	57.2%	49,613
692	56.2%	48,761
693	54.6%	47,402
694	52.8%	45,808
695	50.8%	44,055
696	49.1%	42,584
697	47.9%	41,515
698	46.8%	40,642
699	46.6%	40,393
700	46.6%	40,461
701	47.3%	41,025
702	48.3%	41,940
703	49.0%	42,549
704	49.8%	43,234
705	50.0%	43,342
706	49.7%	43,118
707	49.0%	42,510
708	48.2%	41,796
709	47.5%	41,244
710	47.7%	41,359
711	48.7%	42,215
712	51.1%	44,337
713	54.9%	47,662
714	56.4%	48,931
715	55.9%	48,511
716	54.7%	47,444
717	52.7%	45,721
718	50.0%	43,379
719	47.4%	41,110
720	45.4%	39,369
721	44.5%	38,594
722	44.2%	38,341
723	44.4%	38,545
724	45.5%	39,444
725	47.9%	41,530
726	51.8%	44,937
727	54.3%	47,151
728	54.8%	47,554
729	54.3%	47,097
730	53.0%	46,020
731	51.4%	44,611

732	50.1%	43,478
733	49.3%	42,772
734	49.2%	42,660
735	50.2%	43,516
736	52.4%	45,502
737	56.4%	48,898
738	57.7%	50,071
739	56.9%	49,400
740	55.8%	48,385
741	53.6%	46,508
742	50.7%	43,951
743	47.9%	41,599
744	45.9%	39,837
745	45.1%	39,144
746	44.8%	38,894
747	44.8%	38,895
748	45.8%	39,730
749	47.8%	41,474
750	51.8%	44,948
751	54.1%	46,909
752	53.4%	46,369
753	51.5%	44,720
754	49.9%	43,254
755	48.4%	41,978
756	47.1%	40,824
757	46.5%	40,340
758	46.7%	40,530
759	47.9%	41,584
760	50.5%	43,801
761	54.3%	47,131
762	55.5%	48,165
763	55.0%	47,748
764	53.8%	46,652
765	51.6%	44,778
766	48.7%	42,275
767	46.1%	39,959
768	43.8%	38,037
769	43.0%	37,314
770	42.6%	36,964
771	42.7%	37,006
772	43.4%	37,628
773	45.4%	39,364
774	49.1%	42,581
775	51.2%	44,431
776	51.2%	44,389
777	50.5%	43,811
778	48.6%	42,151
779	46.7%	40,484
780	45.0%	39,013
781	45.1%	39,166
782	45.9%	39,853
783	46.6%	40,409
784	48.9%	42,400
785	51.9%	45,033
786	52.3%	45,376
787	51.4%	44,587
788	50.0%	43,394
789	47.9%	41,554
790	45.0%	39,009
791	42.0%	36,476
792	39.8%	34,549
793	38.7%	33,539
794	38.1%	33,037
795	38.0%	32,953
796	38.5%	33,393
797	40.5%	35,170
798	44.3%	38,438
799	47.0%	40,770
800	47.6%	41,291
801	47.5%	41,210
802	47.5%	41,242
803	47.3%	41,002
804	47.3%	41,026
805	47.4%	41,153
806	47.3%	41,034
807	47.6%	41,340
808	48.9%	42,407
809	51.1%	44,360
810	51.1%	44,376
811	50.1%	43,436
812	48.5%	42,062
813	46.4%	40,248
814	43.4%	37,656
815	40.4%	35,027
816	38.2%	33,180
817	37.0%	32,082
818	36.2%	31,429
819	35.9%	31,143
820	36.4%	31,569
821	38.0%	32,968
822	41.4%	35,911
823	44.3%	38,435
824	46.1%	39,966
825	47.6%	41,264
826	48.5%	42,103
827	48.7%	42,237
828	49.0%	42,517
829	49.4%	42,830
830	49.7%	43,088
831	50.1%	43,487
832	51.0%	44,260
833	52.8%	45,839
834	52.9%	45,854
835	51.7%	44,871
836	50.7%	43,963

837	49.1%	42,571
838	46.9%	40,688
839	44.7%	38,792
840	42.8%	37,120
841	41.8%	36,237
842	41.3%	35,863
843	41.3%	35,862
844	41.6%	36,101
845	42.8%	37,137
846	44.6%	38,653
847	45.9%	39,788
848	45.7%	39,657
849	44.7%	38,764
850	43.1%	37,409
851	42.0%	36,408
852	41.5%	35,964
853	41.8%	36,270
854	42.3%	36,737
855	44.4%	38,510
856	48.3%	41,862
857	52.2%	45,252
858	54.0%	46,860
859	53.7%	46,597
860	53.0%	45,942
861	51.9%	45,018
862	50.1%	43,444
863	48.0%	41,656
864	46.4%	40,258
865	45.3%	39,289
866	44.6%	38,713
867	44.4%	38,504
868	44.6%	38,670
869	45.3%	39,276
870	46.5%	40,300
871	46.6%	40,448
872	45.5%	39,453
873	43.6%	37,797
874	42.0%	36,440
875	40.6%	35,244
876	39.7%	34,449
877	39.4%	34,225
878	40.3%	34,951
879	42.6%	36,978
880	46.3%	40,128
881	50.7%	43,948
882	52.8%	45,815
883	52.6%	45,656
884	51.6%	44,793
885	49.8%	43,192
886	47.2%	40,962
887	44.6%	38,713
888	42.5%	36,886
889	41.4%	35,909
890	41.0%	35,545
891	40.7%	35,295
892	41.4%	35,930
893	43.5%	37,745
894	47.2%	40,927
895	50.2%	43,533
896	51.4%	44,555
897	51.9%	45,021
898	51.9%	44,999
899	51.4%	44,621
900	51.0%	44,251
901	50.8%	44,106
902	51.0%	44,268
903	51.2%	44,408
904	52.6%	45,677
905	54.4%	47,236
906	54.5%	47,291
907	53.2%	46,186
908	51.6%	44,772
909	49.2%	42,646
910	46.2%	40,087
911	43.2%	37,478
912	41.1%	35,666
913	40.0%	34,696
914	39.4%	34,213
915	39.2%	34,037
916	40.0%	34,689
917	42.2%	36,571
918	46.1%	40,030
919	48.3%	41,865
920	46.6%	40,451
921	44.4%	38,494
922	41.8%	36,279
923	40.6%	35,219
924	40.6%	35,246
925	41.6%	36,069
926	43.3%	37,543
927	45.8%	39,710
928	48.5%	42,058
929	51.8%	44,957
930	53.2%	46,193
931	52.6%	45,662
932	51.6%	44,739
933	49.6%	43,031
934	46.8%	40,633
935	44.2%	38,344
936	42.3%	36,703
937	41.4%	35,940
938	41.0%	35,589
939	41.2%	35,767
940	42.0%	36,447
941	44.4%	38,487

942	48.4%	41,954
943	50.1%	43,493
944	48.1%	41,774
945	45.2%	39,231
946	42.5%	36,903
947	40.5%	35,177
948	39.4%	34,211
949	39.2%	33,999
950	40.0%	34,740
951	41.9%	36,379
952	45.4%	39,365
953	49.1%	42,602
954	50.9%	44,130
955	50.4%	43,728
956	49.4%	42,832
957	47.5%	41,186
958	44.9%	38,971
959	42.3%	36,702
960	40.4%	35,034
961	39.4%	34,166
962	38.9%	33,741
963	38.7%	33,588
964	39.4%	34,205
965	41.6%	36,113
966	45.4%	39,401
967	47.1%	40,900
968	45.3%	39,263
969	42.3%	36,731
970	39.8%	34,502
971	38.8%	33,646
972	39.5%	34,262
973	40.3%	34,925
974	40.8%	35,441
975	41.8%	36,254
976	44.3%	38,443
977	47.7%	41,369
978	49.4%	42,819
979	48.9%	42,450
980	47.9%	41,590
981	46.1%	39,960
982	43.5%	37,781
983	41.1%	35,656
984	39.3%	34,087
985	38.3%	33,234
986	38.0%	32,930
987	38.1%	33,031
988	38.8%	33,690
989	41.2%	35,740
990	45.1%	39,133
991	46.6%	40,454
992	44.7%	38,824
993	41.9%	36,312
994	39.4%	34,202
995	37.7%	32,688
996	36.9%	32,000
997	36.8%	31,947
998	37.7%	32,668
999	39.4%	34,197
1000	42.5%	36,910
1001	45.7%	39,618
1002	47.1%	40,880
1003	46.4%	40,244
1004	45.5%	39,448
1005	43.8%	38,038
1006	41.7%	36,176
1007	39.5%	34,251
1008	37.3%	32,331
1009	36.0%	31,228
1010	35.3%	30,593
1011	34.8%	30,206
1012	35.0%	30,342
1013	35.8%	31,026
1014	37.1%	32,169
1015	37.6%	32,592
1016	38.0%	32,948
1017	35.7%	31,015
1018	34.1%	29,584
1019	33.1%	28,714
1020	33.6%	29,145
1021	32.9%	28,567
1022	33.5%	29,063
1023	35.5%	30,766
1024	38.3%	33,250
1025	41.8%	36,235
1026	43.6%	37,825
1027	43.4%	37,676
1028	42.8%	37,144
1029	41.7%	36,202
1030	40.3%	34,948
1031	38.4%	33,299
1032	36.8%	31,910
1033	35.9%	31,152
1034	35.6%	30,864
1035	35.5%	30,764
1036	35.9%	31,155
1037	36.8%	31,903
1038	38.2%	33,165
1039	39.4%	34,213
1040	41.3%	35,860
1041	43.4%	37,653
1042	44.8%	38,832
1043	45.7%	39,611
1044	46.2%	40,108
1045	46.4%	40,272
1046	46.5%	40,356

1047	46.9%	40,718
1048	48.0%	41,671
1049	50.3%	43,600
1050	50.6%	43,884
1051	49.4%	42,876
1052	48.5%	42,040
1053	47.4%	41,129
1054	45.9%	39,814
1055	43.9%	38,084
1056	42.2%	36,626
1057	41.5%	36,029
1058	41.5%	35,986
1059	41.8%	36,265
1060	43.0%	37,296
1061	45.4%	39,395
1062	49.4%	42,895
1063	52.3%	45,350
1064	53.1%	46,036
1065	53.1%	46,093
1066	52.5%	45,589
1067	51.5%	44,711
1068	50.5%	43,839
1069	50.0%	43,345
1070	49.8%	43,217
1071	50.5%	43,781
1072	52.5%	45,525
1073	55.5%	48,166
1074	57.5%	49,855
1075	56.9%	49,364
1076	55.6%	48,268
1077	53.6%	46,528
1078	50.8%	44,096
1079	48.3%	41,887
1080	46.4%	40,260
1081	45.4%	39,430
1082	45.2%	39,214
1083	45.4%	39,354
1084	46.2%	40,106
1085	48.5%	42,095
1086	52.3%	45,352
1087	54.3%	47,135
1088	53.6%	46,542
1089	52.5%	45,527
1090	50.9%	44,141
1091	49.4%	42,844
1092	47.7%	41,366
1093	46.7%	40,543
1094	46.4%	40,269
1095	47.5%	41,223
1096	50.2%	43,579
1097	54.1%	46,918
1098	56.4%	48,972
1099	56.0%	48,571
1100	54.9%	47,603
1101	52.7%	45,719
1102	49.8%	43,202
1103	47.2%	40,946
1104	45.2%	39,258
1105	44.3%	38,420
1106	43.8%	37,978
1107	43.7%	37,911
1108	44.4%	38,514
1109	46.6%	40,426
1110	50.1%	43,426
1111	51.8%	44,940
1112	50.3%	43,682
1113	47.5%	41,244
1114	44.6%	38,669
1115	42.4%	36,787
1116	41.7%	36,188
1117	43.4%	37,656
1118	44.5%	38,626
1119	45.4%	39,382
1120	47.3%	41,049
1121	50.0%	43,405
1122	51.7%	44,872
1123	51.0%	44,220
1124	49.7%	43,127
1125	47.4%	41,091
1126	44.3%	38,441
1127	41.4%	35,942
1128	39.2%	34,030
1129	37.9%	32,910
1130	37.1%	32,214
1131	36.9%	32,016
1132	37.3%	32,368
1133	39.1%	33,934
1134	42.6%	36,920
1135	43.9%	38,126
1136	42.6%	36,943
1137	41.9%	36,327
1138	41.4%	35,962
1139	39.3%	34,094
1140	39.3%	34,127
1141	38.9%	33,711
1142	39.2%	33,994
1143	41.5%	35,979
1144	43.9%	38,113
1145	46.0%	39,927
1146	46.9%	40,698
1147	46.0%	39,932
1148	44.7%	38,758
1149	42.7%	37,008
1150	40.1%	34,776
1151	37.5%	32,523

1152	35.6%	30,876
1153	34.5%	29,902
1154	33.9%	29,370
1155	33.6%	29,189
1156	33.8%	29,286
1157	35.6%	30,869
1158	38.6%	33,507
1159	40.9%	35,467
1160	41.6%	36,113
1161	40.0%	34,716
1162	38.2%	33,149
1163	38.1%	33,056
1164	37.2%	32,304
1165	37.6%	32,609
1166	38.5%	33,363
1167	39.8%	34,549
1168	43.3%	37,600
1169	47.2%	40,927
1170	49.6%	43,045
1171	49.3%	42,813
1172	48.6%	42,146
1173	47.2%	40,994
1174	45.4%	39,351
1175	43.3%	37,569
1176	41.6%	36,070
1177	40.6%	35,186
1178	40.1%	34,818
1179	40.1%	34,757
1180	40.5%	35,151
1181	41.6%	36,067
1182	43.0%	37,290
1183	43.0%	37,307
1184	41.5%	35,980
1185	39.6%	34,335
1186	39.7%	34,452
1187	42.8%	37,156
1188	43.2%	37,502
1189	40.0%	34,662
1190	40.4%	35,028
1191	43.1%	37,381
1192	44.2%	38,314
1193	47.8%	41,515
1194	50.9%	44,135
1195	51.1%	44,354
1196	50.6%	43,923
1197	49.6%	43,064
1198	48.0%	41,669
1199	46.0%	39,868
1200	44.4%	38,499
1201	43.4%	37,641
1202	42.6%	36,969
1203	42.3%	36,714
1204	42.4%	36,824
1205	43.1%	37,390
1206	44.0%	38,141
1207	43.6%	37,863
1208	41.8%	36,280
1209	40.0%	34,681
1210	38.4%	33,350
1211	37.8%	32,809
1212	36.1%	31,319
1213	35.6%	30,907
1214	36.3%	31,526
1215	38.4%	33,327
1216	42.2%	36,599
1217	46.3%	40,159
1218	49.3%	42,777
1219	49.1%	42,633
1220	48.5%	42,051
1221	47.1%	40,882
1222	45.1%	39,154
1223	42.9%	37,250
1224	41.2%	35,782
1225	40.2%	34,907
1226	39.8%	34,549
1227	39.8%	34,508
1228	40.6%	35,205
1229	42.1%	36,488
1230	44.2%	38,359
1231	44.7%	38,770
1232	42.8%	37,168
1233	40.4%	35,068
1234	38.4%	33,348
1235	36.9%	32,010
1236	35.9%	31,129
1237	35.7%	30,996
1238	36.3%	31,489
1239	38.1%	33,092
1240	41.1%	35,632
1241	44.8%	38,830
1242	47.4%	41,147
1243	47.0%	40,802
1244	46.1%	40,026
1245	44.4%	38,520
1246	42.1%	36,550
1247	39.7%	34,424
1248	37.9%	32,889
1249	37.1%	32,220
1250	36.8%	31,940
1251	36.9%	32,011
1252	37.5%	32,558
1253	39.7%	34,442
1254	43.3%	37,542
1255	45.3%	39,341
1256	45.4%	39,402

1257	43.7%	37,935
1258	42.7%	37,013
1259	43.3%	37,527
1260	44.5%	38,605
1261	45.2%	39,211
1262	45.3%	39,280
1263	45.6%	39,576
1264	46.6%	40,449
1265	48.1%	41,759
1266	48.5%	42,106
1267	47.3%	41,037
1268	45.6%	39,597
1269	43.1%	37,427
1270	40.3%	34,939
1271	37.6%	32,608
1272	35.6%	30,866
1273	34.3%	29,789
1274	33.6%	29,191
1275	33.4%	28,971
1276	34.0%	29,521
1277	35.7%	30,976
1278	39.2%	33,973
1279	41.3%	35,835
1280	42.2%	36,586
1281	42.6%	36,929
1282	41.9%	36,345
1283	40.7%	35,289
1284	38.4%	33,280
1285	37.8%	32,834
1286	37.6%	32,659
1287	38.3%	33,233
1288	40.8%	35,408
1289	43.6%	37,846
1290	45.9%	39,820
1291	45.5%	39,516
1292	44.7%	38,768
1293	42.9%	37,256
1294	40.7%	35,344
1295	39.3%	34,121
1296	37.8%	32,824
1297	37.1%	32,161
1298	36.9%	31,993
1299	37.2%	32,314
1300	37.6%	32,638
1301	40.0%	34,695
1302	43.9%	38,056
1303	46.2%	40,120
1304	47.7%	41,383
1305	48.0%	41,681
1306	47.5%	41,233
1307	48.3%	41,881
1308	48.4%	41,952
1309	48.9%	42,428
1310	48.5%	42,091
1311	48.9%	42,398
1312	49.8%	43,203
1313	52.4%	45,445
1314	53.6%	46,532
1315	52.8%	45,833
1316	51.4%	44,584
1317	49.2%	42,671
1318	46.5%	40,307
1319	43.7%	37,928
1320	41.8%	36,244
1321	40.7%	35,272
1322	40.1%	34,784
1323	40.1%	34,824
1324	40.8%	35,419
1325	42.5%	36,870
1326	45.6%	39,571
1327	48.2%	41,840
1328	50.5%	43,856
1329	51.4%	44,616
1330	51.0%	44,222
1331	50.3%	43,638
1332	48.8%	42,337
1333	44.5%	38,574
1334	42.9%	37,229
1335	44.5%	38,599
1336	46.8%	40,569
1337	49.6%	43,013
1338	51.3%	44,545
1339	50.7%	44,029
1340	49.9%	43,333
1341	48.7%	42,249
1342	46.7%	40,477
1343	44.7%	38,761
1344	43.0%	37,343
1345	42.0%	36,418
1346	41.4%	35,916
1347	41.2%	35,740
1348	41.3%	35,816
1349	42.2%	36,602
1350	43.4%	37,656
1351	44.1%	38,220
1352	44.4%	38,511
1353	42.7%	37,065
1354	39.7%	34,409
1355	38.3%	33,271
1356	37.4%	32,480
1357	36.5%	31,669
1358	36.8%	31,916
1359	38.6%	33,475
1360	41.9%	36,311
1361	45.5%	39,510

1362	48.4%	41,966
1363	48.3%	41,877
1364	47.8%	41,460
1365	46.7%	40,556
1366	45.1%	39,172
1367	43.3%	37,552
1368	41.7%	36,191
1369	40.7%	35,322
1370	40.2%	34,889
1371	40.0%	34,667
1372	40.1%	34,820
1373	40.8%	35,390
1374	41.5%	35,964
1375	41.1%	35,630
1376	38.9%	33,732
1377	36.7%	31,879
1378	35.0%	30,366
1379	33.9%	29,417
1380	33.3%	28,918
1381	33.3%	28,902
1382	34.1%	29,606
1383	36.1%	31,358
1384	39.8%	34,504
1385	43.7%	37,877
1386	46.7%	40,489
1387	46.7%	40,507
1388	46.1%	39,982
1389	44.7%	38,774
1390	42.6%	36,996
1391	40.6%	35,259
1392	39.3%	34,117
1393	38.7%	33,535
1394	38.5%	33,425
1395	38.8%	33,652
1396	40.0%	34,740
1397	42.6%	36,925
1398	46.2%	40,109
1399	47.3%	41,031
1400	45.2%	39,237
1401	42.9%	37,179
1402	40.9%	35,462
1403	39.7%	34,422
1404	38.9%	33,740
1405	38.8%	33,695
1406	39.5%	34,271
1407	41.5%	36,001
1408	45.0%	39,042
1409	49.0%	42,528
1410	52.1%	45,220
1411	52.1%	45,170
1412	51.0%	44,273
1413	49.3%	42,810
1414	46.6%	40,447
1415	43.8%	38,041
1416	41.9%	36,330
1417	40.9%	35,509
1418	40.4%	35,011
1419	40.3%	34,986
1420	41.3%	35,837
1421	43.4%	37,642
1422	46.8%	40,613
1423	48.4%	41,979
1424	48.1%	41,754
1425	47.7%	41,405
1426	47.1%	40,838
1427	46.4%	40,249
1428	44.4%	38,484
1429	43.0%	37,334
1430	43.3%	37,553
1431	44.5%	38,578
1432	46.0%	39,929
1433	48.5%	42,078
1434	50.2%	43,538
1435	49.4%	42,839
1436	48.2%	41,802
1437	46.1%	39,953
1438	43.2%	37,507
1439	40.4%	35,024
1440	38.2%	33,155
1441	37.0%	32,074
1442	36.5%	31,699
1443	36.5%	31,700
1444	37.4%	32,428
1445	39.6%	34,399
1446	43.0%	37,312
1447	43.7%	37,874
1448	41.4%	35,948
1449	39.2%	33,985
1450	37.0%	32,100
1451	35.8%	31,084
1452	35.1%	30,487
1453	35.3%	30,603
1454	36.2%	31,409
1455	38.1%	33,072
1456	41.2%	35,782
1457	44.6%	38,716
1458	47.4%	41,120
1459	47.2%	40,978
1460	46.4%	40,246
1461	44.5%	38,618
1462	41.9%	36,385
1463	39.3%	34,090
1464	37.4%	32,467
1465	36.2%	31,446
1466	35.8%	31,064

1467	35.5%	30,819
1468	36.3%	31,520
1469	38.6%	33,523
1470	42.1%	36,509
1471	43.7%	37,913
1472	41.9%	36,324
1473	39.8%	34,568
1474	38.2%	33,132
1475	36.3%	31,532
1476	35.9%	31,149
1477	36.1%	31,310
1478	37.2%	32,246
1479	39.3%	34,098
1480	43.0%	37,275
1481	47.0%	40,819
1482	50.4%	43,722
1483	50.8%	44,056
1484	50.1%	43,425
1485	48.6%	42,189
1486	46.2%	40,069
1487	43.9%	38,091
1488	42.2%	36,606
1489	41.4%	35,922
1490	41.2%	35,703
1491	41.3%	35,848
1492	42.2%	36,576
1493	44.6%	38,725
1494	48.0%	41,622
1495	48.4%	42,029
1496	46.0%	39,928
1497	43.3%	37,577
1498	41.3%	35,813
1499	39.9%	34,658
1500	38.8%	33,637
1501	38.6%	33,452
1502	39.3%	34,081
1503	41.2%	35,753
1504	44.3%	38,407
1505	47.8%	41,499
1506	50.4%	43,723
1507	50.2%	43,545
1508	49.3%	42,773
1509	47.9%	41,583
1510	45.7%	39,692
1511	43.6%	37,791
1512	41.8%	36,236
1513	40.9%	35,448
1514	40.2%	34,861
1515	40.0%	34,724
1516	40.3%	34,977
1517	41.2%	35,743
1518	42.2%	36,617
1519	41.9%	36,376
1520	41.5%	36,019
1521	40.1%	34,826
1522	38.4%	33,351
1523	36.7%	31,851
1524	35.8%	31,052
1525	36.3%	31,518
1526	37.1%	32,191
1527	37.1%	32,177
1528	39.6%	34,374
1529	42.7%	37,084
1530	45.4%	39,363
1531	45.1%	39,170
1532	44.2%	38,364
1533	42.7%	37,068
1534	40.8%	35,388
1535	38.7%	33,610
1536	36.9%	32,017
1537	35.8%	31,060
1538	35.0%	30,364
1539	34.6%	30,017
1540	34.5%	29,971
1541	35.0%	30,326
1542	35.3%	30,645
1543	35.3%	30,638
1544	36.5%	31,677
1545	38.0%	32,961
1546	38.5%	33,405
1547	38.2%	33,140
1548	37.7%	32,690
1549	35.0%	30,362
1550	34.2%	29,713
1551	35.7%	30,957
1552	38.0%	32,969
1553	40.0%	34,695
1554	42.6%	36,966
1555	42.5%	36,834
1556	41.5%	36,005
1557	39.9%	34,577
1558	37.4%	32,409
1559	35.1%	30,463
1560	33.3%	28,930
1561	32.2%	27,964
1562	31.7%	27,485
1563	31.5%	27,353
1564	32.0%	27,777
1565	34.1%	29,585
1566	37.2%	32,279
1567	38.5%	33,400
1568	37.3%	32,360
1569	37.8%	32,817
1570	37.1%	32,221
1571	36.5%	31,639

1572	38.7%	33,586
1573	39.9%	34,593
1574	40.1%	34,794
1575	42.0%	36,460
1576	43.8%	37,965
1577	45.0%	39,025
1578	46.5%	40,344
1579	45.9%	39,864
1580	44.2%	38,367
1581	41.5%	36,041
1582	38.1%	33,041
1583	35.7%	30,932
1584	33.9%	29,405
1585	33.0%	28,621
1586	32.7%	28,350
1587	32.9%	28,543
1588	33.8%	29,290
1589	36.2%	31,433
1590	39.8%	34,546
1591	41.4%	35,929
1592	40.5%	35,180
1593	38.6%	33,508
1594	36.7%	31,870
1595	35.9%	31,173
1596	35.3%	30,594
1597	35.5%	30,787
1598	36.7%	31,872
1599	38.5%	33,394
1600	41.3%	35,839
1601	44.5%	38,625
1602	47.7%	41,347
1603	47.7%	41,390
1604	46.7%	40,536
1605	44.8%	38,839
1606	42.0%	36,412
1607	39.5%	34,236
1608	37.7%	32,677
1609	36.5%	31,642
1610	36.1%	31,280
1611	35.8%	31,102
1612	36.4%	31,591
1613	38.6%	33,491
1614	41.9%	36,357
1615	44.5%	38,615
1616	46.2%	40,090
1617	47.6%	41,264
1618	47.9%	41,537
1619	48.7%	42,239
1620	49.2%	42,688
1621	49.2%	42,706
1622	48.7%	42,232
1623	48.6%	42,203
1624	49.4%	42,824
1625	50.5%	43,810
1626	51.7%	44,873
1627	50.8%	44,116
1628	49.4%	42,863
1629	47.1%	40,901
1630	44.1%	38,226
1631	41.3%	35,820
1632	39.5%	34,268
1633	38.5%	33,388
1634	38.1%	33,047
1635	38.2%	33,158
1636	39.1%	33,887
1637	41.3%	35,834
1638	44.4%	38,517
1639	45.5%	39,434
1640	43.7%	37,907
1641	42.2%	36,610
1642	40.4%	35,035
1643	39.4%	34,163
1644	38.1%	33,092
1645	37.3%	32,353
1646	38.8%	33,693
1647	40.9%	35,467
1648	42.9%	37,228
1649	45.6%	39,593
1650	48.2%	41,788
1651	48.1%	41,729
1652	47.0%	40,752
1653	45.3%	39,344
1654	42.7%	37,014
1655	40.1%	34,779
1656	38.5%	33,419
1657	37.7%	32,674
1658	37.5%	32,535
1659	37.5%	32,559
1660	38.4%	33,329
1661	40.7%	35,292
1662	43.4%	37,673
1663	43.3%	37,602
1664	40.7%	35,320
1665	38.3%	33,239
1666	36.3%	31,518
1667	35.3%	30,610
1668	34.6%	30,049
1669	34.7%	30,108
1670	35.3%	30,639
1671	36.8%	31,939
1672	39.9%	34,590
1673	42.9%	37,191
1674	45.6%	39,531
1675	45.6%	39,555
1676	44.6%	38,720

1677	43.2%	37,492
1678	41.3%	35,813
1679	39.1%	33,898
1680	37.1%	32,169
1681	35.7%	30,991
1682	34.9%	30,521
1683	34.4%	29,862
1684	34.4%	29,855
1685	35.0%	30,386
1686	36.4%	31,609
1687	38.0%	32,926
1688	40.2%	34,854
1689	42.7%	37,065
1690	44.8%	38,895
1691	46.0%	39,869
1692	45.9%	39,805
1693	45.6%	39,594
1694	45.9%	39,784
1695	47.0%	40,793
1696	48.3%	41,866
1697	49.5%	42,957
1698	51.4%	44,559
1699	51.3%	44,511
1700	50.4%	43,762
1701	49.3%	42,758
1702	47.8%	41,442
1703	45.8%	39,776
1704	44.4%	38,495
1705	43.4%	37,665
1706	42.9%	37,245
1707	42.7%	37,040
1708	43.1%	37,381
1709	43.8%	38,020
1710	44.0%	38,153
1711	43.2%	37,447
1712	41.8%	36,254
1713	40.2%	34,860
1714	38.5%	33,424
1715	37.1%	32,180
1716	35.9%	31,112
1717	35.3%	30,653
1718	36.1%	31,313
1719	41.0%	35,594
1720	45.7%	39,628
1721	47.8%	41,430
1722	49.6%	43,025
1723	49.3%	42,803
1724	47.8%	41,437
1725	45.2%	39,239
1726	42.6%	36,995
1727	40.5%	35,167
1728	39.3%	34,081
1729	38.7%	33,584
1730	38.7%	33,590
1731	39.4%	34,168
1732	41.3%	35,795
1733	44.9%	38,945
1734	47.3%	41,032
1735	46.1%	39,985
1736	42.9%	37,256
1737	40.0%	34,667
1738	37.8%	32,756
1739	36.1%	31,338
1740	35.3%	30,589
1741	35.1%	30,493
1742	36.0%	31,237
1743	37.6%	32,612
1744	40.2%	34,853
1745	43.3%	37,578
1746	45.9%	39,814
1747	45.9%	39,821
1748	44.2%	38,352
1749	41.7%	36,165
1750	39.1%	33,897
1751	37.3%	32,330
1752	36.0%	31,212
1753	35.6%	30,845
1754	35.5%	30,774
1755	36.4%	31,559
1756	38.4%	33,300
1757	42.3%	36,717
1758	44.5%	38,577
1759	43.4%	37,611
1760	40.4%	35,050
1761	37.8%	32,817
1762	36.2%	31,369
1763	34.9%	30,310
1764	34.8%	30,168
1765	34.7%	30,131
1766	35.5%	30,818
1767	37.7%	32,722
1768	39.8%	34,522
1769	41.9%	36,342
1770	44.1%	38,294
1771	43.7%	37,930
1772	42.0%	36,444
1773	39.3%	34,130
1774	36.5%	31,690
1775	34.5%	29,973
1776	33.4%	28,975
1777	32.9%	28,520
1778	32.8%	28,439
1779	33.4%	29,005
1780	35.6%	30,911
1781	39.2%	34,051

