



April 13, 2015

The Honorable Felicia Marcus
c/o Jessica Bean, Engineering Geologist
State Water Resources Control Board
1001 I Street, 24th Floor
Sacramento, CA 95814

Subject: Comment Letter – Proposed Drought Regulation Framework Modifications

Dear Chair Marcus:

Moulton Niguel Water District (MNWD) appreciates the opportunity to provide comments to the Mandatory Conservation Proposed Regulatory Framework by the State Water Resources Control Board (SWRCB). The Emergency Water Conservation Regulation mandated by the SWRCB has elevated public awareness and increased conservation efforts by water agencies throughout the State. Your approval of MNWD's Alternate Plan for Demand Reductions (Plan) has been integral in expanding our conservation efforts and promoting the value of sustained approaches to water use efficiency through our water budget based rate structure. We are on the path outlined per the Plan as a number of policies have been implemented to integrate demand side management into the entire organization as a critical function to maximize the efficiency of every drop of water possible. MNWD proposes the following modifications for your consideration to the SWRCB Mandatory Conservation Framework to continue in our success with the Alternate Plan and further expand our efforts to do more:

- Utilization of the reported June 2014 to February 2015 average residential gallons per capita per day (GPCD) to calculate the residential gallons per capita for determination of the tier for percentage reduction of water consumption
- Additional tiers to provide better resolution on reduction of water consumption
- Expansion of the Alternate Plan for Long Term Sustained Conservation resulting from permanent efficiency measures and behavioral shifts that exceed 25% reduction in overall water use

In order to build off the momentum of the actions achieved from the Alternate Plan and move forward into the future along the path of long term behavioral shifts, the District proposes an expansion of the Alternate Plan under the Mandatory Conservation Framework. Due to the efforts of the Alternate Plan, the District is trending towards its lowest usage since 1991 even though 80,000 additional residents are served by the District today. And this year, more than 90 percent of our customers are staying within their water budget, the highest percentage we've seen since the implementation of the water budget based rate structure. Our story offers a unique case study in achieving both immediate and long term efficiency goals while maintaining trust and credibility with the public and ensuring the financial health for the utility in providing critical public services.

The most critical issue in meeting the challenge of the current drought and a potentially extended "mega-drought" is a massive shift in outdoor use norms. Within this goal, the District proposes a comprehensive plan for demand reductions in a time-phased approach to create a permanent reduction in demand that is potentially greater than 25%.

The critical components of the plan are:

- Tighten water budgets by implementing the Water Shortage Contingency Plan
- Drought-proof landscaping District-wide
- Recycled Water Master Plan to expand recycled water use by over 1,000 AF per year
- Implement Advanced Metering Infrastructure (AMI) to provide real time consumption data through customer portals with social normative messaging to customers
- System-wide program for water loss and leak detection
- Expand existing outreach campaign to target outdoor and CII (commercial, institutional, industrial) water use
- Enhance outreach/education efforts to cause behavioral shift in how people think about water

MNWD will implement the programs thoughtfully to avoid temporary cutbacks that rebound and change outdoor water use behavior permanently.

The District has the policy lever through its rate structure to achieve the 25% reduction in usage proposed in the draft framework; however, we are concerned that using that option without being phased in could prove counterproductive to long-term conservation goals. Therefore, we propose courses of actions that are immediate, secondary and subsequent, which will achieve the Governor's charge in a pragmatic manner resulting in sustained success. In order to transition the District towards sustainable outdoor water use using California natives and Mediterranean plants, we need time. New plants require an establishment period of approximately 12 months. The amount of outdoor irrigation water provided in the framework would not meet the watering requirements of the native plants during their establishment period. The concern is that customers with lawns and other high water use landscapes would simply kill the landscape creating tension between our customers and the District. In addition, due to the lost trust, customers could replant their lawns at the end of the drought. A phased roadmap provides customers the opportunity to adjust and make changes to their water use patterns permanently. The District has spent the past years building up the trust of the community and using the punitive higher stages of the Water Shortage Contingency Plan without a ramp up approach would hurt that earned relationship. Additionally, such a large reduction in potable water use can negatively impact the supply of recycled water in the summer months. At present, the District meets 25% of total water demand with recycled water. Currently, the demand for recycled water exceeds availability during certain times of the year requiring the purchase of "make up" potable water.

Immediate Actions (Within 6 months):

- Implement Stage 2 of the District's new Water Shortage Contingency Plan penalizing customers for going over their water budget, prohibiting the use of potable water on golf greens, and eliminating variance and bill adjustments.
- Increase MNWD financial commitment in dedicated outreach efforts and focused marketing to further increase outdoor rebate program participation even higher than the current enhanced levels.
- Develop a Recycled Water Master Plan to retrofit over 325 additional sites and maximize its use within and surrounding the District boundaries
- Convert all bi-monthly meters (potable irrigation, commercial, and multi-family) to monthly reads
- Conduct District-wide customer surveys to better understand customer motivation to increase participation in water use efficiency programs. MNWD would partner with academic institutions to perform detailed analysis to aid in future demand management strategies.