1782	41.7%	36,138
1783	40.8%	35,367
1784	38.3%	33,227
1785	36.3%	31,494
1786	34.6%	30,020
1787	33.6%	29,162
1788	33.5%	29,057
1789	33.7%	29,263
1790	34.7%	30,135
1791	36.7%	31,823
1792	39.3%	34,124
1793	41.3%	35,847
1794	43.4%	37,680
1795	43.2%	37,474
1796	41.5%	36,043
1797	38.8%	33,658
1798	36.6%	31,718
1799	34.7%	30,074
1800	33.6%	29,115
1801	33.1%	28,684
1802	32.8%	28,493
1803	33.4%	28,993
1804	35.2%	30,576
1805	38.9%	33,718
1806	42.0%	36,449
1807	43.5%	37,738
1808	44.1%	38,286
1809	44.0%	38,177
1810	43.7%	37,922
1811	43.4%	37,652
1812	43.5%	37,716
1813	43.4%	37,672
1814	43.0%	37,280
1815	43.3%	37,579
1816	44.2%	38,309
1817	44.6%	38,680
1818	45.3%	39,318
1819	44.4%	38,517
1820	42.4%	36,775
1821	39.8%	34,553
1822	37.1%	32,154
1823	35.0%	30,396
1824	33.9%	29,436
1825	33.1%	28,755
1826	32.9%	28,557
1827	33.4%	28,976
1828	35.1%	30,448
1829	38.6%	33,501
1830	40.9%	35,443
1831	41.4%	35,945
1832	40.8%	35,372
1833	37.9%	32,912
1834	35.1%	30,433
1835	33.8%	29,338
1836	33.9%	29,387
1837	34.6%	29,989
1838	35.6%	30,898
1839	37.9%	32,916
1840	40.2%	34,878
1841	41.4%	35,898
1842	43.0%	37,307
1843	42.3%	36,696
1844	40.5%	35,181
1845	38.3%	33,256
1846	36.1%	31,341
1847	34.1%	29,595
1848	32.8%	28,494
1849	32.2%	27,903
1850	31.6%	27,401
1851	31.5%	27,342
1852	32.1%	27,875
1853	33.4%	28,987
1854	34.2%	29,631
1855	34.8%	30,234
1856	34.3%	29,749
1857	33.9%	29,376
1858	32.4%	28,115
1859	31.9%	27,635
1860	31.5%	27,346
1861	31.7%	27,484
1862	33.5%	29,069
1863	34.9%	30,305
1864	36.9%	31,981
1865	38.8%	33,657
1866	40.7%	35,291
1867	40.7%	35,283
1868	39.3%	34,140
1869	37.4%	32,449
1870	35.4%	30,673
1871	33.4%	28,991
1872	32.0%	27,776
1873	31.1%	26,989
1874	30.4%	26,400
1875	30.3%	26,264
1876	30.7%	26,614
1877	31.5%	27,314
1878	31.9%	27,667
1879	32.0%	27,778
1880	31.3%	27,125
1881	31.5%	27,320
1882	32.2%	27,913
1883	33.8%	29,366
1884	33.9%	29,377
1885	33.9%	29,454
1886	34.5%	29,922

1887	35.3%	30,639
1888	37.2%	32,285
1889	38.9%	33,758
1890	41.1%	35,677
1891	41.2%	35,783
1892	40.0%	34,697
1893	38.0%	32,946
1894	35.6%	30,904
1895	34.0%	29,495
1896	32.9%	28,565
1897	32.5%	28,202
1898	32.5%	28,237
1899	33.3%	28,906
1900	35.7%	30,946
1901	39.5%	34,313
1902	41.7%	36,154
1903	40.4%	35,012
1904	37.7%	32,715
1905	35.4%	30,687
1906	33.7%	29,264
1907	32.9%	28,521
1908	32.5%	28,196
1909	32.7%	28,368
1910	33.6%	29,146
1911	35.5%	30,841
1912	38.4%	33,353
1913	40.9%	35,518
1914	43.4%	37,677
1915	43.4%	37,663
1916	41.5%	36,007
1917	38.8%	33,670
1918	36.4%	31,556
1919	34.3%	29,765
1920	33.4%	28,964
1921	32.9%	28,544
1922	32.7%	28,357
1923	33.5%	29,063
1924	35.5%	30,817
1925	39.2%	34,015
1926	41.3%	35,835
1927	40.2%	34,888
1928	37.7%	32,700
1929	35.4%	30,696
1930	33.8%	29,316
1931	33.1%	28,740
1932	33.0%	28,665
1933	33.6%	29,115
1934	34.8%	30,215
1935	36.5%	31,663
1936	38.7%	33,583
1937	41.1%	35,644
1938	43.5%	37,749
1939	43.6%	37,815
1940	41.7%	36,172
1941	39.2%	34,026
1942	36.7%	31,874
1943	35.0%	30,354
1944	34.2%	29,632
1945	33.7%	29,240
1946	33.8%	29,314
1947	34.5%	29,963
1948	36.7%	31,866
1949	40.6%	35,212
1950	42.6%	36,937
1951	41.7%	36,168
1952	41.5%	36,013
1953	41.5%	35,988
1954	38.6%	33,477
1955	36.4%	31,602
1956	39.2%	34,023
1957	41.2%	35,735
1958	42.2%	36,625
1959	43.6%	37,871
1960	44.9%	38,984
1961	45.8%	39,744
1962	47.1%	40,893
1963	46.5%	40,312
1964	44.6%	38,655
1965	41.8%	36,242
1966	39.2%	33,976
1967	37.4%	32,409
1968	35.9%	31,188
1969	35.3%	30,635
1970	35.1%	30,425
1971	35.5%	30,808
1972	37.3%	32,390
1973	41.0%	35,549
1974	43.8%	38,039
1975	45.2%	39,212
1976	45.9%	39,816
1977	46.2%	40,051
1978	46.1%	39,953
1979	45.5%	39,461
1980	45.1%	39,117
1981	44.6%	38,731
1982	44.6%	38,718
1983	45.2%	39,186
1984	45.6%	39,557
1985	46.1%	40,026
1986	47.0%	40,818
1987	46.2%	40,061
1988	44.0%	38,200
1989	41.3%	35,837
1990	38.8%	33,621
1991	36.6%	31,782

1992	35.3%	30,640
1993	34.7%	30,087
1994	34.4%	29,854
1995	35.1%	30,414
1996	36.8%	31,964
1997	40.6%	35,247
1998	42.6%	36,989
1999	42.7%	37,043
2000	40.4%	35,032
2001	37.4%	32,410
2002	35.6%	30,847
2003	35.6%	30,865
2004	37.0%	32,132
2005	38.7%	33,563
2006	39.5%	34,311
2007	39.3%	34,115
2008	39.3%	34,092
2009	41.1%	35,654
2010	43.0%	37,347
2011	43.1%	37,437
2012	41.8%	36,302
2013	39.6%	34,379
2014	37.5%	32,508
2015	35.4%	30,726
2016	34.1%	29,601
2017	33.4%	28,937
2018	32.9%	28,545
2019	32.9%	28,552
2020	33.6%	29,178
2021	35.1%	30,424
2022	35.9%	31,120
2023	35.8%	31,032
2024	35.5%	30,760
2025	36.1%	31,339
2026	35.3%	30,624
2027	33.7%	29,196
2028	34.1%	29,606
2029	33.8%	29,327
2030	33.4%	29,002
2031	34.4%	29,822
2032	35.4%	30,723
2033	38.2%	33,131
2034	40.9%	35,455
2035	41.7%	36,183
2036	41.0%	35,555
2037	39.5%	34,269
2038	37.7%	32,708
2039	36.0%	31,246
2040	35.0%	30,370
2041	34.4%	29,816
2042	34.1%	29,602
2043	34.3%	29,751
2044	34.8%	30,211
2045	35.9%	31,164
2046	35.9%	31,129
2047	35.2%	30,508
2048	35.1%	30,495
2049	35.4%	30,742
2050	35.3%	30,669
2051	36.7%	31,823
2052	36.2%	31,429
2053	36.2%	31,415
2054	36.9%	31,985
2055	38.9%	33,737
2056	41.1%	35,629
2057	43.1%	37,426
2058	45.6%	39,571
2059	46.1%	39,970
2060	45.0%	39,017
2061	42.9%	37,246
2062	40.9%	35,491
2063	39.6%	34,321
2064	38.8%	33,643
2065	38.7%	33,553
2066	39.1%	33,908
2067	40.2%	34,865
2068	42.5%	36,848
2069	46.4%	40,284
2070	48.3%	41,904
2071	46.7%	40,486
2072	44.6%	38,697
2073	43.7%	37,915
2074	43.4%	37,659
2075	43.3%	37,606
2076	44.1%	38,295
2077	43.5%	37,771
2078	44.4%	38,547
2079	45.6%	39,598
2080	47.8%	41,444
2081	50.1%	43,434
2082	52.7%	45,748
2083	53.3%	46,211
2084	51.3%	44,546
2085	48.5%	42,074
2086	45.7%	39,629
2087	43.9%	38,059
2088	43.0%	37,265
2089	42.4%	36,761
2090	42.2%	36,630
2091	42.9%	37,255
2092	45.0%	39,037
2093	48.5%	42,070
2094	50.0%	43,339
2095	47.9%	41,563
2096	44.9%	38,993

2097	42.1%	36,521
2098	40.4%	35,089
2099	40.1%	34,787
2100	41.0%	35,540
2101	41.0%	35,591
2102	40.6%	35,188
2103	41.5%	35,985
2104	44.0%	38,177
2105	47.1%	40,872
2106	50.0%	43,376
2107	50.6%	43,860
2108	48.8%	42,311
2109	46.0%	39,981
2110	43.3%	37,602
2111	41.5%	36,025
2112	40.5%	35,110
2113	40.0%	34,719
2114	40.2%	34,836
2115	40.9%	35,499
2116	43.2%	37,448
2117	46.9%	40,664
2118	48.4%	41,958
2119	46.8%	40,610
2120	44.4%	38,482
2121	41.7%	36,149
2122	42.1%	36,543
2123	43.0%	37,264
2124	44.4%	38,523
2125	44.3%	38,449
2126	41.6%	36,095
2127	42.9%	37,235
2128	43.4%	37,631
2129	44.9%	38,961
2130	47.4%	41,144
2131	47.7%	41,372
2132	45.9%	39,810
2133	42.9%	37,203
2134	40.0%	34,675
2135	37.7%	32,728
2136	36.2%	31,423
2137	35.4%	30,728
2138	35.2%	30,516
2139	35.5%	30,760
2140	37.6%	32,612
2141	40.9%	35,454
2142	42.4%	36,747
2143	41.8%	36,306
2144	41.8%	36,261
2145	41.8%	36,233
2146	41.0%	35,590
2147	41.5%	36,010
2148	41.6%	36,090
2149	40.4%	35,059
2150	41.3%	35,874
2151	42.2%	36,652
2152	43.1%	37,382
2153	43.3%	37,525
2154	44.7%	38,749
2155	44.2%	38,319
2156	42.2%	36,639
2157	39.4%	34,218
2158	36.8%	31,915
2159	34.6%	30,015
2160	33.5%	29,026
2161	32.7%	28,352
2162	32.4%	28,128
2163	32.5%	28,206
2164	34.2%	29,679
2165	37.6%	32,623
2166	39.6%	34,371
2167	40.2%	34,908
2168	39.9%	34,641
2169	38.5%	33,406
2170	36.2%	31,382
2171	35.4%	30,712
2172	36.2%	31,441
2173	37.7%	32,688
2174	38.2%	33,162
2175	38.6%	33,502
2176	40.0%	34,740
2177	41.8%	36,262
2178	43.7%	37,895
2179	44.3%	38,475
2180	42.9%	37,263
2181	40.9%	35,474
2182	38.9%	33,766
2183	36.8%	31,943
2184	35.9%	31,109
2185	35.2%	30,580
2186	34.9%	30,309
2187	35.0%	30,369
2188	35.9%	31,123
2189	37.1%	32,229
2190	37.6%	32,625
2191	36.6%	31,778
2192	34.4%	29,819
2193	32.1%	27,884
2194	30.5%	26,460
2195	29.4%	25,477
2196	28.5%	24,767
2197	28.3%	24,545
2198	28.9%	25,048
2199	30.8%	26,700
2200	33.7%	29,280
2201	37.0%	32,144

2202	39.7%	34,480
2203	40.9%	35,467
2204	40.1%	34,799
2205	38.7%	33,537
2206	37.0%	32,075
2207	35.3%	30,585
2208	34.2%	29,661
2209	33.5%	29,067
2210	33.2%	28,840
2211	33.3%	28,890
2212	33.8%	29,317
2213	34.7%	30,081
2214	35.2%	30,542
2215	36.5%	31,640
2216	37.7%	32,673
2217	38.7%	33,541
2218	37.8%	32,838
2219	36.7%	31,874
2220	36.5%	31,647
2221	36.7%	31,874
2222	36.2%	31,398
2223	37.8%	32,772
2224	38.9%	33,726
2225	40.6%	35,254
2226	42.7%	37,048
2227	43.1%	37,369
2228	41.8%	36,263
2229	39.8%	34,520
2230	37.6%	32,616
2231	36.0%	31,204
2232	35.1%	30,428
2233	34.7%	30,111
2234	34.8%	30,209
2235	35.7%	30,946
2236	37.8%	32,826
2237	41.4%	35,891
2238	42.6%	36,960
2239	40.8%	35,394
2240	38.2%	33,100
2241	36.7%	31,818
2242	35.4%	30,674
2243	33.8%	29,318
2244	34.1%	29,566
2245	35.4%	30,686
2246	36.6%	31,775
2247	38.5%	33,409
2248	40.5%	35,097
2249	41.8%	36,247
2250	44.2%	38,322
2251	44.5%	38,590
2252	42.6%	36,964
2253	40.1%	34,798
2254	37.6%	32,659
2255	35.9%	31,141
2256	34.9%	30,297
2257	34.7%	30,063
2258	34.4%	29,884
2259	35.1%	30,452
2260	37.1%	32,217
2261	40.6%	35,199
2262	42.3%	36,698
2263	42.1%	36,543
2264	41.3%	35,832
2265	40.5%	35,110
2266	40.5%	35,114
2267	40.0%	34,744
2268	40.1%	34,827
2269	39.6%	34,391
2270	39.6%	34,397
2271	41.2%	35,756
2272	42.7%	37,016
2273	44.0%	38,143
2274	45.3%	39,313
2275	44.6%	38,725
2276	42.7%	37,062
2277	39.9%	34,599
2278	37.5%	32,572
2279	35.5%	30,826
2280	34.4%	29,853
2281	33.9%	29,422
2282	33.9%	29,386
2283	34.3%	29,794
2284	36.5%	31,635
2285	40.0%	34,731
2286	42.7%	37,069
2287	44.1%	38,291
2288	44.5%	38,573
2289	44.1%	38,273
2290	43.5%	37,764
2291	43.3%	37,551
2292	43.3%	37,564
2293	42.8%	37,124
2294	42.0%	36,431
2295	43.2%	37,464
2296	44.4%	38,489
2297	44.8%	38,835
2298	45.4%	39,424
2299	45.0%	39,007
2300	43.0%	37,327
2301	40.3%	34,942
2302	37.7%	32,682
2303	35.5%	30,835
2304	34.3%	29,788
2305	33.8%	29,302
2306	33.7%	29,202

2307	34.4%	29,843
2308	36.4%	31,581
2309	39.8%	34,956
2310	42.5%	36,915
2311	44.0%	38,163
2312	45.2%	39,226
2313	46.0%	39,937
2314	46.5%	40,313
2315	46.3%	40,179
2316	46.4%	40,218
2317	46.1%	39,961
2318	46.0%	39,898
2319	46.1%	40,014
2320	46.6%	40,394
2321	46.7%	40,487
2322	46.9%	40,733
2323	45.8%	39,730
2324	43.6%	37,789
2325	40.9%	35,482
2326	37.9%	32,886
2327	36.0%	31,202
2328	34.6%	30,048
2329	34.0%	29,466
2330	33.8%	29,319
2331	34.3%	29,730
2332	36.6%	31,753
2333	39.6%	34,328
2334	40.8%	35,407
2335	39.1%	33,900
2336	36.7%	31,835
2337	34.7%	30,111
2338	34.0%	29,529
2339	33.3%	28,892
2340	32.5%	28,214
2341	32.2%	27,960
2342	32.9%	28,574
2343	35.4%	30,697
2344	37.5%	32,497
2345	39.6%	34,331
2346	41.3%	35,831
2347	42.1%	36,537
2348	40.8%	35,423
2349	38.8%	33,652
2350	36.6%	31,742
2351	34.9%	30,243
2352	33.4%	29,020
2353	32.8%	28,462
2354	32.5%	28,226
2355	32.6%	28,293
2356	33.5%	29,031
2357	34.6%	29,979
2358	35.4%	30,676
2359	36.1%	31,330
2360	35.7%	30,991
2361	34.9%	30,305
2362	34.2%	29,645
2363	33.1%	28,676
2364	32.2%	27,979
2365	31.9%	27,704
2366	31.6%	27,399
2367	32.7%	28,380
2368	35.5%	30,780
2369	37.4%	32,485
2370	39.6%	34,376
2371	40.4%	35,058
2372	39.6%	34,337
2373	38.0%	32,969
2374	36.1%	31,355
2375	34.5%	29,930
2376	33.3%	28,929
2377	32.7%	28,367
2378	32.4%	28,126
2379	32.6%	28,247
2380	33.2%	28,795
2381	34.0%	29,484
2382	33.8%	29,319
2383	32.4%	28,095
2384	31.0%	26,880
2385	32.3%	28,066
2386	33.6%	29,170
2387	34.6%	30,046
2388	35.4%	30,693
2389	35.6%	30,888
2390	35.7%	30,970
2391	37.2%	32,251
2392	38.8%	33,697
2393	40.0%	34,717
2394	42.3%	36,669
2395	42.9%	37,213
2396	41.6%	36,109
2397	39.4%	34,179
2398	37.2%	32,234
2399	35.4%	30,740
2400	34.5%	29,900
2401	34.1%	29,573
2402	34.2%	29,647
2403	35.2%	30,514
2404	37.4%	32,458
2405	40.6%	35,234
2406	41.5%	36,039
2407	39.5%	34,299
2408	36.9%	31,994
2409	34.7%	30,090
2410	33.5%	29,100
2411	32.8%	28,419

2412	32.6%	28,254
2413	32.8%	28,431
2414	33.6%	29,114
2415	35.5%	30,804
2416	38.1%	33,049
2417	40.5%	35,123
2418	42.6%	36,980
2419	43.3%	37,537
2420	41.6%	36,078
2421	38.9%	33,745
2422	36.4%	31,538
2423	34.5%	29,923
2424	33.4%	28,963
2425	32.8%	28,428
2426	32.6%	28,303
2427	33.3%	28,871
2428	35.2%	30,575
2429	38.4%	33,274
2430	40.8%	35,384
2431	41.7%	36,195
2432	41.7%	36,167
2433	38.1%	33,067
2434	33.7%	29,256
2435	33.0%	28,631
2436	33.3%	28,931
2437	33.8%	29,286
2438	34.8%	30,220
2439	36.9%	31,989
2440	39.5%	34,265
2441	41.3%	35,835
2442	42.8%	37,152
2443	43.4%	37,682
2444	41.5%	36,010
2445	38.8%	33,644
2446	36.0%	31,202
2447	33.9%	29,428
2448	32.6%	28,264
2449	32.0%	27,740
2450	31.8%	27,583
2451	32.4%	28,075
2452	34.1%	29,564
2453	37.0%	32,066
2454	38.4%	33,306
2455	37.7%	32,671
2456	35.8%	31,032
2457	34.2%	29,686
2458	33.7%	29,233
2459	34.0%	29,494
2460	35.4%	30,710
2461	37.2%	32,239
2462	39.2%	33,981
2463	41.3%	35,866
2464	43.1%	37,361
2465	44.0%	38,153
2466	45.4%	39,383
2467	45.6%	39,552
2468	43.6%	37,845
2469	40.7%	35,302
2470	37.9%	32,853
2471	35.4%	30,724
2472	33.8%	29,335
2473	32.8%	28,495
2474	32.4%	28,147
2475	32.9%	28,509
2476	34.2%	29,710
2477	37.0%	32,115
2478	38.5%	33,395
2479	38.8%	33,630
2480	38.6%	33,468
2481	38.5%	33,440
2482	38.9%	33,747
2483	40.1%	34,796
2484	42.1%	36,539
2485	45.4%	39,363
2486	47.6%	41,337
2487	49.6%	43,076
2488	50.5%	43,786
2489	48.5%	42,058
2490	46.9%	40,718
2491	46.0%	39,923
2492	43.5%	37,714
2493	40.3%	34,970
2494	37.0%	32,070
2495	34.4%	29,882
2496	32.9%	28,525
2497	31.8%	27,618
2498	31.2%	27,078
2499	31.5%	27,293
2500	32.6%	28,269
2501	33.7%	29,243
2502	34.2%	29,657
2503	33.8%	29,286
2504	32.9%	28,540
2505	31.1%	26,962
2506	30.4%	26,383
2507	30.2%	26,235
2508	30.4%	26,400
2509	31.0%	26,903
2510	32.4%	28,088
2511	34.4%	29,875
2512	37.0%	32,142
2513	38.9%	33,760
2514	39.9%	34,628
2515	40.6%	35,239
2516	39.2%	34,002

2517	37.1%	32,185
2518	35.1%	30,431
2519	32.9%	28,579
2520	31.7%	27,489
2521	30.9%	26,784
2522	30.3%	26,310
2523	30.3%	26,306
2524	30.9%	26,803
2525	31.6%	27,407
2526	32.5%	28,211
2527	33.1%	28,674
2528	31.9%	27,646
2529	29.9%	25,933
2530	29.7%	25,757
2531	28.5%	24,741
2532	30.0%	26,044
2533	30.4%	26,333
2534	32.2%	27,959
2535	33.5%	29,050
2536	36.6%	31,713
2537	37.7%	32,686
2538	38.9%	33,726
2539	39.2%	34,051
2540	38.0%	33,003
2541	36.1%	31,357
2542	34.1%	29,583
2543	32.4%	28,086
2544	31.2%	27,089
2545	30.5%	26,422
2546	30.1%	26,114
2547	30.1%	26,147
2548	30.8%	26,692
2549	30.9%	26,850
2550	30.7%	26,655
2551	29.6%	25,665
2552	28.3%	24,536
2553	27.8%	24,134
2554	29.3%	25,463
2555	29.2%	25,324
2556	28.9%	25,045
2557	27.7%	24,069
2558	27.6%	23,920
2559	29.0%	25,190
2560	31.3%	27,136
2561	34.1%	29,595
2562	36.9%	31,985
2563	39.0%	33,830
2564	38.5%	33,405
2565	37.0%	32,090
2566	35.2%	30,536
2567	33.7%	29,261
2568	33.0%	28,633
2569	32.8%	28,416
2570	32.9%	28,535
2571	33.8%	29,338
2572	35.8%	31,026
2573	38.1%	33,061
2574	38.9%	33,734
2575	37.7%	32,720
2576	37.5%	32,570
2577	37.0%	32,068
2578	37.1%	32,220
2579	38.5%	33,374
2580	39.9%	34,643
2581	41.2%	35,714
2582	42.0%	36,396
2583	43.0%	37,319
2584	44.0%	38,145
2585	44.6%	38,689
2586	45.5%	39,487
2587	45.0%	39,060
2588	43.3%	37,529
2589	41.0%	35,592
2590	38.6%	33,496
2591	36.5%	31,686
2592	35.3%	30,652
2593	34.6%	30,022
2594	34.4%	29,883
2595	35.2%	30,516
2596	37.2%	32,304
2597	39.8%	34,518
2598	41.1%	35,637
2599	40.1%	34,799
2600	39.3%	34,132
2601	39.2%	33,980
2602	38.6%	33,499
2603	39.2%	34,009
2604	39.8%	34,503
2605	40.0%	34,717
2606	40.4%	35,040
2607	40.0%	34,743
2608	40.7%	35,309
2609	42.2%	36,618
2610	44.2%	38,321
2611	45.2%	39,242
2612	43.8%	38,013
2613	41.3%	35,856
2614	38.9%	33,731
2615	36.9%	32,055
2616	35.8%	31,067
2617	35.3%	30,585
2618	35.2%	30,575
2619	35.9%	31,155
2620	37.8%	32,775
2621	39.9%	34,613

2622	40.6%	35,190
2623	38.7%	33,558
2624	36.4%	31,596
2625	34.3%	29,795
2626	33.1%	28,731
2627	32.2%	27,904
2628	31.9%	27,653
2629	32.0%	27,721
2630	32.7%	28,406
2631	34.5%	29,910
2632	37.0%	32,102
2633	39.3%	34,096
2634	41.3%	35,807
2635	42.7%	37,025
2636	41.1%	35,679
2637	38.8%	33,653
2638	36.5%	31,642
2639	34.8%	30,207
2640	34.0%	29,493
2641	33.6%	29,186
2642	33.6%	29,134
2643	34.3%	29,788
2644	36.2%	31,446
2645	38.2%	33,104
2646	38.8%	33,702
2647	37.3%	32,378
2648	35.8%	31,099
2649	35.3%	30,616
2650	35.7%	30,988
2651	35.6%	30,909
2652	35.2%	30,530
2653	35.8%	31,089
2654	37.3%	32,361
2655	38.3%	33,247
2656	39.8%	34,507
2657	41.3%	35,867
2658	42.2%	36,644
2659	42.7%	37,062
2660	41.0%	35,581
2661	38.5%	33,433
2662	36.1%	31,314
2663	34.2%	29,640
2664	33.1%	28,748
2665	32.6%	28,271
2666	32.4%	28,115
2667	33.0%	28,664
2668	34.7%	30,127
2669	36.7%	31,853
2670	37.3%	32,373
2671	36.1%	31,356
2672	34.4%	29,807
2673	32.8%	28,478
2674	32.0%	27,744
2675	31.5%	27,320
2676	31.6%	27,401
2677	32.0%	27,760
2678	33.3%	28,859
2679	35.4%	30,675
2680	37.6%	32,586
2681	39.4%	34,177
2682	40.5%	35,171
2683	41.3%	35,875
2684	39.9%	34,619
2685	37.8%	32,782
2686	35.5%	30,805
2687	33.6%	29,153
2688	32.3%	28,025
2689	31.7%	27,539
2690	31.3%	27,160
2691	31.2%	27,079
2692	31.9%	27,699
2693	32.5%	28,231
2694	33.7%	29,202
2695	34.4%	29,817
2696	34.1%	29,560
2697	32.7%	28,382
2698	31.4%	27,239
2699	30.6%	26,564
2700	30.6%	26,538
2701	30.4%	26,333
2702	31.8%	27,568
2703	33.9%	29,396
2704	35.5%	30,836
2705	36.9%	31,981
2706	38.0%	32,943
2707	38.9%	33,767
2708	38.0%	32,947
2709	36.3%	31,494
2710	34.4%	29,837
2711	32.7%	28,340
2712	31.5%	27,318
2713	30.7%	26,677
2714	30.3%	26,331
2715	30.4%	26,352
2716	30.8%	26,714
2717	30.8%	26,717
2718	30.4%	26,391
2719	29.6%	25,656
2720	28.7%	24,914
2721	27.8%	24,104
2722	27.6%	23,916
2723	26.5%	22,968
2724	25.8%	22,397
2725	26.3%	22,786
2726	27.5%	23,882

2727	29.9%	25,955
2728	33.0%	28,596
2729	35.7%	30,949
2730	37.8%	32,760
2731	39.4%	34,159
2732	38.4%	33,292
2733	36.1%	31,355
2734	34.0%	29,483
2735	32.1%	27,884
2736	31.2%	27,092
2737	30.8%	26,753
2738	30.8%	26,700
2739	31.4%	27,268
2740	33.6%	29,159
2741	36.3%	31,519
2742	38.6%	33,487
2743	39.7%	34,462
2744	39.7%	34,487
2745	39.3%	34,089
2746	38.9%	33,724
2747	38.5%	33,364
2748	38.3%	33,245
2749	38.6%	33,527
2750	39.3%	34,071
2751	39.9%	34,597
2752	40.7%	35,296
2753	41.5%	36,010
2754	42.8%	37,122
2755	43.2%	37,523
2756	41.4%	35,893
2757	38.5%	33,405
2758	35.8%	31,080
2759	33.8%	29,304
2760	32.7%	28,362
2761	32.1%	27,822
2762	31.8%	27,599
2763	32.3%	28,016
2764	33.9%	29,453
2765	36.8%	31,967
2766	39.1%	33,961
2767	39.8%	34,559
2768	39.8%	34,548
2769	38.7%	33,595
2770	37.4%	32,480
2771	36.8%	31,917
2772	36.9%	31,973
2773	38.0%	32,949
2774	38.8%	33,633
2775	40.8%	35,381
2776	42.7%	37,004
2777	42.9%	37,196
2778	43.4%	37,623
2779	43.2%	37,484
2780	41.2%	35,759
2781	38.5%	33,390
2782	35.7%	31,007
2783	33.7%	29,237
2784	32.5%	28,179
2785	31.6%	27,453
2786	31.5%	27,306
2787	32.2%	27,894
2788	33.9%	29,451
2789	36.4%	31,587
2790	37.7%	32,734
2791	37.0%	32,069
2792	35.3%	30,624
2793	34.2%	29,658
2794	34.4%	29,849
2795	34.6%	29,996
2796	35.9%	31,109
2797	36.4%	31,581
2798	37.6%	32,633
2799	38.5%	33,441
2800	40.3%	34,990
2801	41.5%	35,982
2802	43.0%	37,281
2803	44.2%	38,348
2804	42.7%	37,020
2805	40.1%	34,758
2806	37.5%	32,531
2807	35.6%	30,925
2808	34.6%	30,052
2809	34.1%	29,588
2810	34.2%	29,634
2811	35.0%	30,379
2812	36.9%	32,028
2813	39.9%	34,616
2814	41.6%	36,107
2815	40.6%	35,268
2816	37.2%	32,289
2817	34.7%	30,107
2818	33.4%	29,000
2819	32.6%	28,297
2820	32.3%	28,040
2821	32.2%	27,904
2822	32.9%	28,561
2823	34.7%	30,064
2824	37.1%	32,227
2825	39.7%	34,403
2826	41.9%	36,387
2827	43.8%	38,004
2828	42.5%	36,885
2829	40.0%	34,726
2830	37.6%	32,664
2831	35.8%	31,018

2832	34.7%	30,128
2833	34.3%	29,751
2834	34.3%	29,798
2835	35.2%	30,582
2836	37.1%	32,155
2837	39.7%	34,409
2838	40.0%	34,668
2839	38.1%	33,017
2840	35.8%	31,055
2841	34.0%	29,466
2842	32.8%	28,453
2843	32.0%	27,727
2844	31.7%	27,493
2845	31.6%	27,444
2846	32.0%	27,801
2847	33.9%	29,398
2848	36.3%	31,493
2849	38.6%	33,481
2850	40.2%	34,899
2851	41.7%	36,167
2852	40.7%	35,299
2853	38.6%	33,489
2854	36.5%	31,625
2855	34.6%	30,035
2856	33.4%	28,997
2857	32.9%	28,527
2858	32.8%	28,442
2859	32.9%	28,529
2860	33.7%	29,247
2861	34.1%	29,581
2862	33.6%	29,136
2863	32.1%	27,808
2864	30.3%	26,285
2865	28.7%	24,880
2866	27.6%	23,912
2867	27.0%	23,432
2868	26.8%	23,230
2869	27.0%	23,431
2870	28.1%	24,363
2871	30.2%	26,206
2872	33.1%	28,709
2873	35.8%	31,056
2874	37.4%	32,448
2875	38.8%	33,659
2876	38.1%	33,023
2877	36.3%	31,520
2878	34.5%	29,953
2879	32.9%	28,527
2880	31.9%	27,652
2881	31.2%	27,090
2882	31.1%	27,003
2883	31.3%	27,180
2884	31.9%	27,639
2885	31.8%	27,572
2886	31.1%	26,947
2887	29.6%	25,707
2888	28.2%	24,448
2889	27.2%	23,560
2890	26.8%	23,238
2891	26.8%	23,242
2892	27.2%	23,585
2893	28.6%	24,837
2894	31.0%	26,933
2895	33.9%	29,441
2896	36.4%	31,567
2897	37.5%	32,535
2898	38.6%	33,448
2899	39.6%	34,388
2900	38.4%	33,306
2901	36.1%	31,329
2902	33.8%	29,336
2903	32.1%	27,815
2904	31.0%	26,889
2905	30.4%	26,379
2906	30.2%	26,235
2907	30.8%	26,729
2908	32.9%	28,513
2909	36.0%	31,205
2910	38.5%	33,424
2911	39.8%	34,555
2912	40.3%	34,945
2913	40.4%	35,049
2914	40.3%	34,954
2915	39.5%	34,233
2916	38.7%	33,577
2917	38.6%	33,514
2918	39.2%	33,986
2919	39.6%	34,386
2920	40.5%	35,117
2921	41.6%	36,067
2922	42.3%	36,715
2923	43.1%	37,420
2924	41.5%	35,968
2925	38.7%	33,569
2926	35.9%	31,170
2927	33.8%	29,326
2928	32.6%	28,319
2929	31.9%	27,720
2930	31.8%	27,566
2931	32.1%	27,874
2932	33.9%	29,371
2933	36.3%	31,468
2934	37.8%	32,767
2935	37.0%	32,091
2936	35.7%	30,937

2937	34.7%	30,080
2938	34.0%	29,473
2939	34.2%	29,667
2940	35.1%	30,460
2941	35.4%	30,671
2942	36.8%	31,911
2943	38.3%	33,271
2944	39.5%	34,265
2945	40.1%	34,819
2946	41.6%	36,052
2947	42.7%	37,027
2948	41.0%	35,587
2949	38.4%	33,288
2950	35.6%	30,879
2951	33.7%	29,225
2952	32.5%	28,226
2953	31.7%	27,522
2954	31.4%	27,244
2955	32.0%	27,721
2956	33.9%	29,435
2957	36.7%	31,824
2958	39.3%	34,079
2959	40.8%	35,420
2960	41.4%	35,960
2961	41.3%	35,793
2962	41.2%	35,747
2963	40.3%	34,954
2964	38.8%	33,634
2965	38.5%	33,390
2966	37.6%	32,660
2967	37.9%	32,905
2968	39.6%	34,394
2969	41.1%	35,622
2970	42.1%	36,528
2971	43.2%	37,472
2972	41.7%	36,181
2973	38.9%	33,754
2974	36.1%	31,301
2975	34.1%	29,561
2976	32.8%	28,448
2977	31.9%	27,718
2978	31.7%	27,526
2979	32.2%	27,903
2980	33.8%	29,332
2981	36.0%	31,220
2982	37.8%	32,779
2983	37.7%	32,723
2984	36.9%	31,991
2985	35.4%	30,750
2986	34.6%	30,022
2987	34.8%	30,151
2988	35.5%	30,759
2989	36.6%	31,723
2990	37.5%	32,575
2991	39.1%	33,881
2992	40.9%	35,511
2993	42.2%	36,629
2994	43.0%	37,345
2995	43.9%	38,060
2996	42.1%	36,537
2997	39.2%	33,995
2998	36.2%	31,417
2999	34.0%	29,511
3000	32.5%	28,167
3001	31.7%	27,546
3002	31.5%	27,306
3003	31.8%	27,630
3004	33.5%	29,034
3005	35.7%	31,004
3006	38.4%	33,338
3007	39.9%	34,581
3008	40.7%	35,291
3009	41.2%	35,785
3010	41.2%	35,746
3011	40.7%	35,306
3012	41.2%	35,705
3013	41.4%	35,900
3014	41.5%	35,967
3015	41.7%	36,159
3016	42.1%	36,491
3017	42.0%	36,453
3018	42.2%	36,646
3019	42.3%	36,723
3020	40.9%	35,450
3021	38.6%	33,450
3022	36.4%	31,600
3023	34.6%	29,991
3024	33.3%	28,927
3025	32.6%	28,292
3026	32.2%	27,935
3027	32.1%	27,885
3028	32.8%	28,468
3029	33.7%	29,197
3030	35.2%	30,504
3031	37.2%	32,315
3032	38.9%	33,724
3033	40.1%	34,748
3034	40.7%	35,305
3035	40.8%	35,423
3036	40.6%	35,220
3037	39.9%	34,651
3038	39.5%	34,293
3039	39.7%	34,459
3040	40.4%	35,077
3041	41.0%	35,611

3042	41.6%	36,095
3043	42.1%	36,540
3044	41.1%	35,621
3045	39.3%	34,081
3046	37.2%	32,253
3047	35.4%	30,720
3048	34.1%	29,606
3049	33.3%	28,919
3050	32.8%	28,484
3051	32.8%	28,483
3052	33.2%	28,811
3053	33.4%	29,012
3054	34.0%	29,460
3055	34.1%	29,607
3056	34.0%	29,468
3057	33.8%	29,289
3058	33.0%	28,601
3059	32.1%	27,868
3060	31.7%	27,544
3061	31.4%	27,276
3062	31.8%	27,559
3063	33.0%	28,658
3064	34.9%	30,262
3065	36.7%	31,839
3066	38.2%	33,131
3067	40.0%	34,684
3068	39.3%	34,061
3069	37.3%	32,382
3070	35.1%	30,488
3071	33.5%	29,046
3072	32.4%	28,109
3073	32.0%	27,729
3074	32.0%	27,727
3075	32.9%	28,557
3076	34.8%	30,202
3077	37.2%	32,248
3078	37.9%	32,893
3079	36.5%	31,691
3080	34.7%	30,116
3081	33.1%	28,745
3082	32.2%	27,948
3083	31.9%	27,645
3084	31.9%	27,686
3085	32.3%	28,032
3086	33.5%	29,037
3087	35.7%	30,982
3088	38.3%	33,189
3089	40.3%	34,940
3090	41.7%	36,165
3091	42.9%	37,262
3092	41.5%	36,009
3093	38.6%	33,503
3094	36.0%	31,193
3095	33.8%	29,365
3096	32.5%	28,198
3097	32.0%	27,766
3098	31.9%	27,637
3099	32.5%	28,190
3100	34.2%	29,634
3101	36.5%	31,654
3102	37.3%	32,347
3103	36.0%	31,215
3104	34.2%	29,712
3105	33.1%	28,699
3106	32.5%	28,162
3107	32.3%	27,996
3108	32.6%	28,241
3109	33.3%	28,900
3110	35.1%	30,443
3111	38.2%	33,185
3112	40.4%	35,064
3113	41.2%	35,762
3114	42.1%	36,490
3115	43.0%	37,276
3116	41.5%	35,989
3117	38.6%	33,515
3118	35.6%	30,901
3119	33.5%	29,050
3120	32.4%	28,097
3121	31.7%	27,473
3122	31.5%	27,331
3123	31.9%	27,714
3124	33.4%	29,021
3125	35.7%	30,972
3126	37.1%	32,148
3127	37.3%	32,373
3128	37.6%	32,645
3129	37.0%	32,106
3130	36.9%	31,996
3131	37.2%	32,263
3132	37.8%	32,757
3133	37.6%	32,637
3134	38.2%	33,160
3135	39.8%	34,515
3136	41.1%	35,695
3137	42.4%	36,806
3138	43.4%	37,639
3139	44.1%	38,243
3140	42.7%	37,018
3141	39.5%	34,296
3142	36.5%	31,686
3143	34.1%	29,599
3144	32.7%	28,397
3145	31.9%	27,675
3146	31.6%	27,383

3147	32.0%	27,792
3148	33.4%	29,004
3149	35.6%	30,925
3150	37.7%	32,679
3151	38.9%	33,711
3152	39.4%	34,147
3153	39.6%	34,314
3154	38.6%	33,476
3155	37.6%	32,603
3156	38.3%	33,266
3157	39.6%	34,314
3158	40.7%	35,294
3159	42.4%	36,757
3160	44.0%	38,154
3161	45.3%	39,301
3162	45.7%	39,677
3163	46.1%	40,035
3164	44.6%	38,667
3165	41.2%	35,713
3166	38.2%	33,135
3167	35.6%	30,904
3168	34.1%	29,614
3169	33.2%	28,815
3170	32.8%	28,417
3171	33.1%	28,685
3172	34.5%	29,972
3173	36.7%	31,830
3174	39.3%	34,136
3175	40.8%	35,390
3176	41.4%	35,900
3177	41.1%	35,677
3178	40.6%	35,209
3179	40.6%	35,218
3180	41.9%	36,332
3181	43.8%	37,958
3182	43.9%	38,073
3183	43.8%	38,027
3184	43.9%	38,123
3185	44.2%	38,337
3186	44.5%	38,566
3187	44.9%	38,952
3188	43.5%	37,719
3189	40.9%	35,474
3190	38.0%	33,008
3191	35.9%	31,126
3192	34.1%	29,581
3193	33.1%	28,684
3194	32.5%	28,179
3195	32.3%	28,010
3196	32.7%	28,388
3197	33.1%	28,700
3198	34.3%	29,743
3199	35.9%	31,135
3200	37.3%	32,344
3201	38.0%	32,966
3202	39.7%	34,404
3203	40.8%	35,357
3204	41.0%	35,567
3205	41.0%	35,589
3206	41.1%	35,678
3207	41.2%	35,732
3208	41.6%	36,075
3209	41.8%	36,240
3210	42.0%	36,401
3211	42.5%	36,882
3212	41.4%	35,960
3213	39.6%	34,379
3214	37.2%	32,309
3215	35.2%	30,554
3216	33.6%	29,138
3217	32.6%	28,279
3218	31.9%	27,703
3219	31.7%	27,507
3220	31.9%	27,641
3221	31.6%	27,389
3222	32.3%	28,033
3223	33.3%	28,866
3224	34.2%	29,688
3225	35.4%	30,708
3226	35.7%	30,962
3227	36.5%	31,657
3228	37.7%	32,712
3229	39.1%	33,925
3230	41.0%	35,590
3231	43.2%	37,492
3232	46.0%	39,925
3233	48.2%	41,809
3234	48.2%	41,842
3235	48.5%	42,089
3236	47.0%	40,805
3237	44.0%	38,163
3238	40.5%	35,142
3239	37.6%	32,627
3240	35.8%	31,059
3241	34.6%	30,051
3242	34.0%	29,471
3243	34.2%	29,652
3244	35.4%	30,707
3245	37.8%	32,838
3246	40.6%	35,211
3247	42.4%	36,753
3248	43.5%	37,724
3249	45.3%	39,312
3250	47.2%	40,968
3251	48.1%	41,732

3252	47.6%	41,296
3253	49.1%	42,586
3254	49.5%	42,906
3255	51.5%	44,650
3256	53.8%	46,636
3257	53.3%	46,237
3258	51.3%	44,549
3259	50.1%	43,469
3260	47.8%	41,466
3261	43.8%	38,000
3262	39.4%	34,195
3263	36.0%	31,269
3264	34.1%	29,590
3265	32.8%	28,472
3266	32.2%	27,921
3267	32.6%	28,263
3268	33.5%	29,081
3269	35.6%	30,875
3270	37.3%	32,384
3271	37.4%	32,476
3272	36.9%	32,024
3273	36.6%	31,747
3274	37.4%	32,485
3275	39.1%	33,906
3276	41.0%	35,600
3277	42.0%	36,482
3278	43.5%	37,745
3279	45.3%	39,321
3280	47.3%	41,022
3281	48.2%	41,812
3282	47.8%	41,469
3283	47.4%	41,131
3284	45.5%	39,445
3285	41.8%	36,233
3286	38.1%	33,035
3287	35.0%	30,372
3288	33.1%	28,724
3289	32.1%	27,889
3290	31.6%	27,422
3291	31.9%	27,657
3292	33.0%	28,648
3293	35.0%	30,361
3294	36.5%	31,655
3295	36.2%	31,367
3296	35.4%	30,701
3297	35.2%	30,574
3298	35.3%	30,588
3299	35.3%	30,620
3300	36.4%	31,572
3301	37.7%	32,698
3302	39.6%	34,398
3303	42.3%	36,665
3304	44.9%	38,988
3305	46.1%	39,994
3306	45.9%	39,829
3307	46.2%	40,111
3308	44.5%	38,625
3309	41.2%	35,769
3310	38.1%	33,049
3311	35.2%	30,531
3312	33.7%	29,238
3313	32.6%	28,275
3314	32.2%	27,939
3315	32.4%	28,118
3316	34.1%	29,586
3317	36.6%	31,788
3318	39.6%	34,324
3319	41.2%	35,787
3320	41.5%	35,980
3321	40.9%	35,516
3322	40.8%	35,369
3323	39.9%	34,596
3324	39.6%	34,380
3325	39.4%	34,159
3326	39.4%	34,189
3327	40.5%	35,132
3328	43.2%	37,495
3329	45.0%	39,039
3330	45.8%	39,723
3331	46.4%	40,268
3332	44.9%	38,972
3333	41.7%	36,189
3334	38.3%	33,216
3335	35.6%	30,891
3336	33.8%	29,362
3337	32.7%	28,351
3338	32.3%	28,033
3339	32.6%	28,278
3340	33.7%	29,243
3341	35.6%	30,906
3342	37.6%	32,598
3343	38.7%	33,595
3344	39.2%	33,977
3345	40.5%	35,138
3346	42.6%	36,932
3347	42.6%	36,985
3348	43.1%	37,375
3349	45.9%	39,835
3350	48.5%	42,062
3351	49.4%	42,825
3352	49.1%	42,560
3353	48.3%	41,878
3354	47.7%	41,392
3355	48.0%	41,641
3356	46.6%	40,406

3357	43.9%	38,112
3358	40.9%	35,482
3359	38.1%	33,053
3360	36.1%	31,323
3361	34.9%	30,241
3362	34.0%	29,534
3363	33.6%	29,189
3364	33.9%	29,378
3365	34.2%	29,708
3366	35.6%	30,914
3367	37.3%	32,384
3368	38.5%	33,396
3369	42.0%	36,477
3370	46.6%	40,400
3371	51.1%	44,301
3372	55.5%	48,127
3373	59.6%	51,694
3374	63.6%	55,194
3375	67.3%	58,432
3376	70.4%	61,037
3377	71.3%	61,853
3378	69.5%	60,296
3379	67.2%	58,309
3380	64.2%	55,715
3381	59.7%	51,806
3382	55.4%	48,023
3383	50.7%	43,964
3384	47.3%	41,056
3385	44.6%	38,712
3386	42.5%	36,907
3387	41.3%	35,859
3388	40.5%	35,104
3389	40.2%	34,865
3390	41.4%	35,935
3391	44.7%	38,809
3392	48.2%	41,810
3393	51.1%	44,293
3394	54.0%	46,830
3395	56.7%	49,202
3396	61.0%	52,887
3397	64.7%	56,158
3398	68.3%	59,300
3399	71.6%	62,137
3400	74.4%	64,583
3401	74.2%	64,345
3402	70.4%	61,083
3403	66.4%	57,622
3404	63.0%	54,659
3405	57.5%	49,890
3406	52.0%	45,107
3407	47.1%	40,837
3408	43.4%	37,639
3409	40.4%	35,089
3410	38.5%	33,426
3411	37.6%	32,638
3412	37.8%	32,772
3413	38.9%	33,746
3414	40.5%	35,120
3415	40.6%	35,265
3416	40.8%	35,427
3417	40.5%	35,101
3418	41.0%	35,587
3419	42.1%	36,522
3420	43.6%	37,867
3421	45.7%	39,675
3422	48.4%	41,973
3423	51.6%	44,749
3424	53.2%	46,119
3425	52.2%	45,324
3426	51.0%	44,234
3427	50.5%	43,792
3428	48.2%	41,790
3429	44.4%	38,493
3430	40.5%	35,116
3431	37.5%	32,555
3432	35.5%	30,820
3433	34.3%	29,736
3434	33.7%	29,232
3435	34.0%	29,519
3436	35.2%	30,502
3437	37.6%	32,583
3438	39.9%	34,614
3439	40.8%	35,439
3440	40.9%	35,503
3441	40.9%	35,446
3442	40.8%	35,420
3443	40.2%	34,838
3444	40.0%	34,669
3445	40.8%	35,258
3446	41.7%	36,189
3447	42.8%	37,113
3448	44.0%	38,199
3449	44.6%	38,666
3450	44.4%	38,503
3451	44.8%	38,864
3452	43.4%	37,612
3453	40.3%	34,932
3454	37.2%	32,247
3455	34.6%	30,056
3456	33.0%	28,669
3457	32.2%	27,924
3458	31.8%	27,618
3459	32.2%	27,929
3460	33.3%	28,895
3461	35.3%	30,607

3462	36.8%	31,970
3463	37.0%	32,091
3464	36.6%	31,766
3465	36.1%	31,330
3466	36.4%	31,611
3467	36.8%	31,958
3468	37.4%	32,441
3469	38.4%	33,359
3470	40.4%	35,071
3471	42.9%	37,181
3472	44.7%	38,815
3473	45.3%	39,271
3474	44.9%	38,922
3475	44.8%	38,878
3476	43.2%	37,512
3477	40.1%	34,769
3478	36.7%	31,867
3479	34.3%	29,796
3480	32.8%	28,485
3481	32.0%	27,764
3482	31.7%	27,485
3483	32.0%	27,791
3484	33.3%	28,910
3485	34.9%	30,321
3486	37.1%	32,207
3487	38.3%	33,201
3488	37.8%	32,828
3489	37.5%	32,566
3490	38.1%	33,086
3491	39.8%	34,562
3492	41.4%	35,896
3493	43.0%	37,306
3494	44.5%	38,580
3495	45.8%	39,760
3496	46.4%	40,281
3497	46.5%	40,369
3498	46.7%	40,478
3499	47.1%	40,904
3500	46.0%	39,876
3501	43.2%	37,500
3502	40.1%	34,775
3503	37.3%	32,371
3504	35.9%	31,144
3505	34.9%	30,313
3506	34.5%	29,907
3507	34.6%	30,040
3508	36.1%	31,296
3509	38.3%	33,259
3510	41.0%	35,555
3511	43.3%	37,599
3512	44.2%	38,364
3513	45.8%	39,738
3514	47.9%	41,559
3515	49.5%	42,959
3516	52.2%	45,329
3517	54.5%	47,269
3518	56.9%	49,363
3519	56.8%	49,245
3520	53.5%	46,392
3521	51.0%	44,249
3522	49.8%	43,220
3523	49.5%	42,942
3524	48.2%	41,821
3525	45.4%	39,431
3526	42.5%	36,889
3527	39.7%	34,427
3528	37.6%	32,594
3529	36.0%	31,277
3530	35.3%	30,661
3531	35.0%	30,357
3532	35.1%	30,442
3533	35.3%	30,583
3534	36.5%	31,650
3535	38.0%	32,984
3536	39.2%	34,011
3537	40.6%	35,230
3538	42.8%	37,114
3539	44.5%	38,618
3540	42.6%	36,935
3541	43.6%	37,827
3542	45.4%	39,366
3543	45.9%	39,832
3544	47.6%	41,330
3545	49.7%	43,127
3546	49.5%	42,951
3547	48.6%	42,131
3548	47.5%	41,204
3549	44.7%	38,779
3550	41.5%	35,986
3551	38.5%	33,384
3552	36.1%	31,285
3553	34.3%	29,798
3554	33.3%	28,872
3555	32.6%	28,294
3556	31.9%	27,713
3557	31.8%	27,587
3558	32.1%	27,824
3559	33.0%	28,671
3560	34.2%	29,669
3561	36.0%	31,215
3562	38.2%	33,136
3563	40.0%	34,669
3564	41.7%	36,207
3565	43.4%	37,637
3566	45.7%	39,676

3567	48.5%	42,093
3568	51.2%	44,401
3569	52.2%	45,300
3570	50.9%	44,194
3571	49.1%	42,625
3572	47.8%	41,429
3573	44.8%	38,856
3574	41.5%	36,005
3575	38.2%	33,176
3576	36.0%	31,220
3577	34.5%	29,939
3578	33.5%	29,099
3579	33.3%	28,910
3580	33.1%	28,686
3581	33.2%	28,841
3582	34.2%	29,704
3583	36.1%	31,302
3584	38.7%	33,548
3585	41.9%	36,382
3586	45.8%	39,747
3587	49.9%	43,252
3588	53.6%	46,517
3589	57.3%	49,720
3590	60.9%	52,849
3591	64.8%	56,242
3592	68.2%	59,171
3593	69.2%	60,001
3594	67.8%	58,844
3595	65.5%	56,858
3596	62.8%	54,466
3597	57.6%	49,981
3598	52.2%	45,287
3599	47.2%	40,986
3600	44.9%	38,934
3601	42.6%	36,997
3602	41.3%	35,873
3603	41.1%	35,635
3604	42.0%	36,431
3605	44.6%	38,666
3606	49.2%	42,707
3607	53.5%	46,457
3608	57.9%	50,229
3609	62.2%	53,956
3610	66.9%	58,054
3611	70.1%	60,788
3612	74.1%	64,269
3613	77.9%	67,596
3614	82.0%	71,118
3615	85.0%	73,727
3616	86.9%	75,370
3617	86.3%	74,886
3618	83.3%	72,262
3619	79.4%	68,890
3620	74.6%	64,728
3621	66.3%	57,514
3622	59.8%	51,877
3623	53.5%	46,386
3624	48.7%	42,235
3625	45.3%	39,284
3626	42.9%	37,195
3627	41.7%	36,179
3628	41.7%	36,163
3629	42.9%	37,208
3630	44.6%	38,709
3631	45.6%	39,556
3632	45.8%	39,775
3633	45.7%	39,691
3634	46.1%	39,970
3635	47.2%	40,940
3636	48.8%	42,313
3637	51.0%	44,251
3638	53.3%	46,252
3639	54.7%	47,430
3640	54.5%	47,309
3641	53.5%	46,401
3642	52.1%	45,234
3643	51.0%	44,246
3644	48.7%	42,215
3645	45.0%	39,065
3646	41.5%	35,984
3647	38.3%	33,252
3648	36.8%	31,944
3649	35.8%	31,018
3650	35.2%	30,549
3651	35.4%	30,721
3652	36.7%	31,879
3653	39.2%	34,034
3654	42.3%	36,736
3655	44.1%	38,276
3656	45.7%	39,618
3657	46.5%	40,325
3658	49.5%	42,986
3659	52.2%	45,315
3660	56.5%	49,061
3661	60.1%	52,116
3662	63.0%	54,696
3663	64.9%	56,322
3664	63.9%	55,460
3665	61.5%	53,360
3666	59.3%	51,467
3667	57.9%	50,250
3668	55.7%	48,317
3669	51.7%	44,857
3670	47.3%	41,069
3671	43.5%	37,776

3672	41.2%	35,720
3673	39.5%	34,272
3674	38.5%	33,437
3675	38.4%	33,326
3676	39.6%	34,340
3677	41.9%	36,534
3678	44.7%	38,777
3679	46.7%	40,508
3680	47.8%	41,486
3681	48.1%	41,737
3682	48.8%	42,318
3683	49.6%	43,007
3684	51.3%	44,543
3685	53.3%	46,251
3686	55.8%	48,448
3687	57.9%	50,210
3688	58.8%	50,975
3689	57.5%	49,869
3690	55.0%	47,714
3691	52.9%	45,895
3692	50.9%	44,148
3693	47.2%	40,922
3694	43.4%	37,611
3695	39.6%	34,355
3696	37.0%	32,125
3697	35.3%	30,589
3698	34.3%	29,717
3699	33.7%	29,247
3700	33.2%	28,825
3701	33.6%	29,120
3702	34.5%	29,898
3703	35.8%	31,021
3704	37.4%	32,454
3705	39.1%	33,880
3706	40.8%	35,423
3707	43.8%	37,965
3708	46.6%	40,393
3709	48.8%	42,343
3710	51.6%	44,797
3711	54.5%	47,289
3712	56.9%	49,392
3713	57.6%	49,935
3714	55.6%	48,279
3715	52.6%	45,659
3716	50.3%	43,638
3717	46.5%	40,332
3718	42.6%	36,939
3719	39.1%	33,931
3720	36.4%	31,561
3721	34.7%	30,078
3722	33.5%	29,027
3723	32.7%	28,412
3724	32.0%	27,724
3725	31.7%	27,503
3726	31.8%	27,613
3727	32.3%	28,025
3728	33.2%	28,847
3729	34.0%	29,491
3730	34.9%	30,259
3731	35.9%	31,104
3732	37.7%	32,710
3733	40.2%	34,889
3734	43.5%	37,766
3735	47.1%	40,893
3736	50.5%	43,807
3737	52.0%	45,120
3738	50.8%	44,043
3739	48.7%	42,274
3740	46.9%	40,694
3741	43.3%	37,547
3742	39.4%	34,153
3743	36.2%	31,430
3744	34.2%	29,666
3745	33.1%	28,681
3746	32.6%	28,308
3747	32.9%	28,540
3748	33.8%	29,317
3749	35.9%	31,184
3750	38.3%	33,239
3751	39.5%	34,288
3752	40.3%	34,931
3753	41.2%	35,786
3754	42.7%	37,044
3755	44.5%	38,582
3756	46.9%	40,650
3757	49.8%	43,245
3758	53.4%	46,360
3759	57.0%	49,465
3760	59.7%	51,792
3761	59.6%	51,699
3762	57.0%	49,433
3763	54.8%	47,562
3764	52.2%	45,262
3765	47.7%	41,405
3766	43.0%	37,331
3767	39.2%	34,051
3768	36.8%	31,964
3769	35.3%	30,634
3770	34.5%	29,949
3771	34.6%	30,040
3772	35.4%	30,725
3773	37.7%	32,714
3774	40.4%	35,036
3775	42.0%	36,464
3776	43.8%	37,967

3777	45.5%	39,460
3778	47.1%	40,854
3779	48.9%	42,463
3780	52.4%	45,465
3781	55.0%	47,722
3782	55.7%	48,290
3783	56.3%	48,856
3784	56.3%	48,868
3785	54.9%	47,636
3786	54.0%	46,831
3787	53.6%	46,500
3788	51.7%	44,889
3789	48.3%	41,877
3790	44.5%	38,619
3791	41.4%	35,899
3792	39.6%	34,332
3793	38.7%	33,536
3794	38.1%	33,068
3795	38.5%	33,366
3796	39.8%	34,529
3797	42.7%	37,086
3798	46.5%	40,301
3799	48.9%	42,438
3800	50.6%	43,936
3801	52.5%	45,564
3802	54.6%	47,344
3803	56.9%	49,386
3804	59.3%	51,412
3805	61.9%	53,739
3806	65.2%	56,566
3807	68.6%	59,502
3808	70.6%	61,292
3809	70.6%	61,258
3810	68.4%	59,307
3811	64.9%	56,271
3812	61.7%	53,562
3813	56.9%	49,327
3814	51.8%	44,939
3815	47.5%	41,209
3816	44.5%	38,579
3817	42.6%	36,968
3818	41.7%	36,181
3819	41.9%	36,361
3820	43.5%	37,737
3821	46.0%	39,904
3822	49.4%	42,868
3823	51.3%	44,524
3824	53.9%	46,795
3825	56.0%	48,593
3826	57.8%	50,125
3827	58.7%	50,956
3828	59.9%	52,013
3829	61.1%	53,043
3830	63.1%	54,773
3831	65.0%	56,382
3832	65.7%	56,995
3833	64.3%	55,829
3834	61.4%	53,282
3835	58.3%	50,599
3836	55.7%	48,368
3837	51.2%	44,391
3838	46.1%	40,007
3839	41.6%	36,118
3840	38.8%	33,632
3841	36.9%	32,000
3842	35.7%	31,014
3843	35.6%	30,855
3844	36.1%	31,353
3845	38.4%	33,278
3846	40.8%	35,403
3847	42.1%	36,485
3848	42.9%	37,224
3849	44.0%	38,177
3850	45.6%	39,562
3851	47.5%	41,233
3852	49.3%	42,763
3853	51.8%	44,906
3854	55.4%	48,054
3855	58.2%	50,529
3856	59.4%	51,522
3857	58.0%	50,287
3858	55.7%	48,356
3859	54.1%	46,962
3860	52.5%	45,525
3861	49.2%	42,660
3862	45.5%	39,509
3863	42.2%	36,622
3864	39.5%	34,256
3865	37.8%	32,812
3866	36.6%	31,782
3867	35.8%	31,092
3868	35.6%	30,917
3869	35.6%	30,898
3870	36.7%	31,866
3871	38.8%	33,667
3872	41.4%	35,893
3873	44.1%	38,256
3874	46.6%	40,404
3875	47.0%	40,768
3876	47.1%	40,823
3877	47.4%	41,132
3878	46.5%	40,338
3879	46.6%	40,460
3880	47.0%	40,771
3881	47.3%	41,008

3882	47.1%	40,833
3883	46.8%	40,624
3884	46.2%	40,113
3885	43.8%	38,007
3886	41.0%	35,530
3887	38.1%	33,024
3888	35.9%	31,181
3889	34.6%	29,998
3890	33.8%	29,298
3891	33.4%	29,009
3892	33.3%	28,923
3893	33.6%	29,120
3894	34.7%	30,077
3895	36.7%	31,801
3896	38.7%	33,542
3897	40.6%	35,235
3898	40.9%	35,516
3899	40.3%	34,936
3900	40.4%	35,047
3901	43.0%	37,339
3902	44.7%	38,779
3903	46.6%	40,388
3904	49.2%	42,719
3905	50.6%	43,931
3906	50.5%	43,778
3907	50.6%	43,912
3908	49.9%	43,257
3909	47.1%	40,883
3910	43.8%	37,982
3911	40.8%	35,434
3912	38.8%	33,668
3913	37.7%	32,686
3914	37.1%	32,186
3915	37.4%	32,459
3916	38.7%	33,575
3917	41.5%	35,963
3918	45.2%	39,209
3919	48.4%	41,960
3920	51.7%	44,820
3921	54.9%	47,616
3922	58.4%	50,655
3923	61.9%	53,717
3924	65.4%	56,730
3925	67.9%	58,882
3926	71.0%	61,583
3927	74.7%	64,830
3928	77.0%	66,802
3929	76.8%	66,659
3930	74.1%	64,320
3931	70.7%	61,366
3932	66.8%	57,938
3933	60.6%	52,554
3934	54.3%	47,110
3935	49.2%	42,725
3936	45.3%	39,335
3937	42.8%	37,143
3938	41.3%	35,816
3939	40.7%	35,294
3940	41.3%	35,834
3941	43.7%	37,907
3942	46.2%	40,124
3943	47.7%	41,383
3944	47.8%	41,468
3945	47.5%	41,210
3946	47.8%	41,445
3947	49.7%	43,104
3948	52.7%	45,719
3949	55.4%	48,087
3950	59.6%	51,730
3951	64.2%	55,683
3952	67.5%	58,606
3953	68.4%	59,362
3954	66.5%	57,677
3955	63.0%	54,663
3956	60.0%	52,047
3957	54.8%	47,519
3958	49.4%	42,826
3959	44.7%	38,777
3960	41.6%	36,069
3961	39.6%	34,351
3962	38.4%	33,355
3963	38.2%	33,153
3964	38.9%	33,748
3965	41.5%	35,990
3966	44.6%	38,669
3967	47.3%	41,056
3968	49.2%	42,669
3969	51.5%	44,680
3970	53.7%	46,586
3971	56.4%	48,955
3972	59.5%	51,599
3973	62.3%	54,045
3974	65.3%	56,691
3975	67.4%	58,480
3976	68.0%	58,988
3977	66.6%	57,813
3978	63.6%	55,140
3979	60.0%	52,025
3980	57.3%	49,703
3981	52.5%	45,586
3982	47.8%	41,495
3983	44.0%	38,145
3984	41.3%	35,837
3985	39.6%	34,382
3986	38.8%	33,668

3987	39.0%	33,803
3988	40.3%	34,977
3989	43.2%	37,493
3990	46.1%	39,963
3991	47.9%	41,523
3992	48.3%	41,922
3993	47.6%	41,283
3994	46.8%	40,632
3995	48.4%	41,962
3996	50.1%	43,429
3997	52.0%	45,098
3998	54.2%	47,046
3999	56.4%	48,896
4000	57.2%	49,588
4001	56.2%	48,750
4002	55.1%	47,788
4003	55.0%	47,749
4004	53.7%	46,630
4005	50.5%	43,772
4006	46.9%	40,656
4007	43.8%	37,991
4008	41.4%	35,951
4009	40.1%	34,765
4010	39.5%	34,261
4011	39.7%	34,414
4012	40.9%	35,515
4013	43.4%	37,682
4014	47.3%	41,073
4015	50.5%	43,856
4016	53.5%	46,422
4017	58.5%	50,726
4018	64.4%	55,916
4019	69.9%	60,603
4020	72.7%	63,032
4021	75.0%	65,089
4022	76.9%	66,737
4023	78.4%	67,987
4024	79.6%	69,061
4025	78.7%	68,238
4026	75.2%	65,283
4027	70.4%	61,059
4028	66.3%	57,528
4029	60.7%	52,671
4030	54.6%	47,402
4031	49.3%	42,781
4032	45.6%	39,522
4033	42.6%	36,956
4034	40.9%	35,468
4035	39.7%	34,428
4036	38.6%	33,490
4037	38.6%	33,488
4038	39.6%	34,359
4039	40.9%	35,511
4040	41.3%	35,850
4041	41.0%	35,545
4042	40.7%	35,350
4043	40.7%	35,330
4044	41.5%	36,029
4045	42.4%	36,768
4046	42.7%	37,015
4047	42.1%	36,549
4048	42.7%	37,063
4049	42.5%	36,887
4050	42.3%	36,714
4051	42.3%	36,698
4052	42.2%	36,581
4053	40.3%	34,970
4054	37.8%	32,757
4055	35.5%	30,780
4056	33.7%	29,219
4057	32.4%	28,138
4058	32.0%	27,724
4059	31.6%	27,407
4060	31.2%	27,065
4061	30.9%	26,810
4062	30.6%	26,544
4063	30.4%	26,361
4064	30.1%	26,120
4065	29.9%	25,921
4066	30.0%	26,070
4067	30.5%	26,477
4068	31.4%	27,256
4069	32.7%	28,376
4070	34.8%	30,197
4071	37.7%	32,741
4072	41.1%	35,630
4073	43.3%	37,564
4074	43.8%	38,022
4075	43.5%	37,778
4076	43.4%	37,644
4077	41.0%	35,584
4078	37.9%	32,908
4079	35.4%	30,681
4080	33.5%	29,047
4081	32.5%	28,217
4082	32.1%	27,861
4083	32.4%	28,113
4084	33.2%	28,772
4085	34.7%	30,123
4086	36.4%	31,617
4087	37.9%	32,912
4088	39.2%	34,008
4089	38.8%	33,663
4090	38.7%	33,580
4091	39.7%	34,466

4092	41.6%	36,086
4093	44.0%	38,182
4094	47.3%	40,998
4095	51.5%	44,668
4096	54.1%	46,926
4097	54.9%	47,636
4098	54.2%	46,998
4099	52.3%	45,401
4100	50.3%	43,638
4101	46.3%	40,193
4102	42.2%	36,579
4103	38.7%	33,559
4104	36.2%	31,445
4105	34.8%	30,207
4106	33.9%	29,428
4107	34.0%	29,464
4108	34.6%	30,023
4109	36.6%	31,778
4110	39.2%	34,014
4111	41.2%	35,717
4112	43.5%	37,726
4113	44.9%	38,959
4114	46.4%	40,227
4115	48.2%	41,779
4116	49.2%	42,694
4117	51.3%	44,524
4118	54.4%	47,227
4119	57.4%	49,832
4120	57.5%	49,910
4121	56.2%	48,801
4122	54.6%	47,370
4123	53.3%	46,284
4124	51.8%	44,902
4125	48.4%	42,018
4126	44.4%	38,532
4127	41.3%	35,809
4128	39.1%	33,952
4129	37.8%	32,772
4130	37.0%	32,067
4131	37.1%	32,154
4132	38.2%	33,103
4133	40.4%	35,073
4134	42.9%	37,197
4135	44.4%	38,512
4136	45.6%	39,605
4137	47.6%	41,269
4138	49.0%	42,538
4139	49.4%	42,895
4140	49.5%	42,981
4141	49.4%	42,871
4142	49.1%	42,593
4143	48.6%	42,139
4144	48.6%	42,209
4145	48.1%	41,775
4146	47.6%	41,308
4147	47.4%	41,103
4148	46.0%	39,933
4149	43.4%	37,677
4150	40.3%	34,972
4151	37.7%	32,673
4152	36.0%	31,208
4153	34.9%	30,295
4154	34.4%	29,818
4155	34.6%	29,989
4156	35.4%	30,741
4157	37.6%	32,607
4158	40.4%	35,040
4159	42.4%	36,746
4160	44.9%	38,933
4161	46.6%	40,473
4162	46.9%	40,670
4163	47.6%	41,300
4164	48.4%	41,967
4165	47.1%	40,848
4166	47.1%	40,846
4167	49.1%	42,560
4168	50.5%	43,850
4169	51.6%	44,749
4170	51.1%	44,310
4171	50.3%	43,656
4172	49.4%	42,859
4173	46.2%	40,126
4174	42.7%	37,065
4175	39.5%	34,304
4176	37.4%	32,452
4177	36.1%	31,282
4178	35.4%	30,717
4179	35.5%	30,828
4180	36.5%	31,642
4181	38.2%	33,181
4182	40.7%	35,283
4183	42.9%	37,211
4184	44.2%	38,366
4185	45.8%	39,775
4186	48.2%	41,818
4187	50.9%	44,125
4188	53.7%	46,571
4189	57.0%	49,418
4190	60.5%	52,450
4191	63.6%	55,149
4192	65.7%	56,967
4193	65.9%	57,139
4194	64.1%	55,622
4195	61.1%	53,034
4196	58.7%	50,966

4197	54.6%	47,331
4198	50.0%	43,420
4199	45.6%	39,526
4200	42.6%	36,954
4201	40.4%	35,068
4202	38.9%	33,750
4203	38.1%	33,050
4204	37.5%	32,537
4205	38.1%	33,039
4206	40.2%	34,878
4207	43.6%	37,828
4208	47.5%	41,226
4209	51.7%	44,836
4210	56.4%	48,948
4211	60.6%	52,552
4212	63.2%	54,838
4213	66.1%	57,311
4214	68.9%	59,798
4215	71.7%	62,220
4216	73.8%	64,065
4217	74.1%	64,299
4218	72.0%	62,469
4219	68.1%	59,111
4220	65.0%	56,388
4221	60.4%	52,403
4222	55.3%	47,984
4223	50.5%	43,832
4224	47.4%	41,154
4225	44.1%	38,227
4226	42.1%	36,530
4227	40.8%	35,441
4228	39.7%	34,427
4229	39.7%	34,411
4230	41.6%	36,120
4231	44.9%	38,928
4232	48.7%	42,219
4233	53.5%	46,375
4234	57.3%	49,714
4235	61.1%	53,011
4236	64.1%	55,605
4237	67.2%	58,327
4238	70.1%	60,846
4239	72.4%	62,822
4240	74.3%	64,433
4241	74.1%	64,258
4242	70.7%	61,380
4243	67.6%	58,687
4244	65.0%	56,358
4245	59.6%	51,692
4246	54.4%	47,177
4247	49.8%	43,185
4248	46.6%	40,446
4249	44.9%	38,963
4250	44.0%	38,158
4251	44.2%	38,355
4252	45.4%	39,358
4253	47.7%	41,366
4254	50.9%	44,197
4255	54.0%	46,866
4256	56.7%	49,187
4257	59.0%	51,191
4258	61.1%	52,977
4259	62.0%	53,776
4260	63.7%	55,255
4261	62.8%	54,495
4262	61.3%	53,147
4263	59.9%	52,002
4264	59.9%	51,980
4265	59.3%	51,492
4266	58.4%	50,706
4267	57.1%	49,578
4268	55.9%	48,523
4269	52.1%	45,176
4270	47.8%	41,432
4271	43.7%	37,947
4272	41.2%	35,735
4273	39.3%	34,091
4274	37.8%	32,832
4275	37.6%	32,634
4276	38.2%	33,112
4277	39.6%	34,333
4278	41.8%	36,304
4279	43.2%	37,451
4280	43.8%	38,012
4281	44.8%	38,881
4282	46.4%	40,215
4283	48.8%	42,302
4284	51.8%	44,940
4285	54.5%	47,317
4286	56.8%	49,292
4287	59.6%	51,720
4288	61.9%	53,745
4289	62.5%	54,244
4290	60.5%	52,507
4291	57.4%	49,782
4292	54.9%	47,668
4293	50.6%	43,919
4294	46.0%	39,881
4295	42.0%	36,436
4296	39.3%	34,131
4297	37.5%	32,529
4298	36.4%	31,597
4299	36.4%	31,547
4300	37.1%	32,170
4301	38.7%	33,571

4302	41.4%	35,940
4303	43.6%	37,848
4304	45.7%	39,617
4305	48.2%	41,828
4306	50.9%	44,186
4307	53.9%	46,789
4308	57.5%	49,912
4309	61.5%	53,322
4310	65.2%	56,566
4311	68.3%	59,240
4312	70.2%	60,930
4313	69.8%	60,580
4314	67.3%	58,377
4315	63.9%	55,449
4316	61.2%	53,075
4317	56.5%	48,996
4318	51.2%	44,439
4319	46.7%	40,514
4320	43.4%	37,682
4321	41.1%	35,678
4322	39.6%	34,320
4323	39.1%	33,963
4324	39.8%	34,536
4325	41.7%	36,204
4326	45.1%	39,091
4327	48.1%	41,742
4328	50.9%	44,173
4329	54.4%	47,221
4330	57.9%	50,198
4331	61.3%	53,204
4332	64.8%	56,197
4333	68.4%	59,336
4334	71.7%	62,222
4335	74.7%	64,825
4336	76.8%	66,671
4337	76.6%	66,495
4338	74.0%	64,243
4339	70.0%	60,724
4340	66.6%	57,773
4341	61.2%	53,084
4342	55.7%	48,289
4343	50.8%	44,080
4344	47.0%	40,764
4345	44.5%	38,591
4346	42.8%	37,114
4347	42.2%	36,651
4348	42.8%	37,144
4349	45.2%	39,185
4350	49.3%	42,793
4351	53.9%	46,757
4352	58.4%	50,662
4353	63.5%	55,119
4354	68.7%	59,564
4355	73.3%	63,634
4356	77.4%	67,115
4357	80.5%	69,881
4358	83.7%	72,622
4359	84.8%	73,568
4360	83.7%	72,646
4361	81.0%	70,284
4362	78.3%	67,900
4363	75.5%	65,490
4364	72.3%	62,756
4365	67.6%	58,680
4366	62.6%	54,296
4367	57.7%	50,058
4368	54.1%	46,929
4369	51.7%	44,817
4370	49.9%	43,335
4371	49.0%	42,521
4372	48.6%	42,194
4373	48.4%	42,025
4374	50.0%	43,348
4375	53.1%	46,107
4376	56.3%	48,832
4377	59.7%	51,806
4378	64.6%	56,025
4379	68.2%	59,195
4380	71.1%	61,670
4381	73.4%	63,718
4382	75.8%	65,739
4383	78.3%	67,930
4384	78.5%	68,106
4385	77.1%	66,877
4386	74.5%	64,662
4387	70.9%	61,508
4388	68.2%	59,168
4389	63.8%	55,320
4390	59.0%	51,207
4391	54.7%	47,486
4392	51.2%	44,423
4393	48.6%	42,151
4394	46.6%	40,434
4395	45.3%	39,297
4396	44.5%	38,608
4397	44.0%	38,189
4398	45.1%	39,094
4399	46.8%	40,637
4400	49.0%	42,495
4401	50.6%	43,897
4402	51.7%	44,814
4403	54.5%	47,246
4404	57.6%	50,004
4405	60.3%	52,324
4406	63.2%	54,842

4407	66.4%	57,597
4408	68.7%	59,605
4409	69.0%	59,900
4410	66.3%	57,483
4411	61.6%	53,418
4412	58.1%	50,448
4413	54.0%	46,813
4414	49.5%	42,951
4415	45.2%	39,207
4416	41.7%	36,191
4417	39.1%	33,966
4418	37.6%	32,587
4419	36.6%	31,772
4420	36.0%	31,261
4421	36.0%	31,251
4422	36.9%	32,019
4423	38.6%	33,469
4424	41.0%	35,566
4425	44.0%	38,149
4426	47.1%	40,823
4427	50.0%	43,414
4428	53.2%	46,125
4429	56.3%	48,813
4430	59.9%	51,961
4431	63.3%	54,956
4432	65.9%	57,189
4433	66.5%	57,707
4434	64.4%	55,859
4435	60.6%	52,612
4436	57.6%	49,931
4437	54.0%	46,877
4438	49.9%	43,317
4439	45.6%	39,587
4440	42.6%	36,959
4441	40.3%	34,996
4442	39.2%	34,004
4443	39.0%	33,856
4444	40.0%	34,674
4445	41.9%	36,335
4446	44.9%	38,927
4447	47.7%	41,395
4448	51.7%	44,846
4449	56.2%	48,719
4450	60.4%	52,387
4451	65.1%	56,466
4452	70.5%	61,125
4453	72.1%	62,588
4454	71.2%	61,732
4455	70.1%	60,857
4456	68.0%	58,986
4457	66.0%	57,301
4458	64.5%	55,946
4459	63.0%	54,621
4460	61.4%	53,255
4461	57.8%	50,144
4462	53.6%	46,520
4463	49.8%	43,228
4464	47.2%	40,937
4465	45.7%	39,663
4466	44.9%	38,959
4467	45.2%	39,185
4468	46.5%	40,308
4469	49.0%	42,483
4470	53.2%	46,114
4471	57.7%	50,056
4472	61.7%	53,533
4473	65.3%	56,684
4474	69.1%	59,938
4475	72.1%	62,551
4476	74.5%	64,653
4477	73.0%	63,353
4478	73.4%	63,698
4479	75.7%	65,667
4480	76.9%	66,731
4481	76.0%	65,935
4482	73.4%	63,642
4483	70.3%	61,034
4484	67.2%	58,297
4485	62.5%	54,224
4486	57.4%	49,791
4487	52.9%	45,894
4488	49.5%	42,978
4489	47.2%	40,936
4490	45.6%	39,605
4491	45.2%	39,242
4492	45.9%	39,845
4493	47.9%	41,517
4494	50.5%	43,779
4495	52.5%	45,576
4496	54.3%	47,125
4497	55.9%	48,519
4498	57.8%	50,141
4499	60.0%	52,078
4500	62.3%	54,070
4501	64.1%	55,615
4502	65.6%	56,880
4503	66.3%	57,564
4504	67.0%	58,119
4505	65.7%	57,041
4506	63.8%	55,316
4507	61.4%	53,241
4508	59.4%	51,517
4509	55.1%	47,787
4510	50.5%	43,783
4511	46.2%	40,078

4512	43.0%	37,317
4513	40.9%	35,524
4514	39.7%	34,465
4515	39.4%	34,192
4516	39.9%	34,648
4517	41.9%	36,327
4518	45.1%	39,116
4519	48.2%	41,853
4520	51.2%	44,388
4521	54.5%	47,310
4522	58.3%	50,540
4523	62.3%	54,086
4524	66.7%	57,909
4525	69.3%	60,140
4526	70.8%	61,424
4527	72.9%	63,249
4528	73.6%	63,874
4529	72.4%	62,803
4530	69.3%	60,110
4531	66.7%	57,867
4532	64.1%	55,655
4533	59.9%	51,965
4534	55.4%	48,034
4535	51.0%	44,252
4536	47.9%	41,531
4537	45.5%	39,454
4538	43.8%	38,013
4539	43.0%	37,289
4540	42.7%	37,025
4541	42.7%	37,029
4542	44.1%	38,268
4543	46.5%	40,310
4544	49.2%	42,661
4545	51.1%	44,325
4546	53.1%	46,035
4547	55.1%	47,838
4548	57.2%	49,588
4549	59.1%	51,319
4550	60.0%	52,075
4551	60.9%	52,798
4552	61.4%	53,306
4553	61.2%	53,079
4554	59.4%	51,537
4555	57.1%	49,503
4556	55.3%	47,996
4557	52.0%	45,132
4558	48.3%	41,925
4559	44.6%	38,686
4560	41.7%	36,194
4561	39.4%	34,158
4562	37.8%	32,771
4563	36.8%	31,905
4564	35.9%	31,163
4565	35.4%	30,738
4566	36.3%	31,491
4567	37.9%	32,865
4568	40.0%	34,695
4569	42.5%	36,866
4570	45.5%	39,434
4571	48.7%	42,217
4572	51.6%	44,784
4573	54.4%	47,212
4574	57.2%	49,623
4575	60.0%	52,017
4576	62.1%	53,869
4577	62.5%	54,203
4578	60.5%	52,500
4579	57.4%	49,779
4580	55.4%	48,076
4581	51.3%	44,547
4582	46.9%	40,681
4583	42.8%	37,118
4584	40.0%	34,746
4585	38.3%	33,199
4586	37.3%	32,335
4587	37.3%	32,351
4588	38.0%	32,989
4589	40.0%	34,697
4590	43.1%	37,355
4591	45.6%	39,520
4592	47.6%	41,280
4593	50.0%	43,379
4594	52.9%	45,878
4595	56.5%	48,984
4596	60.2%	52,230
4597	63.6%	55,206
4598	67.1%	58,225
4599	70.2%	60,927
4600	72.0%	62,508
4601	71.7%	62,185
4602	68.6%	59,492
4603	64.5%	55,917
4604	60.9%	52,870
4605	55.8%	48,420
4606	50.6%	43,922
4607	46.2%	40,110
4608	43.1%	37,418
4609	41.4%	35,936
4610	40.1%	34,830
4611	40.2%	34,842
4612	41.5%	35,968
4613	44.1%	38,265
4614	47.6%	41,339
4615	51.0%	44,251
4616	54.3%	47,097

4617	58.1%	50,400
4618	63.0%	54,621
4619	68.1%	59,110
4620	73.6%	63,886
4621	78.0%	67,663
4622	81.5%	70,742
4623	84.7%	73,492
4624	87.1%	75,551
4625	84.3%	73,181
4626	79.9%	69,286
4627	76.2%	66,112
4628	72.7%	63,108
4629	67.4%	58,467
4630	61.8%	53,654
4631	56.9%	49,361
4632	53.1%	46,063
4633	50.4%	43,690
4634	48.5%	42,045
4635	47.2%	40,976
4636	47.0%	40,792
4637	49.1%	42,591
4638	53.0%	45,998
4639	56.5%	49,040
4640	59.7%	51,795
4641	63.7%	55,293
4642	67.6%	58,633
4643	71.2%	61,769
4644	74.8%	64,933
4645	78.4%	68,008
4646	80.8%	70,080
4647	83.1%	72,058
4648	84.7%	73,451
4649	84.4%	73,264
4650	81.3%	70,566
4651	77.0%	66,846
4652	73.4%	63,646
4653	67.5%	58,577
4654	61.7%	53,496
4655	56.6%	49,070
4656	52.7%	45,680
4657	49.8%	43,194
4658	47.6%	41,319
4659	46.9%	40,693
4660	47.4%	41,087
4661	49.0%	42,512
4662	52.6%	45,594
4663	56.4%	48,917
4664	59.7%	51,821
4665	64.1%	55,581
4666	67.2%	58,273
4667	71.2%	61,797
4668	75.1%	65,145
4669	78.2%	67,870
4670	80.4%	69,766
4671	82.5%	71,603
4672	83.1%	72,057
4673	81.8%	70,966
4674	78.8%	68,375
4675	74.8%	64,889
4676	71.0%	61,557
4677	64.8%	56,217
4678	58.7%	50,907
4679	53.2%	46,171
4680	49.2%	42,712
4681	46.6%	40,398
4682	44.6%	38,706
4683	43.9%	38,097
4684	44.3%	38,447
4685	45.5%	39,497
4686	48.3%	41,888
4687	51.2%	44,421
4688	54.2%	46,989
4689	57.0%	49,456
4690	60.1%	52,159
4691	63.4%	54,995
4692	66.7%	57,848
4693	69.6%	60,420
4694	72.1%	62,565
4695	74.1%	64,266
4696	74.5%	64,632
4697	73.0%	63,337
4698	69.8%	60,588
4699	66.8%	57,980
4700	64.3%	55,808
4701	60.0%	52,052
4702	55.6%	48,277
4703	51.2%	44,396
4704	48.0%	41,675
4705	45.5%	39,518
4706	44.2%	38,314
4707	43.2%	37,484
4708	43.2%	37,501
4709	43.3%	37,610
4710	45.1%	39,160
4711	48.1%	41,773
4712	51.5%	44,651
4713	55.0%	47,712
4714	58.8%	50,980
4715	62.2%	54,006
4716	64.7%	56,151
4717	66.6%	57,802
4718	68.1%	59,050
4719	69.5%	60,330
4720	68.9%	59,770
4721	66.7%	57,848

4722	64.4%	55,899
4723	63.1%	54,737
4724	61.4%	53,236
4725	58.3%	50,584
4726	54.6%	47,356
4727	51.0%	44,207
4728	48.0%	41,667
4729	45.6%	39,601
4730	43.8%	37,980
4731	42.5%	36,893
4732	42.0%	36,450
4733	41.5%	36,048
4734	43.0%	37,321
4735	45.5%	39,516
4736	49.0%	42,497
4737	53.0%	46,024
4738	57.0%	49,429
4739	61.0%	52,883
4740	64.9%	56,328
4741	67.8%	58,863
4742	70.5%	61,126
4743	72.3%	62,705
4744	72.8%	63,142
4745	72.5%	62,870
4746	70.6%	61,230
4747	69.3%	60,168
4748	67.2%	58,276
4749	63.1%	54,705
4750	58.5%	50,725
4751	54.3%	47,072
4752	51.1%	44,376
4753	48.9%	42,461
4754	47.6%	41,333
4755	47.6%	41,316
4756	49.0%	42,477
4757	51.3%	44,515
4758	54.6%	47,392
4759	57.5%	49,924
4760	60.7%	52,626
4761	64.1%	55,597
4762	67.8%	58,835
4763	70.9%	61,546
4764	75.6%	65,616
4765	77.3%	67,068
4766	78.4%	68,030
4767	79.2%	68,707
4768	79.9%	69,298
4769	78.5%	68,111
4770	75.6%	65,573
4771	73.1%	63,381
4772	70.1%	60,807
4773	65.2%	56,596
4774	59.6%	51,700
4775	54.8%	47,583
4776	51.4%	44,572
4777	49.1%	42,585
4778	47.5%	41,186
4779	46.9%	40,724
4780	47.8%	41,439
4781	49.8%	43,185
4782	53.5%	46,389
4783	56.9%	49,352
4784	60.1%	52,150
4785	64.0%	55,523
4786	67.9%	58,893
4787	71.6%	62,093
4788	75.9%	65,857
4789	79.7%	69,171
4790	83.4%	72,318
4791	86.4%	74,996
4792	88.5%	76,747
4793	88.5%	76,786
4794	86.2%	74,821
4795	82.2%	71,350
4796	78.0%	67,709
4797	71.8%	62,266
4798	65.5%	56,869
4799	60.1%	52,118
4800	56.0%	48,615
4801	52.9%	45,584
4802	50.8%	44,114
4803	49.9%	43,258
4804	50.4%	43,760
4805	52.3%	45,380
4806	57.0%	49,435
4807	61.8%	53,593
4808	67.0%	58,168
4809	72.8%	63,120
4810	78.4%	68,023
4811	83.4%	72,396
4812	87.2%	75,689
4813	90.0%	78,084
4814	92.5%	80,219
4815	94.4%	81,880
4816	95.5%	82,850
4817	94.9%	82,340
4818	92.1%	79,914
4819	88.6%	76,831
4820	84.1%	72,954
4821	77.2%	67,005
4822	70.4%	61,089
4823	64.4%	55,842
4824	60.2%	52,235
4825	57.0%	49,470
4826	55.0%	47,689

4827	54.1%	46,951
4828	54.7%	47,485
4829	56.9%	49,366
4830	61.9%	53,683
4831	67.1%	58,216
4832	72.6%	62,975
4833	77.8%	67,493
4834	82.8%	71,811
4835	87.1%	75,535
4836	89.1%	77,265
4837	91.1%	79,072
4838	93.1%	80,742
4839	93.7%	81,311
4840	94.7%	82,158
4841	94.1%	81,600
4842	91.6%	79,441
4843	87.4%	75,841
4844	83.4%	72,394
4845	77.4%	67,148
4846	71.3%	61,845
4847	65.6%	56,893
4848	61.4%	53,235
4849	57.8%	50,158
4850	55.2%	47,922
4851	54.2%	46,994
4852	54.1%	46,900
4853	55.3%	48,000
4854	59.5%	51,593
4855	64.2%	55,734
4856	69.2%	60,044
4857	73.8%	64,066
4858	78.0%	67,639
4859	81.3%	70,523
4860	84.4%	73,245
4861	87.5%	75,916
4862	90.1%	78,151
4863	92.0%	79,823
4864	92.6%	80,297
4865	89.0%	77,177
4866	85.4%	74,122
4867	81.5%	70,744
4868	77.6%	67,347
4869	72.1%	62,541
4870	66.8%	57,952
4871	61.8%	53,651
4872	58.0%	50,360
4873	54.9%	47,645
4874	52.7%	45,727
4875	51.2%	44,429
4876	50.3%	43,650
4877	50.1%	43,484
4878	53.0%	46,008
4879	57.7%	50,071
4880	63.0%	54,699
4881	68.2%	59,145
4882	72.6%	63,026
4883	76.5%	66,402
4884	79.9%	69,362
4885	82.8%	71,853
4886	85.6%	74,277
4887	88.3%	76,641
4888	90.1%	78,188
4889	90.0%	78,113
4890	87.3%	75,699
4891	83.5%	72,455
4892	79.7%	69,145
4893	74.5%	64,613
4894	68.9%	59,760
4895	63.7%	55,266
4896	59.4%	51,554
4897	56.2%	48,798
4898	53.7%	46,583
4899	51.9%	45,011
4900	50.6%	43,901
4901	49.8%	43,207
4902	51.9%	44,996
4903	55.9%	48,529
4904	60.8%	52,752
4905	66.2%	57,478
4906	71.5%	62,003
4907	76.0%	65,962
4908	80.0%	69,451
4909	83.9%	72,768
4910	87.0%	75,511
4911	89.9%	78,019
4912	92.2%	80,013
4913	92.5%	80,257
4914	90.2%	78,282
4915	87.4%	75,819
4916	83.4%	72,380
4917	77.5%	67,215
4918	72.2%	62,606
4919	67.7%	58,716
4920	64.2%	55,734
4921	61.9%	53,705
4922	60.5%	52,464
4923	59.9%	52,003
4924	60.7%	52,646
4925	62.4%	54,177
4926	65.9%	57,189
4927	70.1%	60,817
4928	73.5%	63,781
4929	76.8%	66,670
4930	80.5%	69,855
4931	80.9%	70,217

4932	79.9%	69,358
4933	80.1%	69,506
4934	82.5%	71,587
4935	82.5%	71,620
4936	83.4%	72,368
4937	83.4%	72,396
4938	81.3%	70,513
4939	78.4%	68,040
4940	75.1%	65,123
4941	69.6%	60,402
4942	63.9%	55,421
4943	59.0%	51,223
4944	55.2%	47,865
4945	52.1%	45,186
4946	49.6%	43,059
4947	48.5%	42,091
4948	48.5%	42,069
4949	49.6%	42,996
4950	52.0%	45,157
4951	53.9%	46,780
4952	56.2%	48,802
4953	59.1%	51,286
4954	61.2%	53,099
4955	62.3%	54,026
4956	62.8%	54,444
4957	62.7%	54,373
4958	63.9%	55,422
4959	65.2%	56,567
4960	66.4%	57,595
4961	65.8%	57,091
4962	64.1%	55,655
4963	62.7%	54,394
4964	60.5%	52,529
4965	56.1%	48,656
4966	51.5%	44,675
4967	47.4%	41,164
4968	44.3%	38,449
4969	42.7%	37,010
4970	41.7%	36,136
4971	41.7%	36,193
4972	43.1%	37,369
4973	45.0%	39,015
4974	48.0%	41,620
4975	51.0%	44,290
4976	54.1%	46,933
4977	57.7%	50,067
4978	61.9%	53,740
4979	65.0%	56,407
4980	69.4%	60,251
4981	72.9%	63,205
4982	76.2%	66,092
4983	76.8%	66,673
4984	76.7%	66,566
4985	75.4%	65,377
4986	73.3%	63,572
4987	71.7%	62,195
4988	69.1%	59,918
4989	64.4%	55,869
4990	59.2%	51,402
4991	54.8%	47,543
4992	51.6%	44,729
4993	49.6%	43,074
4994	48.2%	41,821
4995	48.1%	41,752
4996	49.3%	42,804
4997	51.4%	44,555
4998	55.0%	47,746
4999	58.9%	51,114
5000	62.9%	54,596
5001	67.8%	58,793
5002	72.3%	62,709
5003	76.3%	66,184
5004	80.6%	69,890
5005	83.4%	72,355
5006	86.0%	74,591
5007	88.5%	76,782
5008	88.3%	76,623
5009	85.9%	74,527
5010	82.7%	71,769
5011	79.8%	69,215
5012	75.6%	65,564
5013	70.1%	60,793
5014	64.2%	55,690
5015	58.9%	51,139
5016	55.0%	47,678
5017	51.9%	45,048
5018	49.9%	43,266
5019	48.9%	42,402
5020	49.4%	42,821
5021	50.8%	44,053
5022	54.1%	46,957
5023	57.5%	49,852
5024	60.6%	52,573
5025	64.6%	56,008
5026	66.6%	57,822
5027	68.7%	59,625
5028	71.6%	62,114
5029	74.1%	64,331
5030	75.9%	65,814
5031	76.2%	66,128
5032	75.2%	65,202
5033	72.6%	63,012
5034	69.7%	60,491
5035	68.0%	59,017
5036	66.0%	57,258

5037	61.9%	53,741
5038	57.9%	50,260
5039	54.1%	46,896
5040	50.9%	44,168
5041	48.6%	42,163
5042	47.0%	40,762
5043	46.1%	40,012
5044	45.7%	39,631
5045	45.2%	39,245
5046	47.0%	40,793
5047	49.8%	43,238
5048	52.8%	45,816
5049	55.7%	48,282
5050	58.4%	50,686
5051	61.1%	52,996
5052	64.2%	55,695
5053	66.8%	57,963
5054	69.9%	60,660
5055	72.9%	63,250
5056	75.1%	65,152
5057	75.0%	65,112
5058	72.3%	62,693
5059	68.3%	59,272
5060	64.6%	56,040
5061	60.0%	52,031
5062	54.9%	47,652
5063	50.4%	43,711
5064	46.8%	40,612
5065	44.0%	38,199
5066	42.1%	36,514
5067	40.8%	35,359
5068	40.0%	34,730
5069	39.5%	34,241
5070	41.2%	35,733
5071	44.3%	38,450
5072	48.0%	41,627
5073	52.0%	45,118
5074	55.4%	48,036
5075	59.6%	51,697
5076	63.9%	55,433
5077	67.2%	58,280
5078	70.3%	60,978
5079	72.0%	62,507
5080	72.6%	62,987
5081	70.6%	61,280
5082	68.5%	59,396
5083	67.4%	58,434
5084	64.7%	56,153
5085	60.5%	52,472
5086	55.7%	48,362
5087	51.6%	44,751
5088	48.5%	42,087
5089	46.2%	40,054
5090	44.7%	38,750
5091	44.3%	38,451
5092	45.5%	39,492
5093	47.4%	41,123
5094	49.9%	43,323
5095	52.3%	45,377
5096	54.0%	46,892
5097	55.2%	47,911
5098	55.9%	48,528
5099	56.7%	49,174
5100	57.1%	49,562
5101	57.6%	49,992
5102	58.0%	50,354
5103	59.0%	51,219
5104	60.7%	52,661
5105	61.9%	53,682
5106	61.6%	53,458
5107	60.4%	52,384
5108	58.1%	50,366
5109	54.2%	47,067
5110	50.0%	43,416
5111	46.4%	40,263
5112	43.7%	37,896
5113	42.0%	36,454
5114	41.2%	35,779
5115	41.6%	36,122
5116	43.2%	37,490
5117	45.4%	39,372
5118	48.9%	42,397
5119	52.7%	45,704
5120	56.6%	49,095
5121	61.8%	53,597
5122	67.2%	58,323
5123	72.4%	62,777
5124	76.5%	66,350
5125	80.3%	69,685
5126	83.3%	72,272
5127	86.0%	74,591
5128	87.8%	76,194
5129	87.3%	75,756
5130	84.0%	72,851
5131	79.9%	69,355
5132	75.2%	65,221
5133	69.1%	59,986
5134	63.4%	54,969
5135	57.6%	50,015
5136	53.4%	46,304
5137	49.9%	43,337
5138	47.7%	41,389
5139	46.7%	40,489
5140	46.8%	40,641
5141	48.2%	41,855

S142	51.5%	44,675
S143	55.0%	47,738
S144	58.4%	50,625
S145	62.2%	53,937
S146	66.4%	57,625
S147	69.8%	60,583
S148	73.6%	63,893
S149	77.3%	67,107
S150	81.0%	70,249
S151	84.1%	72,952
S152	86.3%	74,873
S153	85.9%	74,569
S154	82.8%	71,856
S155	78.6%	68,168
S156	74.1%	64,261
S157	67.7%	58,754
S158	61.8%	53,650
S159	56.4%	48,972
S160	52.6%	45,654
S161	49.7%	43,128
S162	47.8%	41,493
S163	47.1%	40,898
S164	47.9%	41,569
S165	49.6%	43,012
S166	53.5%	46,391
S167	58.3%	50,621
S168	64.1%	55,634
S169	70.1%	60,792
S170	76.0%	65,957
S171	81.7%	70,876
S172	86.5%	75,061
S173	90.0%	78,080
S174	92.7%	80,468
S175	94.7%	82,192
S176	96.2%	83,430
S177	95.3%	82,721
S178	91.9%	79,760
S179	87.8%	76,162
S180	81.4%	70,648
S181	74.2%	64,387
S182	67.6%	58,690
S183	62.3%	54,024
S184	58.1%	50,441
S185	55.0%	47,743
S186	52.9%	45,936
S187	52.1%	45,224
S188	52.8%	45,840
S189	53.9%	46,768
S190	56.4%	48,938
S191	59.9%	51,992
S192	62.9%	54,556
S193	65.5%	56,785
S194	70.0%	60,693
S195	74.0%	64,214
S196	78.4%	68,058
S197	80.8%	70,061
S198	84.4%	73,196
S199	88.1%	76,423
S200	89.1%	77,321
S201	86.7%	75,178
S202	82.5%	71,546
S203	79.0%	68,561
S204	74.9%	64,966
S205	69.8%	60,589
S206	64.8%	56,213
S207	59.9%	51,950
S208	55.9%	48,464
S209	52.9%	45,927
S210	50.7%	43,950
S211	49.2%	42,659
S212	48.6%	42,162
S213	48.4%	41,989
S214	50.9%	44,201
S215	55.1%	47,795
S216	59.9%	51,954
S217	65.0%	56,368
S218	69.7%	60,495
S219	73.4%	63,682
S220	76.4%	66,299
S221	79.4%	68,847
S222	82.0%	71,186
S223	84.5%	73,343
S224	85.6%	74,290
S225	84.5%	73,276
S226	82.0%	71,102
S227	79.6%	69,021
S228	76.5%	66,404
S229	72.0%	62,493
S230	67.4%	58,476
S231	63.1%	54,776
S232	59.8%	51,875
S233	57.2%	49,621
S234	55.5%	48,151
S235	54.1%	46,968
S236	53.3%	46,268
S237	52.4%	45,471
S238	53.8%	46,659
S239	57.0%	49,410
S240	61.9%	53,690
S241	67.5%	58,589
S242	72.7%	63,039
S243	76.8%	66,636
S244	80.0%	69,375
S245	81.5%	70,707
S246	81.5%	70,684

5247	84.8%	73,573
5248	87.7%	76,126
5249	87.9%	76,238
5250	85.0%	73,780
5251	82.2%	71,316
5252	78.4%	67,988
5253	73.0%	63,344
5254	67.4%	58,517
5255	62.7%	54,385
5256	59.2%	51,324
5257	56.7%	49,205
5258	55.2%	47,875
5259	55.0%	47,683
5260	56.1%	48,638
5261	57.9%	50,194
5262	62.0%	53,799
5263	66.5%	57,716
5264	71.4%	61,952
5265	76.5%	66,405
5266	81.1%	70,364
5267	84.9%	73,651
5268	88.4%	76,701
5269	91.2%	79,130
5270	93.4%	81,060
5271	94.7%	82,145
5272	95.4%	82,748
5273	95.0%	82,388
5274	92.4%	80,141
5275	89.5%	77,657
5276	84.8%	73,574
5277	79.0%	68,500
5278	73.4%	63,652
5279	68.4%	59,373
5280	64.8%	56,262
5281	62.1%	53,899
5282	60.3%	52,297
5283	59.8%	51,904
5284	60.5%	52,524
5285	62.0%	53,790
5286	65.9%	57,216
5287	70.7%	61,313
5288	75.7%	65,647
5289	81.0%	70,299
5290	85.8%	74,443
5291	90.8%	78,752
5292	94.3%	81,842
5293	96.9%	84,062
5294	97.8%	84,890
5295	99.0%	85,934
5296	100.0%	86,760
5297	97.1%	84,249
5298	92.1%	79,880
5299	88.9%	77,094
5300	84.3%	73,105
5301	77.9%	67,619
5302	71.7%	62,222
5303	66.8%	57,939
5304	62.5%	54,244
5305	58.6%	50,849
5306	56.2%	48,777
5307	55.1%	47,785
5308	55.1%	47,789
5309	55.8%	48,386
5310	58.5%	50,746
5311	61.3%	53,158
5312	63.8%	55,360
5313	66.3%	57,490
5314	69.4%	60,210
5315	73.7%	63,946
5316	77.4%	67,171
5317	79.5%	68,984
5318	81.6%	70,784
5319	83.7%	72,592
5320	84.3%	73,168
5321	82.7%	71,746
5322	79.4%	68,873
5323	76.7%	66,512
5324	72.7%	63,075
5325	67.6%	58,655
5326	62.3%	54,092
5327	57.7%	50,026
5328	54.2%	46,986
5329	51.9%	45,015
5330	50.4%	43,728
5331	50.0%	43,387
5332	50.9%	44,204
5333	52.6%	45,647
5334	54.5%	47,258
5335	56.1%	48,696
5336	58.0%	50,322
5337	61.3%	53,188
5338	64.9%	56,339
5339	68.4%	59,326
5340	72.4%	62,835
5341	75.8%	65,722
5342	79.1%	68,609
5343	81.7%	70,881
5344	83.3%	72,250
5345	82.3%	71,447
5346	78.8%	68,329
5347	75.2%	65,280
5348	71.0%	61,583
5349	65.4%	56,700
5350	59.6%	51,736
5351	54.5%	47,319

5352	50.7%	43,955
5353	47.8%	41,506
5354	46.0%	39,948
5355	45.6%	39,596
5356	46.3%	40,154
5357	47.4%	41,101
5358	49.1%	42,629
5359	51.4%	44,560
5360	52.6%	45,600
5361	54.1%	46,914
5362	56.5%	49,002
5363	59.6%	51,722
5364	63.1%	54,769
5365	66.1%	57,366
5366	68.6%	59,476
5367	70.5%	61,183
5368	71.6%	62,103
5369	70.6%	61,283
5370	67.0%	58,173
5371	63.2%	54,823
5372	59.0%	51,162
5373	54.3%	47,077
5374	49.5%	42,960
5375	45.4%	39,431
5376	42.1%	36,515
5377	39.8%	34,516
5378	38.3%	33,266
5379	37.5%	32,497
5380	37.3%	32,397
5381	37.1%	32,173
5382	37.9%	32,918
5383	39.1%	33,899
5384	40.1%	34,826
5385	41.4%	35,877
5386	42.9%	37,255
5387	44.8%	38,875
5388	46.6%	40,432
5389	49.1%	42,615
5390	52.6%	45,625
5391	56.2%	48,771
5392	59.2%	51,365
5393	60.0%	52,050
5394	57.5%	49,920
5395	55.1%	47,764
5396	52.3%	45,337
5397	48.9%	42,423
5398	45.4%	39,402
5399	42.1%	36,490
5400	39.5%	34,228
5401	37.6%	32,653
5402	36.4%	31,575
5403	35.8%	31,058
5404	35.7%	30,962
5405	35.2%	30,508
5406	35.9%	31,115
5407	37.3%	32,402
5408	39.3%	34,129
5409	42.0%	36,440
5410	45.2%	39,252
5411	47.3%	41,044
5412	49.8%	43,202
5413	53.3%	46,261
5414	56.5%	49,034
5415	59.7%	51,780
5416	62.0%	53,767
5417	62.2%	53,926
5418	59.6%	51,695
5419	57.3%	49,706
5420	54.4%	47,172
5421	50.4%	43,700
5422	46.3%	40,209
5423	42.6%	36,935
5424	40.2%	34,880
5425	38.5%	33,386
5426	37.7%	32,695
5427	37.8%	32,804
5428	39.1%	33,963
5429	40.6%	35,206
5430	43.0%	37,278
5431	45.5%	39,513
5432	47.6%	41,285
5433	50.2%	43,516
5434	52.7%	45,744
5435	55.2%	47,906
5436	57.9%	50,231
5437	60.6%	52,545
5438	63.1%	54,741
5439	65.8%	57,100
5440	67.5%	58,558
5441	66.8%	57,986
5442	63.7%	55,279
5443	60.7%	52,667
5444	56.8%	49,277
5445	52.1%	45,184
5446	47.4%	41,129
5447	43.5%	37,729
5448	41.0%	35,553
5449	39.2%	33,984
5450	38.1%	33,097
5451	38.2%	33,131
5452	39.4%	34,204
5453	41.0%	35,571
5454	43.2%	37,515
5455	45.3%	39,304
5456	47.5%	41,172

5457	49.0%	42,552
5458	50.7%	43,958
5459	52.4%	45,487
5460	55.5%	48,119
5461	58.9%	51,125
5462	62.3%	54,016
5463	65.4%	56,742
5464	67.6%	58,675
5465	67.3%	58,402
5466	64.3%	55,818
5467	62.0%	53,756
5468	58.4%	50,674
5469	53.6%	46,500
5470	49.1%	42,640
5471	45.0%	39,031
5472	42.4%	36,751
5473	40.7%	35,282
5474	39.6%	34,314
5475	39.4%	34,165
5476	40.4%	35,068
5477	41.9%	36,344
5478	44.0%	38,166
5479	45.9%	39,864
5480	47.9%	41,555
5481	49.8%	43,193
5482	51.8%	44,905
5483	54.0%	46,818
5484	56.9%	49,385
5485	58.7%	50,912
5486	59.6%	51,730
5487	60.7%	52,638
5488	61.8%	53,646
5489	61.4%	53,310
5490	59.6%	51,718
5491	58.5%	50,717
5492	55.3%	48,003
5493	51.2%	44,446
5494	47.3%	41,004
5495	43.7%	37,909
5496	40.9%	35,449
5497	39.1%	33,937
5498	38.0%	32,954
5499	37.8%	32,755
5500	38.9%	33,731
5501	40.5%	35,122
5502	42.7%	37,057
5503	44.8%	38,826
5504	46.6%	40,445
5505	49.0%	42,541
5506	52.2%	45,253
5507	56.1%	48,691
5508	60.3%	52,300
5509	64.6%	56,005
5510	67.7%	58,770
5511	69.8%	60,590
5512	70.9%	61,508
5513	69.8%	60,595
5514	67.1%	58,222
5515	64.7%	56,148
5516	60.7%	52,621
5517	55.5%	48,171
5518	50.6%	43,878
5519	46.4%	40,241
5520	43.4%	37,613
5521	41.2%	35,754
5522	39.9%	34,619
5523	39.6%	34,396
5524	40.4%	35,075
5525	42.0%	36,437
5526	44.4%	38,537
5527	47.5%	41,222
5528	50.8%	44,108
5529	54.8%	47,529
5530	59.5%	51,629
5531	64.3%	55,803
5532	69.1%	59,975
5533	72.8%	63,165
5534	75.2%	65,201
5535	77.3%	67,028
5536	78.5%	68,101
5537	76.5%	66,371
5538	73.0%	63,338
5539	70.1%	60,838
5540	66.4%	57,590
5541	61.6%	53,428
5542	56.7%	49,222
5543	52.2%	45,322
5544	48.8%	42,369
5545	46.3%	40,176
5546	44.5%	38,622
5547	43.3%	37,568
5548	43.1%	37,355
5549	43.1%	37,354
5550	43.9%	38,112
5551	47.0%	40,762
5552	51.5%	44,648
5553	56.3%	48,826
5554	61.8%	53,610
5555	66.4%	57,584
5556	69.4%	60,176
5557	72.0%	62,449
5558	74.3%	64,428
5559	76.1%	66,012
5560	76.2%	66,116
5561	74.1%	64,329

5562	70.6%	61,270
5563	67.9%	58,886
5564	63.8%	55,328
5565	59.1%	51,307
5566	54.4%	47,725
5567	50.0%	43,384
5568	46.5%	40,309
5569	44.0%	38,156
5570	42.2%	36,654
5571	41.3%	35,853
5572	41.0%	35,590
5573	40.6%	35,190
5574	41.6%	36,066
5575	44.6%	38,731
5576	48.4%	42,001
5577	52.3%	45,373
5578	56.6%	49,133
5579	58.6%	50,837
5580	60.7%	52,672
5581	64.4%	55,915
5582	66.5%	57,695
5583	67.5%	58,544
5584	67.6%	58,675
5585	66.1%	57,329
5586	64.5%	55,929
5587	63.6%	55,154
5588	61.0%	52,920
5589	57.5%	49,849
5590	53.6%	46,545
5591	50.0%	43,403
5592	47.7%	41,345
5593	46.0%	39,938
5594	45.2%	39,196
5595	45.5%	39,455
5596	47.2%	40,938
5597	49.4%	42,885
5598	51.8%	44,916
5599	54.5%	47,270
5600	57.0%	49,422
5601	58.3%	50,619
5602	59.4%	51,531
5603	59.8%	51,922
5604	62.3%	54,077
5605	65.4%	56,741
5606	67.6%	58,659
5607	68.3%	59,298
5608	69.3%	60,119
5609	68.4%	59,369
5610	66.4%	57,620
5611	64.4%	55,907
5612	61.1%	52,979
5613	57.0%	49,461
5614	52.8%	45,839
5615	48.8%	42,304
5616	46.0%	39,921
5617	44.3%	38,416
5618	43.2%	37,520
5619	43.3%	37,527
5620	44.6%	38,689
5621	46.7%	40,528
5622	49.1%	42,580
5623	51.9%	45,049
5624	54.8%	47,521
5625	58.2%	50,479
5626	62.2%	53,960
5627	65.7%	57,017
5628	69.0%	59,876
5629	71.9%	62,405
5630	74.0%	64,168
5631	76.2%	66,109
5632	77.9%	67,557
5633	76.6%	66,469
5634	72.7%	63,063
5635	69.5%	60,299
5636	65.1%	56,459
5637	59.7%	51,776
5638	54.5%	47,287
5639	49.6%	43,057
5640	46.4%	40,236
5641	44.0%	38,197
5642	42.7%	37,011
5643	42.3%	36,700
5644	43.5%	37,706
5645	45.2%	39,255
5646	48.0%	41,684
5647	51.3%	44,506
5648	54.1%	46,933
5649	57.6%	50,008
5650	61.9%	53,727
5651	66.0%	57,250
5652	69.9%	60,635
5653	73.3%	63,595
5654	76.3%	66,208
5655	79.2%	68,681
5656	80.7%	70,023
5657	79.2%	68,696
5658	75.0%	65,043
5659	71.4%	61,914
5660	66.3%	57,546
5661	60.6%	52,594
5662	55.2%	47,852
5663	50.2%	43,521
5664	46.5%	40,373
5665	44.3%	38,418
5666	42.6%	36,986

5667	42.2%	36,582
5668	43.3%	37,563
5669	44.7%	38,803
5670	47.4%	41,157
5671	50.6%	43,915
5672	54.0%	46,882
5673	58.3%	50,556
5674	63.0%	54,670
5675	67.6%	58,619
5676	72.2%	62,679
5677	76.0%	65,968
5678	78.9%	68,450
5679	81.3%	70,509
5680	81.3%	70,566
5681	78.4%	68,049
5682	74.9%	64,950
5683	72.2%	62,640
5684	67.8%	58,819
5685	62.6%	54,346
5686	57.6%	49,951
5687	53.0%	45,966
5688	49.6%	43,071
5689	47.2%	40,935
5690	45.6%	39,552
5691	45.1%	39,132
5692	46.1%	39,987
5693	47.7%	41,395
5694	50.5%	43,774
5695	54.4%	47,233
5696	58.7%	50,921
5697	63.2%	54,874
5698	68.2%	59,196
5699	73.8%	64,055
5700	77.2%	66,944
5701	79.1%	68,644
5702	81.1%	70,369
5703	82.1%	71,261
5704	82.2%	71,283
5705	80.4%	69,770
5706	77.1%	66,881
5707	73.8%	64,052
5708	69.5%	60,277
5709	64.5%	55,943
5710	59.6%	51,724
5711	55.1%	47,836
5712	51.7%	44,851
5713	49.1%	42,576
5714	47.2%	40,929
5715	45.7%	39,676
5716	45.4%	39,366
5717	45.3%	39,301
5718	46.6%	40,417
5719	50.0%	43,358
5720	53.7%	46,599
5721	57.8%	50,116
5722	61.6%	53,425
5723	65.5%	56,794
5724	69.2%	60,009
5725	71.8%	62,287
5726	74.1%	64,289
5727	76.2%	66,151
5728	76.3%	66,159
5729	74.0%	64,179
5730	71.2%	61,774
5731	69.1%	59,953
5732	65.8%	57,052
5733	61.8%	53,658
5734	57.6%	49,935
5735	53.5%	46,417
5736	50.3%	43,680
5737	48.2%	41,822
5738	46.8%	40,578
5739	46.1%	39,993
5740	46.1%	40,023
5741	46.3%	40,151
5742	46.7%	40,522
5743	48.8%	42,358
5744	51.4%	44,636
5745	53.9%	46,729
5746	56.4%	48,930
5747	58.9%	51,129
5748	61.5%	53,391
5749	63.4%	54,977
5750	65.0%	56,419
5751	66.7%	57,850
5752	67.7%	58,763
5753	67.3%	58,353
5754	65.6%	56,948
5755	64.5%	55,984
5756	61.9%	53,688
5757	58.4%	50,695
5758	54.7%	47,443
5759	51.2%	44,392
5760	48.8%	42,299
5761	47.1%	40,836
5762	46.1%	39,971
5763	46.1%	40,004
5764	47.7%	41,347
5765	49.9%	43,287
5766	52.7%	45,729
5767	56.4%	48,902
5768	59.3%	51,412
5769	62.7%	54,410
5770	67.0%	58,098
5771	70.9%	61,509

5772	75.0%	65,085
5773	79.0%	68,524
5774	82.0%	71,121
5775	84.0%	72,856
5776	85.0%	73,727
5777	83.0%	72,011
5778	79.2%	68,695
5779	76.1%	66,026
5780	71.1%	61,644
5781	65.4%	56,699
5782	59.8%	51,864
5783	55.1%	47,768
5784	51.6%	44,775
5785	49.4%	42,897
5786	48.5%	42,045
5787	48.8%	42,316
5788	50.6%	43,940
5789	53.3%	46,223
5790	55.8%	48,400
5791	59.0%	51,183
5792	62.1%	53,892
5793	66.1%	57,339
5794	71.5%	62,011
5795	76.1%	65,987
5796	80.8%	70,090
5797	83.9%	72,782
5798	86.3%	74,875
5799	88.0%	76,349
5800	88.4%	76,684
5801	84.9%	73,695
5802	81.1%	70,371
5803	77.1%	66,928
5804	70.9%	61,472
5805	64.7%	56,115
5806	59.4%	51,554
5807	54.9%	47,633
5808	51.6%	44,744
5809	48.9%	42,430
5810	47.2%	40,918
5811	46.3%	40,139
5812	47.0%	40,775
5813	48.5%	42,086
5814	50.8%	44,048
5815	53.4%	46,369
5816	55.6%	48,207
5817	58.0%	50,358
5818	61.1%	53,047
5819	64.1%	55,580
5820	66.0%	57,268
5821	67.6%	58,687
5822	69.6%	60,370
5823	71.4%	61,914
5824	71.9%	62,343
5825	70.0%	60,722
5826	66.2%	57,435
5827	62.7%	54,430
5828	58.4%	50,628
5829	53.3%	46,231
5830	48.6%	42,187
5831	44.7%	38,754
5832	41.9%	36,371
5833	40.2%	34,889
5834	39.0%	33,839
5835	39.0%	33,846
5836	40.3%	34,971
5837	42.3%	36,668
5838	44.7%	38,786
5839	46.7%	40,535
5840	48.6%	42,137
5841	50.8%	44,079
5842	53.6%	46,470
5843	56.7%	49,218
5844	60.5%	52,533
5845	64.7%	56,103
5846	68.5%	59,405
5847	71.5%	62,066
5848	73.2%	63,487
5849	71.5%	62,056
5850	67.3%	58,422
5851	63.7%	55,244
5852	59.0%	51,187
5853	53.6%	46,492
5854	48.6%	42,166
5855	44.3%	38,426
5856	41.2%	35,733
5857	39.2%	33,969
5858	37.8%	32,830
5859	37.5%	32,518
5860	38.6%	33,448
5861	40.1%	34,805
5862	41.5%	35,980
5863	43.2%	37,467
5864	44.0%	38,135
5865	45.1%	39,105
5866	46.7%	40,524
5867	48.9%	42,399
5868	51.9%	45,008
5869	55.0%	47,747
5870	58.3%	50,566
5871	61.5%	53,341
5872	63.3%	54,891
5873	61.6%	53,479
5874	58.9%	51,097
5875	56.7%	49,173
5876	53.3%	46,265

5877	49.8%	43,203
5878	46.0%	39,871
5879	42.6%	36,965
5880	39.8%	34,551
5881	38.5%	33,378
5882	37.3%	32,359
5883	36.7%	31,818
5884	36.7%	31,837
5885	37.0%	32,067
5886	37.5%	32,553
5887	39.5%	34,240
5888	41.5%	36,010
5889	44.3%	38,449
5890	46.9%	40,710
5891	50.1%	43,467
5892	53.8%	46,660
5893	57.2%	49,610
5894	59.3%	51,456
5895	60.7%	52,677
5896	62.1%	53,891
5897	61.1%	52,985
5898	58.9%	51,143
5899	57.2%	49,618
5900	54.4%	47,220
5901	51.3%	44,487
5902	48.2%	41,789
5903	44.8%	38,831
5904	42.4%	36,819
5905	40.6%	35,226
5906	39.4%	34,177
5907	38.8%	33,694
5908	38.7%	33,612
5909	38.9%	33,744
5910	39.3%	34,139
5911	41.6%	36,090
5912	44.5%	38,608
5913	48.5%	42,067
5914	52.9%	45,924
5915	57.9%	50,267
5916	63.5%	55,056
5917	66.7%	57,877
5918	69.1%	59,979
5919	70.9%	61,487
5920	71.7%	62,175
5921	70.8%	61,396
5922	68.4%	59,333
5923	66.1%	57,354
5924	62.7%	54,369
5925	58.8%	50,990
5926	54.4%	47,175
5927	50.6%	43,925
5928	47.6%	41,320
5929	45.5%	39,456
5930	44.0%	38,169
5931	43.3%	37,587
5932	43.7%	37,891
5933	44.1%	38,283
5934	44.3%	38,462
5935	46.1%	39,965
5936	49.0%	42,486
5937	53.3%	46,244
5938	57.8%	50,144
5939	62.5%	54,247
5940	66.9%	58,052
5941	69.4%	60,231
5942	71.1%	61,650
5943	72.0%	62,436
5944	71.3%	61,886
5945	69.4%	60,203
5946	68.3%	59,236
5947	66.3%	57,490
5948	62.4%	54,160
5949	57.8%	50,163
5950	53.2%	46,176
5951	49.6%	43,050
5952	47.0%	40,761
5953	45.4%	39,396
5954	44.6%	38,692
5955	44.9%	38,967
5956	46.9%	40,682
5957	50.2%	43,584
5958	53.3%	46,236
5959	55.5%	48,117
5960	56.5%	49,030
5961	57.0%	49,459
5962	56.7%	49,184
5963	55.9%	48,479
5964	55.0%	47,747
5965	55.1%	47,815
5966	55.3%	47,972
5967	55.9%	48,519
5968	56.4%	48,959
5969	56.2%	48,744
5970	56.4%	48,961
5971	55.3%	47,997
5972	53.0%	45,960
5973	49.6%	42,991
5974	45.9%	39,861
5975	42.9%	37,238
5976	40.8%	35,437
5977	39.5%	34,232
5978	38.8%	33,700
5979	39.0%	33,796
5980	40.7%	35,333
5981	43.9%	38,071

5982	46.1%	39,992
5983	47.8%	41,476
5984	49.1%	42,624
5985	49.6%	42,994
5986	50.2%	43,559
5987	50.3%	43,670
5988	51.0%	44,216
5989	51.6%	44,787
5990	51.9%	45,044
5991	52.5%	45,580
5992	52.9%	45,901
5993	52.9%	45,936
5994	53.7%	46,602
5995	52.8%	45,847
5996	50.3%	43,646
5997	47.0%	40,818
5998	43.5%	37,765
5999	40.5%	35,165
6000	38.7%	33,574
6001	37.5%	32,558
6002	36.8%	31,892
6003	36.9%	32,017
6004	38.4%	33,276
6005	41.2%	35,740
6006	43.4%	37,636
6007	44.4%	38,499
6008	45.1%	39,157
6009	47.0%	40,772
6010	48.3%	41,886
6011	49.8%	43,179
6012	51.3%	44,521
6013	53.3%	46,285
6014	55.7%	48,360
6015	58.3%	50,586
6016	60.0%	52,040
6017	59.3%	51,471
6018	57.6%	49,970
6019	55.6%	48,245
6020	52.1%	45,235
6021	47.7%	41,398
6022	43.6%	37,806
6023	40.1%	34,814
6024	37.8%	32,802
6025	36.5%	31,666
6026	35.8%	31,028
6027	35.8%	31,054
6028	37.2%	32,287
6029	39.8%	34,524
6030	41.4%	35,932
6031	42.2%	36,575
6032	42.7%	37,013
6033	43.3%	37,603
6034	44.8%	38,836
6035	46.6%	40,437
6036	49.4%	42,878
6037	52.6%	45,593
6038	56.1%	48,652
6039	59.1%	51,288
6040	60.4%	52,388
6041	58.9%	51,075
6042	56.6%	49,111
6043	54.3%	47,145
6044	51.1%	44,337
6045	47.4%	41,152
6046	43.7%	37,938
6047	40.4%	35,084
6048	38.0%	32,927
6049	36.4%	31,546
6050	35.3%	30,665
6051	34.7%	30,137
6052	35.0%	30,369
6053	35.6%	30,876
6054	35.9%	31,112
6055	37.0%	32,136
6056	38.1%	33,097
6057	39.8%	34,550
6058	42.1%	36,567
6059	44.9%	38,917
6060	48.4%	42,000
6061	52.4%	45,442
6062	56.0%	48,582
6063	59.0%	51,175
6064	60.1%	52,131
6065	58.2%	50,479
6066	57.0%	49,414
6067	55.3%	47,971
6068	52.7%	45,700
6069	49.7%	43,087
6070	46.5%	40,339
6071	43.2%	37,522
6072	41.1%	35,650
6073	39.5%	34,263
6074	38.4%	33,329
6075	37.9%	32,870
6076	38.0%	33,006
6077	38.5%	33,367
6078	38.9%	33,725
6079	40.7%	35,291
6080	43.6%	37,791
6081	45.7%	39,688
6082	47.0%	40,758
6083	48.1%	41,765
6084	49.3%	42,760
6085	49.9%	43,251
6086	50.3%	43,604

6087	50.3%	43,649
6088	50.9%	44,187
6089	51.3%	44,468
6090	52.0%	45,124
6091	51.5%	44,639
6092	49.9%	43,262
6093	47.2%	40,991
6094	44.6%	38,666
6095	42.1%	36,500
6096	40.4%	35,076
6097	39.5%	34,309
6098	39.1%	33,915
6099	39.6%	34,364
6100	41.8%	36,275
6101	45.2%	39,214
6102	47.8%	41,477
6103	49.5%	42,979
6104	50.9%	44,167
6105	52.4%	45,485
6106	54.3%	47,127
6107	57.1%	49,509
6108	59.9%	51,970
6109	62.7%	54,402
6110	66.3%	57,537
6111	69.7%	60,493
6112	71.1%	61,691
6113	69.4%	60,218
6114	68.4%	59,312
6115	66.2%	57,393
6116	62.3%	54,057
6117	57.6%	49,995
6118	53.2%	46,119
6119	49.3%	42,738
6120	46.6%	40,444
6121	44.8%	38,876
6122	43.8%	38,039
6123	43.7%	37,885
6124	45.3%	39,286
6125	48.5%	42,092
6126	51.0%	44,258
6127	53.1%	46,096
6128	54.8%	47,535
6129	55.9%	48,536
6130	57.5%	49,898
6131	60.1%	52,118
6132	62.6%	54,352
6133	66.3%	57,546
6134	69.4%	60,204
6135	70.7%	61,340
6136	71.2%	61,790
6137	68.1%	59,106
6138	64.3%	55,821
6139	60.5%	52,470
6140	55.5%	48,170
6141	50.2%	43,552
6142	45.5%	39,513
6143	41.6%	36,087
6144	38.9%	33,790
6145	37.3%	32,337
6146	36.3%	31,528
6147	36.2%	31,420
6148	37.7%	32,671
6149	40.2%	34,908
6150	41.9%	36,350
6151	42.4%	36,820
6152	42.6%	36,968
6153	43.1%	37,432
6154	44.3%	38,422
6155	46.3%	40,149
6156	49.4%	42,836
6157	53.1%	46,042
6158	57.2%	49,637
6159	60.4%	52,416
6160	62.2%	54,002
6161	61.1%	52,981
6162	59.6%	51,696
6163	57.3%	49,692
6164	53.6%	46,482
6165	49.3%	42,734
6166	45.3%	39,296
6167	41.9%	36,377
6168	39.7%	34,444
6169	38.2%	33,168
6170	37.4%	32,412
6171	37.3%	32,361
6172	38.6%	33,465
6173	41.1%	35,696
6174	42.5%	36,875
6175	42.5%	36,885
6176	42.1%	36,515
6177	41.7%	36,193
6178	41.8%	36,297
6179	42.8%	37,095
6180	44.5%	38,574
6181	46.7%	40,488
6182	49.7%	43,082
6183	52.4%	45,503
6184	54.2%	47,019
6185	53.3%	46,215
6186	52.0%	45,109
6187	50.0%	43,402
6188	46.6%	40,410
6189	42.6%	36,983
6190	39.2%	34,025
6191	36.3%	31,508

6192	34.5%	29,936
6193	33.3%	28,904
6194	32.7%	28,576
6195	32.9%	28,516
6196	34.5%	29,890
6197	37.4%	32,430
6198	38.7%	33,586
6199	38.7%	33,607
6200	38.2%	33,157
6201	37.9%	32,900
6202	38.1%	33,021
6203	38.7%	33,558
6204	40.4%	35,077
6205	42.8%	37,100
6206	45.8%	39,729
6207	48.9%	42,427
6208	50.8%	44,063
6209	50.5%	43,809
6210	50.1%	43,478
6211	48.5%	42,082
6212	46.1%	39,975
6213	43.1%	37,412
6214	40.4%	35,038
6215	38.0%	32,997
6216	36.2%	31,444
6217	35.1%	30,441
6218	34.4%	29,837
6219	34.2%	29,711
6220	34.7%	30,098
6221	35.6%	30,861
6222	35.8%	31,094
6223	36.9%	31,976
6224	37.4%	32,443
6225	38.2%	33,182
6226	39.5%	34,250
6227	41.5%	36,012
6228	44.3%	38,455
6229	47.2%	40,909
6230	49.7%	43,091
6231	51.7%	44,832
6232	52.7%	45,724
6233	52.1%	45,236
6234	51.7%	44,816
6235	50.1%	43,429
6236	48.0%	41,615
6237	45.0%	39,048
6238	42.3%	36,724
6239	39.6%	34,319
6240	37.5%	32,534
6241	36.1%	31,318
6242	35.0%	30,386
6243	34.5%	29,973
6244	34.6%	29,982
6245	34.9%	30,310
6246	35.2%	30,520
6247	36.3%	31,454
6248	37.5%	32,568
6249	39.1%	33,924
6250	41.4%	35,946
6251	44.8%	38,871
6252	48.6%	42,195
6253	52.8%	45,784
6254	56.8%	49,251
6255	60.1%	52,112
6256	61.9%	53,729
6257	61.1%	52,995
6258	59.8%	51,903
6259	57.5%	49,876
6260	53.9%	46,732
6261	49.7%	43,135
6262	45.6%	39,552
6263	42.1%	36,560
6264	39.9%	34,592
6265	38.5%	33,367
6266	37.7%	32,714
6267	37.9%	32,906
6268	39.7%	34,467
6269	43.0%	37,294
6270	45.3%	39,283
6271	46.9%	40,653
6272	48.3%	41,920
6273	51.3%	44,534
6274	55.0%	47,726
6275	59.2%	51,323
6276	63.1%	54,786
6277	65.8%	57,080
6278	67.9%	58,943
6279	68.9%	59,771
6280	65.1%	56,507
6281	62.4%	54,124
6282	61.7%	53,502
6283	59.1%	51,265
6284	55.4%	48,068
6285	51.1%	44,345
6286	46.9%	40,651
6287	43.4%	37,640
6288	41.0%	35,549
6289	39.4%	34,171
6290	38.4%	33,284
6291	38.5%	33,428
6292	40.1%	34,799
6293	43.0%	37,346
6294	44.9%	38,997
6295	46.1%	39,966
6296	46.4%	40,247

6297	47.0%	40,778
6298	48.4%	41,965
6299	50.4%	43,739
6300	53.3%	46,232
6301	55.9%	48,493
6302	58.0%	50,322
6303	60.1%	52,100
6304	60.5%	52,506
6305	59.5%	51,584
6306	58.7%	50,972
6307	56.1%	48,699
6308	52.4%	45,458
6309	48.0%	41,624
6310	43.7%	37,904
6311	40.2%	34,850
6312	37.9%	32,855
6313	36.4%	31,541
6314	35.5%	30,789
6315	35.5%	30,818
6316	37.1%	32,180
6317	39.9%	34,640
6318	41.8%	36,236
6319	42.6%	36,928
6320	43.0%	37,336
6321	43.8%	37,972
6322	45.5%	39,507
6323	48.1%	41,718
6324	51.6%	44,775
6325	55.4%	48,043
6326	59.6%	51,675
6327	62.9%	54,593
6328	64.2%	55,733
6329	62.1%	53,857
6330	60.7%	52,686
6331	58.1%	50,442
6332	54.6%	47,409
6333	50.3%	43,603
6334	46.0%	39,895
6335	42.5%	36,876
6336	40.3%	34,999
6337	38.9%	33,736
6338	38.3%	33,206
6339	38.6%	33,497
6340	40.4%	35,009
6341	44.3%	38,411
6342	46.9%	40,664
6343	48.2%	41,825
6344	49.8%	43,173
6345	53.2%	46,181
6346	57.3%	49,688
6347	55.1%	47,805
6348	52.3%	45,369
6349	49.0%	42,473
6350	45.6%	39,556
6351	47.3%	41,032
6352	48.6%	42,129
6353	48.5%	42,079
6354	48.5%	42,120
6355	46.8%	40,598
6356	43.9%	38,071
6357	40.6%	35,213
6358	37.1%	32,216
6359	34.8%	30,170
6360	33.2%	28,847
6361	32.3%	28,042
6362	31.9%	27,636
6363	32.2%	27,929
6364	33.7%	29,230
6365	36.6%	31,730
6366	38.1%	33,099
6367	37.6%	32,589
6368	35.8%	31,096
6369	34.3%	29,718
6370	33.1%	28,707
6371	32.9%	28,558
6372	33.1%	28,755
6373	34.0%	29,500
6374	35.7%	30,983
6375	38.1%	33,029
6376	40.4%	35,014
6377	41.7%	36,156
6378	42.7%	37,064
6379	41.8%	36,265
6380	39.9%	34,633
6381	37.6%	32,615
6382	35.3%	30,611
6383	33.2%	28,831
6384	32.0%	27,784
6385	31.3%	27,114
6386	30.7%	26,634
6387	30.7%	26,634
6388	31.3%	27,179
6389	32.4%	28,106
6390	33.0%	28,605
6391	33.4%	28,950
6392	33.2%	28,823
6393	32.3%	28,057
6394	31.0%	26,853
6395	29.6%	25,678
6396	29.2%	25,321
6397	30.0%	26,068
6398	31.7%	27,478
6399	34.5%	29,919
6400	37.4%	32,488
6401	39.3%	34,087

6402	40.6%	35,189
6403	39.9%	34,627
6404	38.5%	33,389
6405	36.6%	31,769
6406	34.5%	29,923
6407	32.7%	28,350
6408	31.4%	27,268
6409	30.6%	26,541
6410	30.2%	26,217
6411	30.2%	26,220
6412	30.5%	26,491
6413	31.3%	27,177
6414	31.4%	27,227
6415	32.2%	27,915
6416	33.2%	28,797
6417	33.9%	29,374
6418	34.8%	30,153
6419	35.8%	31,026
6420	34.6%	30,024
6421	36.0%	31,206
6422	39.6%	34,354
6423	40.8%	35,399
6424	40.8%	35,362
6425	41.8%	36,239
6426	43.2%	37,464
6427	42.4%	36,757
6428	40.8%	35,392
6429	38.5%	33,444
6430	36.0%	31,212
6431	34.0%	29,516
6432	32.6%	28,313
6433	31.8%	27,630
6434	31.5%	27,317
6435	31.9%	27,678
6436	33.5%	29,064
6437	36.3%	31,458
6438	38.1%	33,059
6439	38.4%	33,290
6440	37.8%	32,764
6441	37.4%	32,474
6442	38.3%	33,207
6443	40.4%	35,029
6444	41.7%	36,210
6445	42.3%	36,673
6446	44.1%	38,229
6447	46.2%	40,091
6448	47.6%	41,286
6449	47.8%	41,499
6450	48.3%	41,948
6451	46.7%	40,549
6452	43.9%	38,124
6453	40.7%	35,342
6454	37.9%	32,865
6455	35.3%	30,618
6456	33.8%	29,331
6457	32.8%	28,489
6458	32.2%	27,947
6459	32.5%	28,220
6460	34.1%	29,574
6461	37.1%	32,229
6462	39.0%	33,838
6463	38.6%	33,447
6464	37.2%	32,242
6465	36.5%	31,671
6466	36.0%	31,241
6467	36.7%	31,798
6468	38.3%	33,251
6469	39.9%	34,588
6470	41.4%	35,901
6471	43.3%	37,580
6472	44.9%	38,960
6473	45.5%	39,474
6474	46.3%	40,174
6475	44.7%	38,741
6476	42.0%	36,473
6477	38.9%	33,785
6478	36.0%	31,266
6479	33.8%	29,358
6480	32.5%	28,170
6481	31.6%	27,448
6482	31.3%	27,178
6483	31.8%	27,600
6484	33.6%	29,149
6485	36.8%	31,949
6486	38.5%	33,363
6487	37.8%	32,756
6488	36.2%	31,385
6489	35.3%	30,611
6490	34.7%	30,110
6491	35.1%	30,439
6492	36.6%	31,714
6493	38.5%	33,441
6494	41.0%	35,572
6495	42.9%	37,198
6496	43.9%	38,059
6497	44.8%	38,898
6498	46.2%	40,100
6499	44.8%	38,844
6500	42.4%	36,756
6501	39.3%	34,088
6502	36.5%	31,689
6503	34.8%	30,208
6504	33.4%	28,993
6505	32.5%	28,209
6506	32.1%	27,869

6507	32.5%	28,225
6508	34.1%	29,593
6509	37.6%	32,603
6510	39.4%	34,151
6511	38.8%	33,704
6512	37.3%	32,353
6513	36.1%	31,281
6514	35.6%	30,886
6515	35.7%	30,968
6516	36.3%	31,491
6517	37.8%	32,758
6518	39.7%	34,461
6519	41.8%	36,286
6520	43.4%	37,683
6521	44.6%	38,670
6522	45.7%	39,608
6523	44.4%	38,491
6524	42.0%	36,460
6525	39.0%	33,872
6526	36.2%	31,424
6527	34.4%	29,804
6528	33.0%	28,632
6529	32.2%	27,900
6530	31.9%	27,700
6531	32.3%	28,061
6532	33.9%	29,395
6533	37.5%	32,514
6534	39.4%	34,219
6535	39.8%	34,573
6536	40.0%	34,666
6537	39.2%	33,997
6538	38.4%	33,302
6539	37.9%	32,921
6540	38.9%	33,765
6541	40.0%	34,671
6542	40.8%	35,395
6543	41.7%	36,141
6544	42.5%	36,877
6545	43.4%	37,676
6546	43.9%	38,064
6547	42.6%	36,979
6548	41.0%	35,562
6549	38.9%	33,712
6550	36.4%	31,610
6551	34.3%	29,783
6552	33.1%	28,736
6553	32.3%	28,045
6554	31.9%	27,634
6555	31.8%	27,553
6556	32.4%	28,098
6557	33.5%	29,036
6558	34.5%	29,957
6559	35.9%	31,111
6560	37.2%	32,236
6561	38.2%	33,132
6562	38.2%	33,150
6563	38.6%	33,502
6564	38.6%	33,509
6565	38.6%	33,479
6566	38.6%	33,508
6567	39.2%	34,017
6568	40.0%	34,667
6569	41.1%	35,644
6570	41.8%	36,306
6571	40.9%	35,465
6572	39.5%	34,273
6573	37.7%	32,672
6574	35.6%	30,927
6575	33.7%	29,244
6576	32.5%	28,185
6577	31.6%	27,407
6578	31.1%	26,997
6579	31.0%	26,908
6580	31.3%	27,174
6581	32.2%	27,911
6582	32.7%	28,365
6583	34.1%	29,611
6584	36.0%	31,215
6585	37.2%	32,247
6586	38.1%	33,028
6587	38.8%	33,642
6588	39.0%	33,822
6589	38.8%	33,658
6590	39.0%	33,830
6591	39.4%	34,186
6592	40.4%	35,045
6593	41.7%	36,179
6594	42.1%	36,526
6595	41.1%	35,679
6596	39.4%	34,148
6597	37.2%	32,275
6598	35.0%	30,345
6599	33.3%	28,923
6600	32.3%	28,001
6601	31.7%	27,511
6602	31.6%	27,452
6603	32.3%	27,996
6604	34.4%	29,816
6605	38.1%	33,038
6606	41.0%	35,544
6607	42.8%	37,167
6608	44.0%	38,137
6609	43.7%	37,955
6610	42.9%	37,226
6611	43.2%	37,443

6612	43.6%	37,847
6613	43.6%	37,851
6614	43.9%	38,122
6615	45.1%	39,106
6616	46.0%	39,883
6617	47.1%	40,852
6618	47.2%	40,921
6619	45.7%	39,611
6620	43.4%	37,689
6621	40.7%	35,320
6622	37.8%	32,761
6623	35.6%	30,865
6624	34.4%	29,852
6625	33.8%	29,322
6626	33.7%	29,229
6627	34.3%	29,785
6628	36.1%	31,296
6629	39.8%	34,556
6630	42.9%	37,263
6631	44.3%	38,419
6632	45.2%	39,202
6633	45.5%	39,482
6634	45.5%	39,494
6635	45.3%	39,307
6636	45.1%	39,111
6637	45.0%	39,022
6638	45.2%	39,202
6639	45.7%	39,613
6640	46.3%	40,208
6641	47.2%	40,938
6642	46.8%	40,612
6643	45.1%	39,170
6644	42.9%	37,207
6645	40.1%	34,755
6646	37.4%	32,420
6647	35.5%	30,803
6648	34.2%	29,690
6649	33.7%	29,241
6650	33.3%	28,862
6651	33.7%	29,233
6652	35.4%	30,698
6653	38.6%	33,497
6654	40.5%	35,162
6655	42.1%	36,491
6656	42.9%	37,222
6657	43.2%	37,443
6658	43.1%	37,429
6659	42.7%	37,084
6660	42.6%	36,989
6661	42.8%	37,130
6662	42.6%	36,994
6663	43.4%	37,649
6664	43.9%	38,051
6665	45.1%	39,122
6666	45.8%	39,699
6667	44.5%	38,623
6668	42.6%	37,000
6669	39.7%	34,410
6670	37.2%	32,257
6671	35.1%	30,470
6672	33.8%	29,354
6673	33.1%	28,702
6674	32.8%	28,455
6675	33.4%	28,995
6676	35.2%	30,505
6677	38.6%	33,532
6678	40.7%	35,352
6679	39.7%	34,449
6680	37.9%	32,897
6681	36.7%	31,849
6682	36.3%	31,457
6683	36.2%	31,415
6684	36.8%	31,923
6685	38.3%	33,223
6686	40.4%	35,059
6687	43.1%	37,354
6688	45.6%	39,537
6689	46.6%	40,465
6690	46.9%	40,709
6691	45.4%	39,404
6692	43.1%	37,432
6693	40.4%	35,033
6694	37.6%	32,603
6695	35.1%	30,491
6696	33.7%	29,275
6697	32.8%	28,484
6698	32.5%	28,198
6699	32.8%	28,484
6700	34.4%	29,827
6701	37.8%	32,795
6702	39.8%	34,507
6703	39.5%	34,270
6704	38.6%	33,491
6705	37.6%	32,613
6706	37.2%	32,287
6707	37.7%	32,707
6708	38.7%	33,614
6709	40.3%	34,923
6710	42.6%	36,935
6711	45.2%	39,194
6712	46.5%	40,385
6713	47.0%	40,749
6714	46.7%	40,514
6715	45.1%	39,170
6716	43.0%	37,304

6717	40.4%	35,087
6718	37.7%	32,701
6719	35.4%	30,695
6720	33.7%	29,277
6721	32.7%	28,327
6722	31.8%	27,612
6723	31.6%	27,449
6724	32.2%	27,922
6725	33.4%	28,984
6726	34.0%	29,481
6727	33.7%	29,279
6728	32.5%	28,211
6729	31.9%	27,636
6730	31.6%	27,458
6731	30.9%	26,773
6732	30.1%	26,143
6733	30.2%	26,175
6734	31.6%	27,421
6735	34.1%	29,600
6736	37.2%	32,310
6737	39.6%	34,344
6738	40.7%	35,273
6739	40.2%	34,851
6740	39.1%	33,923
6741	37.6%	32,622
6742	35.8%	31,090
6743	34.1%	29,608
6744	33.0%	28,636
6745	32.3%	28,038
6746	32.0%	27,723
6747	32.0%	27,784
6748	32.6%	28,311
6749	33.6%	29,141
6750	34.2%	29,687
6751	33.6%	29,160
6752	32.0%	27,791
6753	30.4%	26,348
6754	29.2%	25,308
6755	28.5%	24,685
6756	28.6%	24,794
6757	29.4%	25,522
6758	31.2%	27,053
6759	34.2%	29,651
6760	37.4%	32,474
6761	39.9%	34,638
6762	41.2%	35,733
6763	40.4%	35,055
6764	39.0%	33,812
6765	37.1%	32,170
6766	35.0%	30,379
6767	33.4%	28,963
6768	32.4%	28,123
6769	32.0%	27,733
6770	31.9%	27,698
6771	32.6%	28,320
6772	34.5%	29,951
6773	37.6%	32,629
6774	39.4%	34,193
6775	39.0%	33,863
6776	37.4%	32,482
6777	36.0%	31,257
6778	34.8%	30,202
6779	34.3%	29,718
6780	34.5%	29,895
6781	35.6%	30,905
6782	37.4%	32,425
6783	39.8%	34,541
6784	42.3%	36,664
6785	44.2%	38,350
6786	44.9%	38,920
6787	43.4%	37,662
6788	41.4%	35,931
6789	38.8%	33,626
6790	36.1%	31,294
6791	34.0%	29,465
6792	33.0%	28,639
6793	32.5%	28,214
6794	32.2%	27,935
6795	33.1%	28,681
6796	35.0%	30,388
6797	38.8%	33,658
6798	40.9%	35,486
6799	39.9%	34,645
6800	37.9%	32,885
6801	36.3%	31,482
6802	35.5%	30,781
6803	35.2%	30,563
6804	35.8%	31,057
6805	37.1%	32,215
6806	39.0%	33,839
6807	41.6%	36,050
6808	43.7%	37,945
6809	45.2%	39,226
6810	45.7%	39,640
6811	44.3%	38,406
6812	42.1%	36,503
6813	39.1%	33,936
6814	36.3%	31,473
6815	34.4%	29,867
6816	33.1%	28,687
6817	32.5%	28,190
6818	32.3%	28,034
6819	32.8%	28,473
6820	34.8%	30,159
6821	38.4%	33,309

6822	40.4%	35,009
6823	39.7%	34,454
6824	38.0%	32,938
6825	36.4%	31,595
6826	35.4%	30,756
6827	35.3%	30,597
6828	36.1%	31,360
6829	37.7%	32,738
6830	39.8%	34,538
6831	41.9%	36,323
6832	43.3%	37,532
6833	45.3%	39,338
6834	45.8%	39,765
6835	44.4%	38,514
6836	42.3%	36,656
6837	39.3%	34,119
6838	36.8%	31,893
6839	34.6%	30,023
6840	33.5%	29,023
6841	32.9%	28,513
6842	32.6%	28,244
6843	33.1%	28,709
6844	34.9%	30,249
6845	38.6%	33,463
6846	41.2%	35,762
6847	42.2%	36,640
6848	42.9%	37,182
6849	43.5%	37,780
6850	43.7%	37,950
6851	44.3%	38,392
6852	44.0%	38,172
6853	44.1%	38,236
6854	44.6%	38,677
6855	45.4%	39,400
6856	46.4%	40,245
6857	47.5%	41,187
6858	47.3%	41,060
6859	45.9%	39,799
6860	43.6%	37,797
6861	40.1%	34,788
6862	37.1%	32,194
6863	35.0%	30,357
6864	33.6%	29,146
6865	32.8%	28,436
6866	32.4%	28,149
6867	32.8%	28,444
6868	34.5%	29,967
6869	37.9%	32,860
6870	40.2%	34,836
6871	40.1%	34,825
6872	40.2%	34,906
6873	39.6%	34,363
6874	35.8%	31,092
6875	34.7%	30,097
6876	35.1%	30,460
6877	36.1%	31,320
6878	37.8%	32,833
6879	40.4%	35,053
6880	42.6%	36,967
6881	43.7%	37,955
6882	43.8%	38,002
6883	42.5%	36,871
6884	40.9%	35,509
6885	38.7%	33,573
6886	36.5%	31,653
6887	34.5%	29,970
6888	33.2%	28,776
6889	32.4%	28,146
6890	32.0%	27,751
6891	32.0%	27,796
6892	32.8%	28,421
6893	34.2%	29,704
6894	35.1%	30,490
6895	35.0%	30,382
6896	33.4%	28,992
6897	31.9%	27,666
6898	30.8%	26,730
6899	30.2%	26,216
6900	30.3%	26,270
6901	31.2%	27,044
6902	33.1%	28,709
6903	35.6%	30,915
6904	38.3%	33,229
6905	40.4%	35,024
6906	41.1%	35,630
6907	40.3%	34,930
6908	39.0%	33,844
6909	37.2%	32,249
6910	35.2%	30,559
6911	33.5%	29,052
6912	32.3%	28,000
6913	31.5%	27,358
6914	31.0%	26,920
6915	31.0%	26,898
6916	31.5%	27,340
6917	32.4%	28,149
6918	33.0%	28,609
6919	32.7%	28,381
6920	33.3%	28,892
6921	32.6%	28,316
6922	31.2%	27,047
6923	33.0%	28,628
6924	32.9%	28,556
6925	31.0%	26,937
6926	32.3%	27,997

6927	35.5%	30,772
6928	38.8%	33,637
6929	41.0%	35,553
6930	41.6%	36,067
6931	40.6%	35,185
6932	38.8%	33,648
6933	36.8%	31,964
6934	34.6%	30,051
6935	32.9%	28,509
6936	31.8%	27,624
6937	31.3%	27,130
6938	31.2%	27,091
6939	31.9%	27,676
6940	34.0%	29,457
6941	37.6%	32,622
6942	40.5%	35,125
6943	41.4%	35,920
6944	40.7%	35,317
6945	41.3%	35,865
6946	41.3%	35,805
6947	40.3%	34,924
6948	38.5%	33,402
6949	38.5%	33,383
6950	39.5%	34,284
6951	41.9%	36,319
6952	43.8%	37,997
6953	45.6%	39,528
6954	45.3%	39,285
6955	43.6%	37,858
6956	41.4%	35,953
6957	38.6%	33,514
6958	36.0%	31,261
6959	34.0%	29,506
6960	32.8%	28,449
6961	32.1%	27,877
6962	32.1%	27,837
6963	32.6%	28,320
6964	34.7%	30,136
6965	38.4%	33,286
6966	40.8%	35,394
6967	40.7%	35,346
6968	39.1%	33,884
6969	37.1%	32,175
6970	35.2%	30,567
6971	33.8%	29,293
6972	33.9%	29,397
6973	34.5%	29,920
6974	36.5%	31,680
6975	39.3%	34,095
6976	42.1%	36,554
6977	44.8%	38,856
6978	45.4%	39,410
6979	44.3%	38,437
6980	42.5%	36,862
6981	39.8%	34,531
6982	37.3%	32,321
6983	35.5%	30,765
6984	34.4%	29,830
6985	34.1%	29,547
6986	34.0%	29,482
6987	34.9%	30,250
6988	37.0%	32,092
6989	40.9%	35,466
6990	43.3%	37,572
6991	42.3%	36,710
6992	39.7%	34,411
6993	37.5%	32,502
6994	37.3%	32,319
6995	37.3%	32,371
6996	37.0%	32,130
6997	38.7%	33,540
6998	40.6%	35,243
6999	41.3%	35,868
7000	43.3%	37,527
7001	46.0%	39,919
7002	46.4%	40,261
7003	45.3%	39,324
7004	43.4%	37,643
7005	40.6%	35,266
7006	38.1%	33,023
7007	36.2%	31,367
7008	35.2%	30,509
7009	34.6%	30,037
7010	34.5%	29,922
7011	35.3%	30,618
7012	37.5%	32,572
7013	41.4%	35,958
7014	43.6%	37,838
7015	42.5%	36,885
7016	39.8%	34,569
7017	37.4%	32,427
7018	35.6%	30,882
7019	34.7%	30,147
7020	34.7%	30,108
7021	35.4%	30,727
7022	37.1%	32,230
7023	39.8%	34,536
7024	42.8%	37,107
7025	45.2%	39,196
7026	45.8%	39,749
7027	44.8%	38,873
7028	42.9%	37,203
7029	40.3%	34,948
7030	37.8%	32,829
7031	35.7%	30,971

7032	34.9%	30,237
7033	34.3%	29,758
7034	34.1%	29,605
7035	34.7%	30,135
7036	36.9%	32,020
7037	40.8%	35,368
7038	43.3%	37,605
7039	42.3%	36,723
7040	39.7%	34,483
7041	37.5%	32,502
7042	35.9%	31,186
7043	35.0%	30,394
7044	34.9%	30,291
7045	35.6%	30,886
7046	37.2%	32,265
7047	39.7%	34,420
7048	42.1%	36,487
7049	43.8%	38,000
7050	43.9%	38,078
7051	42.9%	37,249
7052	41.4%	35,909
7053	39.3%	34,131
7054	37.2%	32,261
7055	35.4%	30,692
7056	34.3%	29,743
7057	33.7%	29,228
7058	33.4%	28,999
7059	33.7%	29,280
7060	34.5%	29,892
7061	36.3%	31,454
7062	37.3%	32,386
7063	37.1%	32,225
7064	35.1%	30,486
7065	33.1%	28,746
7066	31.8%	27,597
7067	31.0%	26,875
7068	30.8%	26,750
7069	31.5%	27,354
7070	33.5%	29,060
7071	36.2%	31,449
7072	38.3%	33,236
7073	40.5%	35,162
7074	40.8%	35,417
7075	40.1%	34,829
7076	39.0%	33,796
7077	37.3%	32,400
7078	35.6%	30,873
7079	33.9%	29,390
7080	32.8%	28,441
7081	32.0%	27,738
7082	31.6%	27,380
7083	31.6%	27,385
7084	32.0%	27,759
7085	33.0%	28,598
7086	33.8%	29,353
7087	34.8%	30,188
7088	36.0%	31,243
7089	36.6%	31,790
7090	36.7%	31,845
7091	36.5%	31,702
7092	36.0%	31,230
7093	36.5%	31,626
7094	37.6%	32,642
7095	38.9%	33,737
7096	40.3%	34,994
7097	42.2%	36,633
7098	42.1%	36,529
7099	41.1%	35,695
7100	39.5%	34,301
7101	37.4%	32,473
7102	35.2%	30,500
7103	33.5%	29,026
7104	32.4%	28,098
7105	31.8%	27,568
7106	31.8%	27,569
7107	32.6%	28,267
7108	34.5%	29,890
7109	38.0%	32,957
7110	40.9%	35,499
7111	42.0%	36,449
7112	42.7%	37,035
7113	43.2%	37,463
7114	43.1%	37,363
7115	43.0%	37,296
7116	42.9%	37,228
7117	42.8%	37,122
7118	42.9%	37,199
7119	43.8%	37,996
7120	45.0%	39,072
7121	46.6%	40,452
7122	45.9%	39,819
7123	44.5%	38,570
7124	42.5%	36,832
7125	39.6%	34,368
7126	37.0%	32,076
7127	34.9%	30,286
7128	33.8%	29,339
7129	33.0%	28,610
7130	32.6%	28,288
7131	33.2%	28,794
7132	34.9%	30,295
7133	38.5%	33,411
7134	41.7%	36,151
7135	42.5%	36,858
7136	42.7%	37,040

7137	42.9%	37,235
7138	43.1%	37,406
7139	43.1%	37,387
7140	43.2%	37,478
7141	42.8%	37,155
7142	43.6%	37,871
7143	44.9%	38,949
7144	46.3%	40,187
7145	48.0%	41,626
7146	47.4%	41,165
7147	46.0%	39,922
7148	43.9%	38,049
7149	40.9%	35,510
7150	38.2%	33,167
7151	36.0%	31,228
7152	34.5%	29,895
7153	33.6%	29,155
7154	33.2%	28,847
7155	33.6%	29,153
7156	35.2%	30,568
7157	39.1%	33,884
7158	42.0%	36,471
7159	42.5%	36,837
7160	42.8%	37,157
7161	43.4%	37,673
7162	42.9%	37,185
7163	42.6%	36,961
7164	43.2%	37,485
7165	44.1%	38,280
7166	44.7%	38,823
7167	45.6%	39,591
7168	46.5%	40,350
7169	48.0%	41,611
7170	47.5%	41,206
7171	45.9%	39,797
7172	43.5%	37,734
7173	40.4%	35,033
7174	37.4%	32,419
7175	35.1%	30,440
7176	33.6%	29,167
7177	32.8%	28,416
7178	32.4%	28,124
7179	32.9%	28,516
7180	34.4%	29,869
7181	38.1%	33,067
7182	40.6%	35,255
7183	40.4%	35,034
7184	38.7%	33,550
7185	36.8%	31,964
7186	35.5%	30,821
7187	35.0%	30,361
7188	35.2%	30,546
7189	36.1%	31,363
7190	38.2%	33,101
7191	40.9%	35,524
7192	43.2%	37,495
7193	45.1%	39,091
7194	45.0%	39,032
7195	43.8%	37,966
7196	41.8%	36,280
7197	39.3%	34,095
7198	36.7%	31,864
7199	34.6%	30,041
7200	33.6%	29,162
7201	33.1%	28,709
7202	33.0%	28,601
7203	33.4%	29,004
7204	35.6%	30,855
7205	39.3%	34,106
7206	41.9%	36,310
7207	41.5%	35,983
7208	39.6%	34,392
7209	37.8%	32,799
7210	37.5%	32,560
7211	36.8%	31,968
7212	38.0%	32,926
7213	38.2%	33,110
7214	39.3%	34,069
7215	40.4%	35,078
7216	42.5%	36,896
7217	44.5%	38,604
7218	44.1%	38,259
7219	43.1%	37,412
7220	41.6%	36,125
7221	39.7%	34,480
7222	37.5%	32,568
7223	35.7%	30,942
7224	34.3%	29,761
7225	33.7%	29,233
7226	33.3%	28,874
7227	33.4%	29,019
7228	34.4%	29,810
7229	35.8%	31,074
7230	37.0%	32,130
7231	37.3%	32,321
7232	35.7%	30,984
7233	33.8%	29,355
7234	32.2%	27,937
7235	30.9%	26,849
7236	30.6%	26,570
7237	31.2%	27,075
7238	32.9%	28,520
7239	35.8%	31,018
7240	38.6%	33,494
7241	41.0%	35,611

7242	41.2%	35,740
7243	40.6%	35,206
7244	39.7%	34,451
7245	38.1%	33,077
7246	36.5%	31,631
7247	35.0%	30,332
7248	33.8%	29,362
7249	33.4%	28,953
7250	33.1%	28,692
7251	33.2%	28,837
7252	33.9%	29,423
7253	35.2%	30,523
7254	36.1%	31,286
7255	36.0%	31,235
7256	34.2%	29,654
7257	32.2%	27,945
7258	31.2%	27,028
7259	30.4%	26,363
7260	30.2%	26,244
7261	31.3%	27,132
7262	33.3%	28,876
7263	36.1%	31,292
7264	39.3%	34,079
7265	42.1%	36,519
7266	42.1%	36,569
7267	41.4%	35,884
7268	39.9%	34,577
7269	37.7%	32,702
7270	35.5%	30,789
7271	33.5%	29,105
7272	32.7%	28,350
7273	32.1%	27,865
7274	32.1%	27,873
7275	32.9%	28,553
7276	35.0%	30,379
7277	38.9%	33,769
7278	41.8%	36,292
7279	41.5%	36,041
7280	40.0%	34,675
7281	39.2%	34,047
7282	38.7%	33,595
7283	38.6%	33,520
7284	39.0%	33,801
7285	39.5%	34,280
7286	40.8%	35,436
7287	41.8%	36,282
7288	43.2%	37,513
7289	44.6%	38,663
7290	44.2%	38,322
7291	43.2%	37,482
7292	41.5%	36,028
7293	39.1%	33,881
7294	36.5%	31,687
7295	34.5%	29,932
7296	33.3%	28,912
7297	32.7%	28,412
7298	32.5%	28,172
7299	32.9%	28,583
7300	34.7%	30,096
7301	38.4%	33,288
7302	41.6%	36,109
7303	42.5%	36,872
7304	42.7%	37,008
7305	42.4%	36,769
7306	41.8%	36,228
7307	41.4%	35,926
7308	40.7%	35,284
7309	40.9%	35,457
7310	41.1%	35,679
7311	42.7%	37,086
7312	44.5%	38,638
7313	46.5%	40,315
7314	46.0%	39,887
7315	44.4%	38,509
7316	42.2%	36,627
7317	39.4%	34,178
7318	36.7%	31,851
7319	34.7%	30,072
7320	33.3%	28,883
7321	32.6%	28,312
7322	32.3%	28,002
7323	32.8%	28,447
7324	34.7%	30,148
7325	38.4%	33,303
7326	41.0%	35,609
7327	40.9%	35,481
7328	38.9%	33,787
7329	37.2%	32,272
7330	36.0%	31,269
7331	35.7%	31,000
7332	36.4%	31,553
7333	37.7%	32,712
7334	39.8%	34,543
7335	42.5%	36,841
7336	44.3%	38,423
7337	45.9%	39,801
7338	45.3%	39,270
7339	43.8%	37,979
7340	41.6%	36,072
7341	38.9%	33,749
7342	36.2%	31,381
7343	34.3%	29,728
7344	33.3%	28,881
7345	32.8%	28,468
7346	32.7%	28,333

7347	33.4%	28,984
7348	35.4%	30,685
7349	39.2%	33,983
7350	42.0%	36,421
7351	41.7%	36,210
7352	39.7%	34,415
7353	37.7%	32,731
7354	36.3%	31,530
7355	35.8%	31,090
7356	36.1%	31,348
7357	37.2%	32,291
7358	39.0%	33,866
7359	41.5%	36,017
7360	43.6%	37,861
7361	45.6%	39,568
7362	45.0%	39,028
7363	43.7%	37,905
7364	41.8%	36,240
7365	39.1%	33,952
7366	36.6%	31,743
7367	34.8%	30,222
7368	33.4%	29,020
7369	32.8%	28,487
7370	32.7%	28,331
7371	33.3%	28,862
7372	35.1%	30,466
7373	38.7%	33,590
7374	41.4%	35,940
7375	41.6%	36,053
7376	40.4%	35,051
7377	38.9%	33,747
7378	37.3%	32,400
7379	36.5%	31,675
7380	37.0%	32,123
7381	38.5%	33,384
7382	40.0%	34,731
7383	42.3%	36,687
7384	44.0%	38,142
7385	45.4%	39,410
7386	44.5%	38,628
7387	43.3%	37,565
7388	41.4%	35,926
7389	39.2%	34,045
7390	36.9%	32,045
7391	34.9%	30,263
7392	33.7%	29,229
7393	32.6%	28,321
7394	32.3%	27,994
7395	32.3%	28,000
7396	32.8%	28,438
7397	34.2%	29,681
7398	35.6%	30,858
7399	36.1%	31,337
7400	35.8%	31,098
7401	35.3%	30,590
7402	35.2%	30,527
7403	36.2%	31,418
7404	36.8%	31,927
7405	37.4%	32,448
7406	38.7%	33,544
7407	40.8%	35,356
7408	42.4%	36,817
7409	43.9%	38,096
7410	43.5%	37,766
7411	42.5%	36,880
7412	41.2%	35,761
7413	39.5%	34,251
7414	37.4%	32,409
7415	35.5%	30,796
7416	34.0%	29,527
7417	32.8%	28,459
7418	32.2%	27,976
7419	31.9%	27,715
7420	31.9%	27,671
7421	32.3%	28,061
7422	33.1%	28,705
7423	33.6%	29,172
7424	34.1%	29,606
7425	35.6%	30,929
7426	37.4%	32,413
7427	38.8%	33,635
7428	39.4%	34,184
7429	40.0%	34,703
7430	41.0%	35,552
7431	41.7%	36,195
7432	43.4%	37,659
7433	46.0%	39,898
7434	46.1%	39,963
7435	45.0%	39,041
7436	43.8%	38,014
7437	41.8%	36,295
7438	39.3%	34,132
7439	37.1%	32,173
7440	35.3%	30,629
7441	34.1%	29,599
7442	33.4%	28,992
7443	33.3%	28,901
7444	33.9%	29,445
7445	35.9%	31,131
7446	39.1%	33,890
7447	41.0%	35,532
7448	41.6%	36,074
7449	41.7%	36,199
7450	41.5%	36,001
7451	41.8%	36,245

7452	42.3%	36,721
7453	43.7%	37,906
7454	45.3%	39,316
7455	47.2%	40,917
7456	47.9%	41,547
7457	49.3%	42,762
7458	47.9%	41,599
7459	46.0%	39,927
7460	43.9%	38,076
7461	41.3%	35,790
7462	38.1%	33,042
7463	35.4%	30,755
7464	33.4%	29,014
7465	32.3%	27,986
7466	31.7%	27,495
7467	31.7%	27,483
7468	32.2%	27,978
7469	34.1%	29,622
7470	37.2%	32,297
7471	38.6%	33,465
7472	37.6%	32,580
7473	35.7%	30,973
7474	34.7%	30,068
7475	34.0%	29,531
7476	34.3%	29,792
7477	35.5%	30,823
7478	37.6%	32,590
7479	40.3%	34,928
7480	43.1%	37,385
7481	45.8%	39,762
7482	45.7%	39,648
7483	44.9%	38,959
7484	43.7%	37,878
7485	41.7%	36,180
7486	39.2%	33,972
7487	36.6%	31,744
7488	35.1%	30,493
7489	34.2%	29,659
7490	33.8%	29,303
7491	33.8%	29,368
7492	34.6%	30,018
7493	36.8%	31,935
7494	40.2%	34,893
7495	41.5%	35,986
7496	39.7%	34,456
7497	37.7%	32,745
7498	36.3%	31,483
7499	35.7%	31,016
7500	35.9%	31,149
7501	36.8%	31,899
7502	38.4%	33,319
7503	40.8%	35,404
7504	43.5%	37,755
7505	46.4%	40,253
7506	46.3%	40,132
7507	45.5%	39,463
7508	44.2%	38,340
7509	42.4%	36,757
7510	39.9%	34,577
7511	37.5%	32,504
7512	35.8%	31,047
7513	34.9%	30,311
7514	34.4%	29,851
7515	34.4%	29,815
7516	35.1%	30,452
7517	37.0%	32,086
7518	39.8%	34,500
7519	40.8%	35,378
7520	39.4%	34,192
7521	37.6%	32,622
7522	36.2%	31,436
7523	35.8%	31,090
7524	36.1%	31,291
7525	37.3%	32,332
7526	39.3%	34,095
7527	41.5%	36,003
7528	43.7%	37,906
7529	45.9%	39,860
7530	45.4%	39,355
7531	44.2%	38,351
7532	42.8%	37,172
7533	40.9%	35,483
7534	38.6%	33,480
7535	36.2%	31,388
7536	34.3%	29,801
7537	33.3%	28,863
7538	32.6%	28,283
7539	32.3%	28,004
7540	32.7%	28,409
7541	34.1%	29,616
7542	36.6%	31,737
7543	38.3%	33,238
7544	39.8%	34,518
7545	41.0%	35,564
7546	42.3%	36,724
7547	43.5%	37,712
7548	43.9%	38,058
7549	44.4%	38,480
7550	44.7%	38,799
7551	45.1%	39,136
7552	46.5%	40,340
7553	47.4%	41,149
7554	46.7%	40,486
7555	45.6%	39,530
7556	44.2%	38,378

7557	42.6%	36,918
7558	40.3%	34,982
7559	38.1%	33,080
7560	36.3%	31,537
7561	35.1%	30,468
7562	34.4%	29,840
7563	34.0%	29,458
7564	33.8%	29,299
7565	34.3%	29,761
7566	35.0%	30,384
7567	35.0%	30,363
7568	35.7%	30,942
7569	37.2%	32,311
7570	37.3%	32,320
7571	35.2%	30,520
7572	34.3%	29,765
7573	35.1%	30,424
7574	36.7%	31,878
7575	38.8%	33,628
7576	40.7%	35,331
7577	42.7%	37,083
7578	42.4%	36,828
7579	41.6%	36,067
7580	40.4%	35,045
7581	39.0%	33,851
7582	37.2%	32,245
7583	35.3%	30,605
7584	33.5%	29,105
7585	32.3%	28,039
7586	31.4%	27,225
7587	30.8%	26,720
7588	30.7%	26,651
7589	31.2%	27,029
7590	32.1%	27,840
7591	32.9%	28,524
7592	34.0%	29,541
7593	34.9%	30,246
7594	33.5%	29,079
7595	32.0%	27,739
7596	32.7%	28,388
7597	34.4%	29,845
7598	35.6%	30,928
7599	37.3%	32,386
7600	40.5%	35,110
7601	43.4%	37,685
7602	43.7%	37,952
7603	43.2%	37,498
7604	42.2%	36,652
7605	40.8%	35,389
7606	38.6%	33,510
7607	36.6%	31,784
7608	34.9%	30,301
7609	34.2%	29,693
7610	33.9%	29,431
7611	34.0%	29,517
7612	35.0%	30,378
7613	37.4%	32,439
7614	41.1%	35,667
7615	42.5%	36,867
7616	41.0%	35,606
7617	38.9%	33,779
7618	37.4%	32,422
7619	36.4%	31,593
7620	36.3%	31,489
7621	37.2%	32,241
7622	39.0%	33,879
7623	41.9%	36,361
7624	45.6%	39,528
7625	49.0%	42,488
7626	49.1%	42,566
7627	48.4%	41,992
7628	47.3%	41,061
7629	45.4%	39,351
7630	42.6%	36,996
7631	40.1%	34,780
7632	38.3%	33,201
7633	37.5%	32,515
7634	37.0%	32,125
7635	36.9%	31,983
7636	37.6%	32,649
7637	40.0%	34,740
7638	43.5%	37,717
7639	45.0%	39,080
7640	44.5%	38,576
7641	44.2%	38,311
7642	43.0%	37,285
7643	43.4%	37,648
7644	43.9%	38,059
7645	45.6%	39,523
7646	46.3%	40,198
7647	46.8%	40,574
7648	48.7%	42,276
7649	50.5%	43,792
7650	50.0%	43,374
7651	49.1%	42,619
7652	47.9%	41,529
7653	45.7%	39,666
7654	42.8%	37,151
7655	40.1%	34,775
7656	38.1%	33,090
7657	36.8%	31,939
7658	36.0%	31,203
7659	35.6%	30,910
7660	36.1%	31,362
7661	38.2%	33,134

7662	41.8%	36,308
7663	44.2%	38,335
7664	44.2%	38,307
7665	42.5%	36,895
7666	41.2%	35,733
7667	40.4%	35,093
7668	38.6%	33,452
7669	39.1%	33,886
7670	41.1%	35,666
7671	43.5%	37,779
7672	46.8%	40,591
7673	49.4%	42,840
7674	49.1%	42,640
7675	48.4%	41,956
7676	47.2%	40,930
7677	45.1%	39,159
7678	42.4%	36,778
7679	39.9%	34,582
7680	38.1%	33,017
7681	37.1%	32,223
7682	36.6%	31,793
7683	36.7%	31,813
7684	37.3%	32,397
7685	39.7%	34,433
7686	43.3%	37,605
7687	45.1%	39,131
7688	44.0%	38,150
7689	41.3%	35,868
7690	40.2%	34,851
7691	39.8%	34,523
7692	38.8%	33,655
7693	40.4%	35,018
7694	43.3%	37,599
7695	45.5%	39,509
7696	48.1%	41,739
7697	50.8%	44,114
7698	50.6%	43,939
7699	49.9%	43,292
7700	48.8%	42,301
7701	46.6%	40,462
7702	44.0%	38,161
7703	41.4%	35,876
7704	39.5%	34,314
7705	38.6%	33,447
7706	38.0%	33,002
7707	38.1%	33,053
7708	38.9%	33,710
7709	41.1%	35,669
7710	44.6%	38,700
7711	46.0%	39,915
7712	44.2%	38,317
7713	41.8%	36,249
7714	39.9%	34,627
7715	39.1%	33,951
7716	38.8%	33,702
7717	40.1%	34,778
7718	42.0%	36,435
7719	44.5%	38,627
7720	47.8%	41,434
7721	50.3%	43,623
7722	49.7%	43,159
7723	48.8%	42,341
7724	47.8%	41,486
7725	46.2%	40,062
7726	43.9%	38,076
7727	41.7%	36,147
7728	39.8%	34,517
7729	38.7%	33,585
7730	38.1%	33,094
7731	38.0%	32,978
7732	38.3%	33,237
7733	39.3%	34,076
7734	40.9%	35,467
7735	41.8%	36,291
7736	40.7%	35,352
7737	38.4%	33,342
7738	36.9%	31,988
7739	35.9%	31,164
7740	35.7%	30,948
7741	36.2%	31,437
7742	38.2%	33,122
7743	41.0%	35,576
7744	44.7%	38,739
7745	47.7%	41,345
7746	47.8%	41,512
7747	47.4%	41,149
7748	46.8%	40,596
7749	45.5%	39,464
7750	43.7%	37,898
7751	41.8%	36,231
7752	40.0%	34,707
7753	38.8%	33,626
7754	38.1%	33,022
7755	37.8%	32,808
7756	37.9%	32,882
7757	38.8%	33,641
7758	39.9%	34,576
7759	40.0%	34,729
7760	39.3%	34,084
7761	37.7%	32,673
7762	36.5%	31,662
7763	36.1%	31,342
7764	36.5%	31,672
7765	37.7%	32,682
7766	39.9%	34,620

7767	43.3%	37,585
7768	47.4%	41,100
7769	50.8%	44,059
7770	51.0%	44,235
7771	50.6%	43,861
7772	49.6%	43,010
7773	47.9%	41,516
7774	45.4%	39,414
7775	43.1%	37,372
7776	41.3%	35,869
7777	40.5%	35,144
7778	40.1%	34,792
7779	40.3%	34,975
7780	41.4%	35,899
7781	43.7%	37,910
7782	47.6%	41,275
7783	49.2%	42,687
7784	47.5%	41,185
7785	44.7%	38,803
7786	42.4%	36,781
7787	41.3%	35,842
7788	40.7%	35,298
7789	41.4%	35,896
7790	43.3%	37,598
7791	46.3%	40,142
7792	49.8%	43,246
7793	53.1%	46,109
7794	53.0%	45,997
7795	52.2%	45,295
7796	50.8%	44,067
7797	48.5%	42,054
7798	45.3%	39,295
7799	42.4%	36,780
7800	40.4%	35,042
7801	39.3%	34,096
7802	38.8%	33,620
7803	38.8%	33,684
7804	39.7%	34,445
7805	41.9%	36,313
7806	45.6%	39,585
7807	47.2%	40,952
7808	45.2%	39,194
7809	42.4%	36,807
7810	40.2%	34,840
7811	39.0%	33,847
7812	38.5%	33,383
7813	39.3%	34,116
7814	41.1%	35,692
7815	43.8%	37,962
7816	46.9%	40,701
7817	49.9%	43,321
7818	50.0%	43,354
7819	49.5%	42,930
7820	48.4%	41,971
7821	46.5%	40,353
7822	43.9%	38,080
7823	41.4%	35,904
7824	39.5%	34,237
7825	38.4%	33,313
7826	38.0%	32,994
7827	38.0%	32,946
7828	38.9%	33,710
7829	40.9%	35,468
7830	44.6%	38,674
7831	46.1%	40,032
7832	44.4%	38,539
7833	41.8%	36,241
7834	39.8%	34,525
7835	38.6%	33,467
7836	38.1%	33,091
7837	38.8%	33,687
7838	40.6%	35,233
7839	42.9%	37,242
7840	46.0%	39,918
7841	48.6%	42,159
7842	48.3%	41,865
7843	47.2%	40,956
7844	46.6%	40,427
7845	45.2%	39,173
7846	43.0%	37,300
7847	40.7%	35,290
7848	38.7%	33,565
7849	37.5%	32,577
7850	36.9%	32,001
7851	36.7%	31,814
7852	37.1%	32,203
7853	38.0%	32,954
7854	39.5%	34,238
7855	39.9%	34,611
7856	38.9%	33,712
7857	37.0%	32,128
7858	35.9%	31,151
7859	35.2%	30,551
7860	35.4%	30,680
7861	35.9%	31,133
7862	37.1%	32,171
7863	38.6%	33,462
7864	40.3%	34,955
7865	41.6%	36,084
7866	41.2%	35,762
7867	40.8%	35,420
7868	40.6%	35,226
7869	40.2%	34,885
7870	39.1%	33,888
7871	37.7%	32,691

7872	36.3%	31,465
7873	35.1%	30,485
7874	34.6%	30,001
7875	34.4%	29,817
7876	34.7%	30,108
7877	35.7%	30,951
7878	37.6%	32,608
7879	38.8%	33,668
7880	39.9%	34,650
7881	41.4%	35,936
7882	42.4%	36,828
7883	42.8%	37,173
7884	40.8%	35,382
7885	38.5%	33,373
7886	38.9%	33,767
7887	40.8%	35,438
7888	43.7%	37,924
7889	45.9%	39,820
7890	45.7%	39,629
7891	45.1%	39,117
7892	44.3%	38,399
7893	42.8%	37,120
7894	41.1%	35,627
7895	38.9%	33,711
7896	37.1%	32,169
7897	35.8%	31,088
7898	35.2%	30,556
7899	35.0%	30,331
7900	35.1%	30,419
7901	35.9%	31,123
7902	37.5%	32,527
7903	37.9%	32,919
7904	37.1%	32,223
7905	35.2%	30,568
7906	33.8%	29,307
7907	33.0%	28,640
7908	32.9%	28,526
7909	33.5%	29,055
7910	35.4%	30,701
7911	37.9%	32,856
7912	41.2%	35,730
7913	44.2%	38,351
7914	44.2%	38,370
7915	43.8%	37,973
7916	43.1%	37,415
7917	42.1%	36,500
7918	40.4%	35,016
7919	38.3%	33,215
7920	36.6%	31,777
7921	35.4%	30,724
7922	34.7%	30,077
7923	34.4%	29,806
7924	34.3%	29,776
7925	35.0%	30,379
7926	36.0%	31,264
7927	36.6%	31,793
7928	37.7%	32,673
7929	39.0%	33,823
7930	39.9%	34,611
7931	40.6%	35,230
7932	41.6%	36,074
7933	42.6%	36,956
7934	43.2%	37,464
7935	43.3%	37,578
7936	44.7%	38,752
7937	46.2%	40,112
7938	45.9%	39,785
7939	44.8%	38,833
7940	43.6%	37,806
7941	41.5%	36,046
7942	39.2%	33,982
7943	36.7%	31,828
7944	34.9%	30,260
7945	33.7%	29,217
7946	33.0%	28,669
7947	33.0%	28,649
7948	33.9%	29,422
7949	36.0%	31,230
7950	39.5%	34,306
7951	41.6%	36,125
7952	42.3%	36,742
7953	42.3%	36,710
7954	40.0%	34,710
7955	39.7%	34,444
7956	40.5%	35,156
7957	40.6%	35,257
7958	42.1%	36,484
7959	43.8%	37,998
7960	46.8%	40,572
7961	49.7%	43,080
7962	49.5%	42,926
7963	48.8%	42,322
7964	47.7%	41,399
7965	45.6%	39,574
7966	42.8%	37,141
7967	40.1%	34,827
7968	38.3%	33,238
7969	37.5%	32,496
7970	37.1%	32,168
7971	37.2%	32,292
7972	38.1%	33,045
7973	40.2%	34,920
7974	44.3%	38,403
7975	46.2%	40,064
7976	45.3%	39,279

7977	43.9%	38,100
7978	42.6%	36,981
7979	42.1%	36,506
7980	41.5%	36,049
7981	42.2%	36,627
7982	43.0%	37,340
7983	44.9%	38,936
7984	48.5%	42,067
7985	51.6%	44,803
7986	51.7%	44,826
7987	51.0%	44,268
7988	49.9%	43,284
7989	47.8%	41,447
7990	44.6%	38,721
7991	41.9%	36,373
7992	39.7%	34,424
7993	38.4%	33,340
7994	37.6%	32,615
7995	37.6%	32,584
7996	38.0%	32,995
7997	39.8%	34,523
7998	43.4%	37,679
7999	45.7%	39,634
8000	46.6%	40,466
8001	47.4%	41,113
8002	47.6%	41,329
8003	47.7%	41,385
8004	47.5%	41,177
8005	47.4%	41,108
8006	46.8%	40,633
8007	46.9%	40,730
8008	48.7%	42,239
8009	49.8%	43,215
8010	49.3%	42,792
8011	48.6%	42,201
8012	47.7%	41,423
8013	46.0%	39,937
8014	43.3%	37,563
8015	40.9%	35,442
8016	39.1%	33,896
8017	38.1%	33,037
8018	37.8%	32,829
8019	37.9%	32,842
8020	38.7%	33,619
8021	40.9%	35,504
8022	44.9%	38,952
8023	46.7%	40,511
8024	45.8%	39,722
8025	43.3%	37,564
8026	42.5%	36,838
8027	41.7%	36,186
8028	40.7%	35,295
8029	40.7%	35,274
8030	42.6%	36,958
8031	45.4%	39,428
8032	49.1%	42,620
8033	52.2%	45,265
8034	52.1%	45,240
8035	51.6%	44,774
8036	50.6%	43,912
8037	48.6%	42,186
8038	45.7%	39,651
8039	43.0%	37,275
8040	40.8%	35,400
8041	39.7%	34,435
8042	39.3%	34,129
8043	39.4%	34,146
8044	40.2%	34,889
8045	42.4%	36,787
8046	46.1%	40,014
8047	48.1%	41,720
8048	46.5%	40,363
8049	43.8%	37,958
8050	41.4%	35,890
8051	40.0%	34,672
8052	39.5%	34,259
8053	40.1%	34,832
8054	42.0%	36,432
8055	44.7%	38,803
8056	48.0%	41,640
8057	50.8%	44,073
8058	50.5%	43,822
8059	49.6%	42,994
8060	48.4%	41,959
8061	46.5%	40,329
8062	44.0%	38,136
8063	41.2%	35,760
8064	38.8%	33,700
8065	37.2%	32,267
8066	36.1%	31,348
8067	35.5%	30,824
8068	35.4%	30,678
8069	35.9%	31,120
8070	37.1%	32,217
8071	38.9%	33,729
8072	40.9%	35,494
8073	42.7%	37,016
8074	43.7%	37,872
8075	44.0%	38,182
8076	44.0%	38,210
8077	43.7%	37,882
8078	42.6%	36,952
8079	42.4%	36,763
8080	44.0%	38,198
8081	46.0%	39,950

8082	45.6%	39,559
8083	45.0%	39,007
8084	44.3%	38,434
8085	43.4%	37,619
8086	41.6%	36,064
8087	39.6%	34,334
8088	37.8%	32,799
8089	36.7%	31,842
8090	36.1%	31,292
8091	35.9%	31,143
8092	36.2%	31,379
8093	37.0%	32,121
8094	38.2%	33,142
8095	38.9%	33,738
8096	38.1%	33,050
8097	36.3%	31,484
8098	34.8%	30,176
8099	34.1%	29,608
8100	34.6%	29,993
8101	35.9%	31,109
8102	37.9%	32,862
8103	40.5%	35,130
8104	44.6%	38,723
8105	48.6%	42,183
8106	49.1%	42,577
8107	48.6%	42,167
8108	47.6%	41,309
8109	46.2%	40,049
8110	43.8%	37,997
8111	41.3%	35,816
8112	39.5%	34,229
8113	38.6%	33,476
8114	38.3%	33,248
8115	38.6%	33,477
8116	39.6%	34,365
8117	42.0%	36,454
8118	46.0%	39,905
8119	48.2%	41,848
8120	46.9%	40,658
8121	43.9%	38,078
8122	41.4%	35,931
8123	40.1%	34,810
8124	41.2%	35,702
8125	41.2%	35,731
8126	42.2%	36,598
8127	44.7%	38,776
8128	48.5%	42,043
8129	52.1%	45,168
8130	52.3%	45,414
8131	51.6%	44,782
8132	50.7%	43,987
8133	48.7%	42,281
8134	45.6%	39,554
8135	42.5%	36,864
8136	40.3%	34,947
8137	38.9%	33,718
8138	38.2%	33,126
8139	38.0%	32,945
8140	38.3%	33,224
8141	40.4%	35,013
8142	43.7%	37,886
8143	46.1%	39,992
8144	46.9%	40,669
8145	46.8%	40,573
8146	46.6%	40,452
8147	46.7%	40,479
8148	46.3%	40,209
8149	46.5%	40,317
8150	46.8%	40,619
8151	47.5%	41,235
8152	49.8%	43,211
8153	51.4%	44,564
8154	50.7%	43,981
8155	49.5%	42,984
8156	48.0%	41,602
8157	45.0%	39,084
8158	41.8%	36,281
8159	38.7%	33,611
8160	36.2%	31,398
8161	34.8%	30,174
8162	34.0%	29,534
8163	33.7%	29,279
8164	34.2%	29,639
8165	36.0%	31,194
8166	39.6%	34,362
8167	43.0%	37,345
8168	44.3%	38,426
8169	44.9%	38,917
8170	45.0%	39,072
8171	45.5%	39,437
8172	45.3%	39,290
8173	45.4%	39,415
8174	45.5%	39,470
8175	45.9%	39,786
8176	48.2%	41,822
8177	49.9%	43,256
8178	49.2%	42,711
8179	48.3%	41,882
8180	46.9%	40,693
8181	44.5%	38,603
8182	41.0%	35,600
8183	38.0%	32,997
8184	36.0%	31,213
8185	34.7%	30,100
8186	34.0%	29,472

8187	33.9%	29,434
8188	34.5%	29,968
8189	37.3%	32,367
8190	41.2%	35,703
8191	43.0%	37,329
8192	43.1%	37,354
8193	42.2%	36,630
8194	41.4%	35,913
8195	40.5%	35,133
8196	41.2%	35,727
8197	41.7%	36,198
8198	42.6%	36,925
8199	44.6%	38,666
8200	48.0%	41,644
8201	50.6%	43,907
8202	50.4%	43,739
8203	49.7%	43,083
8204	48.6%	42,144
8205	46.6%	40,450
8206	43.1%	37,361
8207	40.1%	34,815
8208	38.0%	32,961
8209	36.8%	31,929
8210	36.4%	31,590
8211	36.5%	31,681
8212	37.4%	32,446
8213	40.2%	34,854
8214	44.3%	38,450
8215	46.4%	40,293
8216	45.5%	39,484
8217	43.3%	37,566
8218	41.0%	35,604
8219	39.7%	34,401
8220	39.2%	33,982
8221	40.0%	34,666
8222	41.9%	36,354
8223	44.5%	38,619
8224	48.2%	41,779
8225	51.5%	44,680
8226	51.4%	44,638
8227	50.7%	44,007
8228	49.9%	43,321
8229	48.6%	42,131
8230	46.3%	40,158
8231	43.9%	38,094
8232	41.6%	36,080
8233	40.2%	34,904
8234	39.5%	34,296
8235	39.4%	34,158
8236	39.7%	34,418
8237	40.4%	35,088
8238	42.4%	36,760
8239	43.2%	37,501
8240	43.1%	37,431
8241	41.6%	36,069
8242	39.9%	34,636
8243	39.1%	33,881
8244	38.6%	33,478
8245	39.4%	34,143
8246	41.2%	35,719
8247	43.5%	37,757
8248	47.1%	40,852
8249	49.5%	42,922
8250	48.9%	42,430
8251	48.1%	41,691
8252	47.4%	41,101
8253	46.0%	39,950
8254	44.0%	38,202
8255	41.5%	36,034
8256	39.5%	34,251
8257	38.0%	33,012
8258	37.2%	32,310
8259	36.7%	31,876
8260	36.7%	31,847
8261	37.2%	32,290
8262	38.2%	33,182
8263	39.3%	34,113
8264	40.6%	35,209
8265	42.0%	36,437
8266	42.9%	37,202
8267	43.7%	37,957
8268	44.5%	38,594
8269	44.9%	38,953
8270	45.1%	39,165
8271	45.7%	39,624
8272	48.2%	41,832
8273	50.2%	43,525
8274	50.1%	43,465
8275	49.5%	42,948
8276	48.5%	42,045
8277	46.6%	40,448
8278	44.0%	38,204
8279	41.3%	35,826
8280	39.2%	34,051
8281	38.1%	33,085
8282	37.7%	32,681
8283	37.7%	32,703
8284	38.6%	33,510
8285	41.9%	36,513
8286	45.8%	39,700
8287	48.2%	41,861
8288	48.3%	41,908
8289	47.1%	40,832
8290	46.6%	40,463
8291	47.0%	40,763

8292	47.2%	40,911
8293	48.0%	41,624
8294	48.7%	42,293
8295	50.0%	43,383
8296	53.3%	46,253
8297	55.7%	48,319
8298	55.1%	47,772
8299	54.2%	46,985
8300	53.0%	45,958
8301	51.0%	44,221
8302	47.9%	41,520
8303	44.8%	38,883
8304	42.5%	36,879
8305	41.4%	35,961
8306	40.9%	35,524
8307	40.9%	35,506
8308	41.7%	36,203
8309	44.1%	38,231
8310	48.3%	41,924
8311	50.6%	43,870
8312	49.5%	42,944
8313	47.0%	40,736
8314	44.5%	38,600
8315	43.0%	37,309
8316	42.2%	36,593
8317	42.7%	37,039
8318	44.4%	38,530
8319	47.0%	40,784
8320	51.3%	44,482
8321	55.0%	47,755
8322	55.1%	47,769
8323	54.7%	47,469
8324	53.6%	46,508
8325	51.5%	44,701
8326	48.3%	41,864
8327	45.1%	39,098
8328	42.9%	37,208
8329	41.6%	36,094
8330	41.3%	35,801
8331	41.3%	35,793
8332	42.0%	36,438
8333	44.1%	38,284
8334	48.2%	41,841
8335	50.4%	43,702
8336	49.0%	42,556
8337	46.5%	40,382
8338	44.2%	38,384
8339	42.9%	37,198
8340	42.8%	37,161
8341	44.1%	38,304
8342	46.4%	40,223
8343	48.5%	42,045
8344	51.8%	44,930
8345	55.2%	47,866
8346	55.2%	47,920
8347	54.6%	47,389
8348	53.5%	46,438
8349	51.5%	44,648
8350	48.3%	41,906
8351	45.0%	39,025
8352	42.7%	37,015
8353	41.3%	35,852
8354	40.6%	35,212
8355	40.4%	35,078
8356	41.1%	35,629
8357	43.1%	37,395
8358	46.7%	40,516
8359	49.5%	42,932
8360	50.3%	43,632
8361	51.0%	44,287
8362	51.5%	44,684
8363	51.8%	44,933
8364	51.8%	44,945
8365	51.8%	44,925
8366	51.8%	44,957
8367	52.0%	45,097
8368	54.0%	46,871
8369	55.3%	48,003
8370	54.4%	47,237
8371	53.3%	46,201
8372	51.8%	44,953
8373	49.5%	42,941
8374	46.1%	39,957
8375	42.9%	37,178
8376	40.2%	34,880
8377	38.7%	33,607
8378	37.8%	32,774
8379	37.6%	32,633
8380	38.2%	33,179
8381	40.0%	34,742
8382	43.5%	37,750
8383	46.2%	40,040
8384	47.1%	40,885
8385	47.9%	41,522
8386	47.9%	41,564
8387	47.9%	41,526
8388	47.9%	41,600
8389	47.9%	41,558
8390	48.2%	41,793
8391	48.9%	42,441
8392	51.1%	44,343
8393	53.1%	46,108
8394	52.4%	45,477
8395	51.3%	44,531
8396	50.0%	43,409

8397	48.3%	41,933
8398	45.7%	39,647
8399	42.9%	37,215
8400	40.5%	35,176
8401	39.2%	33,994
8402	38.3%	33,228
8403	38.1%	33,023
8404	38.4%	33,332
8405	39.2%	34,029
8406	40.8%	35,370
8407	41.9%	36,394
8408	41.8%	36,261
8409	40.3%	34,964
8410	38.6%	33,499
8411	38.8%	33,675
8412	40.3%	34,928
8413	40.7%	35,336
8414	41.9%	36,392
8415	44.0%	38,164
8416	47.1%	40,821
8417	49.8%	43,181
8418	49.7%	43,142
8419	49.1%	42,598
8420	48.4%	41,973
8421	47.3%	41,042
8422	45.3%	39,288
8423	43.0%	37,266
8424	40.9%	35,445
8425	39.4%	34,223
8426	38.6%	33,465
8427	38.2%	33,099
8428	38.3%	33,195
8429	39.0%	33,815
8430	40.1%	34,802
8431	41.2%	35,754
8432	41.4%	35,949
8433	40.5%	35,123
8434	39.1%	33,899
8435	38.7%	33,614
8436	40.1%	34,771
8437	41.1%	35,693
8438	42.4%	36,813
8439	44.1%	38,297
8440	47.7%	41,405
8441	51.5%	44,672
8442	51.9%	45,014
8443	51.6%	44,773
8444	50.9%	44,141
8445	49.4%	42,855
8446	47.1%	40,829
8447	44.2%	38,342
8448	41.9%	36,346
8449	40.7%	35,275
8450	40.1%	34,814
8451	40.1%	34,829
8452	41.0%	35,615
8453	43.4%	37,664
8454	47.4%	41,116
8455	50.0%	43,347
8456	49.3%	42,736
8457	46.7%	40,487
8458	44.8%	38,884
8459	44.4%	38,553
8460	45.1%	39,172
8461	46.5%	40,376
8462	48.8%	42,325
8463	51.1%	44,372
8464	54.2%	47,050
8465	56.9%	49,379
8466	56.7%	49,196
8467	55.9%	48,523
8468	54.7%	47,432
8469	52.6%	45,665
8470	49.4%	42,860
8471	46.1%	39,977
8472	43.6%	37,843
8473	42.3%	36,706
8474	41.5%	36,021
8475	41.6%	36,083
8476	42.3%	36,706
8477	44.5%	38,605
8478	48.4%	41,980
8479	50.9%	44,161
8480	49.7%	43,118
8481	47.0%	40,736
8482	44.2%	38,346
8483	42.5%	36,875
8484	42.0%	36,404
8485	42.7%	37,079
8486	44.7%	38,758
8487	47.4%	41,158
8488	51.4%	44,594
8489	55.4%	48,026
8490	55.5%	48,154
8491	54.9%	47,592
8492	54.0%	46,843
8493	52.1%	45,236
8494	49.1%	42,565
8495	46.0%	39,887
8496	43.7%	37,926
8497	42.3%	36,680
8498	41.8%	36,231
8499	41.9%	36,341
8500	42.6%	36,966
8501	44.8%	38,902

8502	48.8%	42,327
8503	51.2%	44,405
8504	50.3%	43,643
8505	48.0%	41,657
8506	45.5%	39,515
8507	43.5%	37,779
8508	42.2%	36,646
8509	42.5%	36,908
8510	44.3%	38,464
8511	47.0%	40,777
8512	51.0%	44,240
8513	54.8%	47,546
8514	55.1%	47,824
8515	54.5%	47,302
8516	53.7%	46,565
8517	52.0%	45,110
8518	49.0%	42,493
8519	45.8%	39,739
8520	43.6%	37,810
8521	42.0%	36,420
8522	41.2%	35,748
8523	41.1%	35,688
8524	41.6%	36,121
8525	43.5%	37,766
8526	47.3%	41,032
8527	49.9%	43,317
8528	49.9%	43,282
8529	50.0%	43,354
8530	51.1%	44,299
8531	51.5%	44,694
8532	51.4%	44,629
8533	51.3%	44,537
8534	51.1%	44,331
8535	51.2%	44,393
8536	53.1%	46,050
8537	54.5%	47,317
8538	53.8%	46,638
8539	52.5%	45,586
8540	51.2%	44,425
8541	49.1%	42,570
8542	46.0%	39,927
8543	42.6%	36,980
8544	39.6%	34,383
8545	37.8%	32,830
8546	36.8%	31,924
8547	36.1%	31,356
8548	36.2%	31,433
8549	37.6%	32,625
8550	40.5%	35,152
8551	42.8%	37,158
8552	44.6%	38,671
8553	45.8%	39,755
8554	46.4%	40,259
8555	46.5%	40,317
8556	47.2%	40,981
8557	48.0%	41,652
8558	48.4%	41,978
8559	50.9%	44,147
8560	54.4%	47,237
8561	58.3%	50,550
8562	58.6%	50,820
8563	58.4%	50,626
8564	58.1%	50,406
8565	56.9%	49,399
8566	55.0%	47,676
8567	52.6%	45,619
8568	50.6%	43,888
8569	49.2%	42,678
8570	48.4%	41,972
8571	47.9%	41,596
8572	48.2%	41,817
8573	49.2%	42,664
8574	50.4%	43,765
8575	51.6%	44,811
8576	52.1%	45,165
8577	51.1%	44,334
8578	49.6%	43,042
8579	48.6%	42,180
8580	49.3%	42,732
8581	51.2%	44,383
8582	51.5%	44,706
8583	53.4%	46,334
8584	56.8%	49,254
8585	59.5%	51,639
8586	59.0%	51,190
8587	58.0%	50,323
8588	57.4%	49,778
8589	56.3%	48,889
8590	54.9%	47,628
8591	52.7%	45,693
8592	50.7%	43,951
8593	49.2%	42,667
8594	48.2%	41,832
8595	47.6%	41,298
8596	47.3%	41,059
8597	47.6%	41,339
8598	48.3%	41,890
8599	49.1%	42,599
8600	48.6%	42,152
8601	46.4%	40,254
8602	44.1%	38,298
8603	42.9%	37,219
8604	42.6%	36,999
8605	43.2%	37,451
8606	44.7%	38,756

8607	47.3%	41,028
8608	50.6%	43,896
8609	53.4%	46,367
8610	53.5%	46,422
8611	53.3%	46,259
8612	53.2%	46,193
8613	52.8%	45,776
8614	51.3%	44,482
8615	49.1%	42,638
8616	47.3%	41,060
8617	46.1%	40,033
8618	45.5%	39,451
8619	45.3%	39,267
8620	45.7%	39,651
8621	46.6%	40,462
8622	48.2%	41,830
8623	49.0%	42,507
8624	48.3%	41,936
8625	46.6%	40,428
8626	44.9%	38,939
8627	43.7%	37,939
8628	43.4%	37,694
8629	44.4%	38,555
8630	47.3%	41,048
8631	50.6%	43,867
8632	53.9%	46,797
8633	56.8%	49,237
8634	56.6%	49,144
8635	55.8%	48,392
8636	54.7%	47,426
8637	52.9%	45,899
8638	50.4%	43,714
8639	47.3%	41,073
8640	44.9%	38,971
8641	43.5%	37,703
8642	42.8%	37,143
8643	42.6%	36,957
8644	43.0%	37,318
8645	44.6%	38,682
8646	47.3%	41,014
8647	49.4%	42,836
8648	50.6%	43,861
8649	50.5%	43,817
8650	49.0%	42,511
8651	47.6%	41,282
8652	46.6%	40,457
8653	47.0%	40,810
8654	48.1%	41,768
8655	49.9%	43,315
8656	53.4%	46,289
8657	56.6%	49,139
8658	56.1%	48,670
8659	55.0%	47,751
8660	53.7%	46,582
8661	51.7%	44,852
8662	48.9%	42,438
8663	46.0%	39,944
8664	43.9%	38,081
8665	42.6%	36,936
8666	41.9%	36,325
8667	41.8%	36,263
8668	42.6%	36,957
8669	44.2%	38,343
8670	47.2%	40,957
8671	48.8%	42,307
8672	48.8%	42,346
8673	46.7%	40,479
8674	44.2%	38,346
8675	42.7%	37,009
8676	42.0%	36,426
8677	42.1%	36,534
8678	43.6%	37,829
8679	45.9%	39,865
8680	49.1%	42,580
8681	52.9%	45,906
8682	53.0%	46,009
8683	52.4%	45,449
8684	51.3%	44,485
8685	49.4%	42,866
8686	46.9%	40,685
8687	44.1%	38,245
8688	41.9%	36,395
8689	40.8%	35,416
8690	40.1%	34,763
8691	39.8%	34,566
8692	40.6%	35,239
8693	42.7%	37,048
8694	45.5%	39,505
8695	47.1%	40,861
8696	46.8%	40,647
8697	45.7%	39,610
8698	43.8%	38,022
8699	42.2%	36,651
8700	40.7%	35,346
8701	40.8%	35,383
8702	42.2%	36,632
8703	44.2%	38,370
8704	47.2%	40,960
8705	50.9%	44,195
8706	51.0%	44,217
8707	50.3%	43,631
8708	49.4%	42,892
8709	47.8%	41,475
8710	45.5%	39,455
8711	42.9%	37,194

8712	40.6%	35,225
8713	39.1%	33,935
8714	38.3%	33,241
8715	38.2%	33,161
8716	38.7%	33,533
8717	40.4%	35,063
8718	42.8%	37,117
8719	44.4%	38,488
8720	44.0%	38,170
8721	42.0%	36,396
8722	39.7%	34,471
8723	38.3%	33,188
8724	37.5%	32,524
8725	37.8%	32,806
8726	39.2%	34,040
8727	41.1%	35,699
8728	44.1%	38,303
8729	47.4%	41,160
8730	47.4%	41,168
8731	46.8%	40,606
8732	46.0%	39,945
8733	44.7%	38,764
8734	42.7%	37,019
8735	40.3%	34,924
8736	38.1%	33,063
8737	36.6%	31,778
8738	35.7%	30,936
8739	35.2%	30,538
8740	35.0%	30,400
8741	35.5%	30,801
8742	36.2%	31,440
8743	37.4%	32,451
8744	38.6%	33,505
8745	40.2%	34,837
8746	41.1%	35,629
8747	41.4%	35,897
8748	41.5%	36,026
8749	41.7%	36,204
8750	41.7%	36,206
8751	42.3%	36,686
8752	44.4%	38,509
8753	46.5%	40,358
8754	46.1%	40,014
8755	44.7%	38,752
8756	43.2%	37,518
8757	41.7%	36,180
8758	40.1%	34,776
8759	38.6%	33,480

Levelized Cost Calculation

Discount rate 4.0% real

OSW

Capital Cost	\$7,000 per kW	EIA+20%	LCOE:	\$176.34 20 year life
Capacity Factor	\$0			\$146.08 30 year life
O&M	\$35 \$/MWh	NREL		

Year	Capital Cost per	Output (MWh)	Present Value	PV Output
	MW	per MW)		
1	\$7,000,000	3504.00	\$122,640	\$6,848,692
2		3504.00	\$122,640	\$113,388
3		3504.00	\$122,640	\$109,027
4		3504.00	\$122,640	\$104,833
5		3504.00	\$122,640	\$100,801
6		3504.00	\$122,640	\$96,924
7		3504.00	\$122,640	\$93,196
8		3504.00	\$122,640	\$89,612
9		3504.00	\$122,640	\$86,165
10		3504.00	\$122,640	\$82,851
11		3504.00	\$122,640	\$79,665
12		3504.00	\$122,640	\$76,601
13		3504.00	\$122,640	\$73,654
14		3504.00	\$122,640	\$70,822
15		3504.00	\$122,640	\$68,098
16		3504.00	\$122,640	\$65,478
17		3504.00	\$122,640	\$62,960
18		3504.00	\$122,640	\$60,539
19		3504.00	\$122,640	\$58,210
20		3504.00	\$122,640	\$55,971
21		3504.00	\$122,640	\$53,819
22		3504.00	\$122,640	\$51,749
23		3504.00	\$122,640	\$49,758
24		3504.00	\$122,640	\$47,844
25		3504.00	\$122,640	\$46,004
26		3504.00	\$122,640	\$44,235
27		3504.00	\$122,640	\$42,534
28		3504.00	\$122,640	\$40,898
29		3504.00	\$122,640	\$39,325
30		3504.00	\$122,640	\$37,812
			\$8,397,487	47620.50

EVs on Road (all vehicles)	Lost Sales Tax (Avg EV price \$60000)	Charging System Cost (\$1000 each)	Local Distribution System			Cost Difference (avg. \$15000 per vehicle)	Heat	Million gallons
			Gas Tax Loss	Upgrade Cost	Total Additional Cost			
2022	25,000	\$99,375,000	\$25,000,000	\$8,333,333	\$93,750,000	\$226,458,333	\$375,000,000	90000 327.6 7.8 million barrels ethanol
2023	116,667	\$364,375,000	\$91,666,667	\$38,888,889	\$343,750,000	\$838,680,556	\$1,375,000,000	118000 12.6 0.3 biodiesel
2024	208,333	\$364,375,000	\$91,666,667	\$69,444,444	\$343,750,000	\$869,236,111	\$1,375,000,000	
2025	300,000	\$364,375,000	\$91,666,667	\$100,000,000	\$343,750,000	\$899,791,667	\$1,375,000,000	29.484 Total TBTus
2026	470,000	\$675,750,000	\$170,000,000	\$156,666,667	\$637,500,000	\$1,639,916,667	\$2,550,000,000	1.4868
2027	640,000	\$675,750,000	\$170,000,000	\$213,333,333	\$637,500,000	\$1,696,583,333	\$2,550,000,000	30.9708
2028	810,000	\$675,750,000	\$170,000,000	\$270,000,000	\$637,500,000	\$1,753,250,000	\$2,550,000,000	
2029	980,000	\$675,750,000	\$170,000,000	\$326,666,667	\$637,500,000	\$1,809,916,667	\$2,550,000,000	
2030	1,150,000	\$675,750,000	\$170,000,000	\$383,333,333	\$637,500,000	\$1,866,583,333	\$2,550,000,000	
2031	1,320,000	\$675,750,000	\$170,000,000	\$440,000,000	\$637,500,000	\$1,923,250,000	\$2,550,000,000	
2032	1,490,000	\$675,750,000	\$170,000,000	\$496,666,667	\$637,500,000	\$1,979,916,667	\$2,550,000,000	
2033	1,660,000	\$675,750,000	\$170,000,000	\$553,333,333	\$637,500,000	\$2,036,583,333	\$2,550,000,000	
2034	1,830,000	\$675,750,000	\$170,000,000	\$610,000,000	\$637,500,000	\$2,093,250,000	\$2,550,000,000	
2035	2,000,000	\$675,750,000	\$170,000,000	\$666,666,667	\$637,500,000	\$2,149,916,667	\$2,550,000,000	
2036	2,266,667	\$1,060,000,000	\$266,666,667	\$755,555,556	\$1,000,000,000	\$3,082,222,222	\$4,000,000,000	
2037	2,533,333	\$1,060,000,000	\$266,666,667	\$844,444,444	\$1,000,000,000	\$3,171,111,111	\$4,000,000,000	
2038	2,800,000	\$1,060,000,000	\$266,666,667	\$933,333,333	\$1,000,000,000	\$3,260,000,000	\$4,000,000,000	
2039	3,066,667	\$1,060,000,000	\$266,666,667	\$1,022,222,222	\$1,000,000,000	\$3,348,888,889	\$4,000,000,000	
2040	3,333,333	\$1,060,000,000	\$266,666,667	\$1,111,111,111	\$1,000,000,000	\$3,437,777,778	\$4,000,000,000	
2041	3,600,000	\$1,060,000,000	\$266,666,667	\$1,200,000,000	\$1,000,000,000	\$3,526,666,667	\$4,000,000,000	
2042	3,866,667	\$1,060,000,000	\$266,666,667	\$1,288,888,889	\$1,000,000,000	\$3,615,555,556	\$4,000,000,000	
2043	4,133,333	\$1,060,000,000	\$266,666,667	\$1,377,777,778	\$1,000,000,000	\$3,704,444,444	\$4,000,000,000	
2044	4,400,000	\$1,060,000,000	\$266,666,667	\$1,466,666,667	\$1,000,000,000	\$3,793,333,333	\$4,000,000,000	
2045	4,666,667	\$1,060,000,000	\$266,666,667	\$1,555,555,556	\$1,000,000,000	\$3,882,222,222	\$4,000,000,000	
2046	4,933,333	\$1,060,000,000	\$266,666,667	\$1,644,444,444	\$1,000,000,000	\$3,971,111,111	\$4,000,000,000	
2047	5,200,000	\$1,060,000,000	\$266,666,667	\$1,733,333,333	\$1,000,000,000	\$4,060,000,000	\$4,000,000,000	
2048	5,466,667	\$1,060,000,000	\$266,666,667	\$1,822,222,222	\$1,000,000,000	\$4,148,888,889	\$4,000,000,000	
2049	5,733,333	\$1,060,000,000	\$266,666,667	\$1,911,111,111	\$1,000,000,000	\$4,237,777,778	\$4,000,000,000	
2050	6,000,000	\$1,060,000,000	\$266,666,667	\$2,000,000,000	\$1,000,000,000	\$4,326,666,667	\$4,000,000,000	