MNWD Comment Letter – Proposed Drought Regulation Framework Modifications

April 13, 2015

Page 3 of 6

- Develop a Rebate Optimization Study based on the above surveys to target rebate programs and marketing to maximize program participation
- Design an outreach program to target and track restaurants and hotels to ensure compliance with the SWRCB regulations
- Expand outreach to commercial and irrigation customers and establish benchmarks for maximum efficiency in these sectors
- Partner with major nurseries such as Home Depot and Loews to jointly promote native landscaping and turf removal.
- Target 100 Home Owners Association in the service area to remove turf and replace with drought tolerant plants

Secondary Actions (6-12 months):

- Escalate the Water Shortage Contingency Plan to tighten water budgets
- Implement Advanced Meter Reading Technology to provide real-time usage data (AMI: Advanced Meter Infrastructure) for all irrigation customers, laying the groundwork to target the most usage per meter accounts.
 - Evaluate replacing all meter accounts with AMI
 - Implement a Customer Portal that gives real-time usage data to increase awareness and promote behavioral shifts
 - Expand Water Loss Control Program using real-time AMI data
- Continue maximizing outdoor landscaping programs and behavior shifts with the results of the rebate optimization study
 - Establishment period of approximately 12 months for native landscaping
 - Develop partnerships to increase participation through public space demonstration and native garden tours
 - Increase incentive and outreach for native landscaping
- Launch a District-wide public campaign to inform the customers about the SWRCB regulations and the Governor's executive order to maximize efficiency

Subsequent Actions:

- Develop a report with yearly benchmarks for outdoor, indoor, and CII usage
- Evaluate Water Shortage Contingency Plan to further tighten water budgets

In addition, the District proposes the following timeline for performance metrics to judge the success of the plan starting July 1, 2015:

- Immediate Actions- 15% Reduction in potable water production from calendar year 2013
- Secondary Actions- 15% - 20% reduction in potable water production from calendar year 2013
- Subsequent Actions - 25% PERMANENT reduction in potable water production from calendar year 2013

The ease of reducing usage by a water agency is highly dependent on a number of factors including, local climate, the irrigation area, population, and the age of buildings. A new community with native outdoor landscapes, and cutting edge indoor appliances will have a much more difficult challenge in reducing potable usage than an area without meters, high water use plants, and old buildings. The key issue is bringing agencies on parity in terms of efficiency. The task of normalizing the efficiency across agencies is no easy task and infeasible within the timeline established by the Governor's Executive

MNWD Comment Letter – Proposed Drought Regulation Framework Modifications

April 13, 2015

Page 4 of 6

Order. MNWD recommends annualizing the R-GPCD metric to account for seasonality and provide some normalization for regional monthly weather differences. Additionally, MNWD recommends increasing the number of tiers to better reflect differences across agencies in their ability to meet reductions in use. The greater the number of tiers, the more that the extremely high water users in the state can help to meet the overall usage reduction. The ideal solution would be that the percentage reduction is a linear function of the annual R-GPCD metric to avoid 10% jumps in target reductions for 1 GPCD increases in total R-GPCD.

The District has attached a proposed methodology for allocation of conservation targets by agency. In the methodology, the first 40 R-GPCD requires no conservation to meet basic health and safety needs. The maximum conservation required by any agency is capped at 40%. In addition, the average reported R-GPCD over June 2014 to February 2015 are used as the basis by which to calculate the conservation target. Comparing the September 2014 to the average shows a number of outliers, who are either much higher than average in September or much lower. The average provides an approximate solution to regional weather normalization based on readily available data to the SWRCB. Finally, based on the prior assumptions, the line from the 40 GPCD floor of 0% up to a maximum conservation target of 40% is solved for to achieve the Governor's goal of a 25% reduction from calendar year 2013 potable water production. The accompanying spreadsheet is attached.

When the Governor declared the drought emergency in January of 2014, we saw it as a great opportunity to increase awareness and focus the public interest on water to implement good policy. We knew that people held a high value for water because of its scarcity, and the timing was right to further promote water efficiency and to prime our customers for future needs to increase rates to ensure a reliable water supply. Additionally, we were able to utilize the water efficiency funds, which are collected from inefficient users in the over-allocation tiers, to partner with cities and school districts on large turf removal projects and provide several million dollars in funding to create long-term savings and encourage behavioral shifts to less thirsty plants. These visible partnerships helped customers understand the value of our integrated rate structure and demand management programs in allowing us to invest in our communities and help them respond to the drought. To add to the momentum, when the State Water Resources Control Board mandated the drought emergency regulations, we saw an unprecedented level of public attention to water statewide. We saw this as yet another opportunity to demonstrate the value of our water budget based rate structure for our customers.

In the Alternate Plan, the District outlined a broad vision for programs and policies to achieve lasting savings and prepare the District for a long term drought. The District has implemented the following programs and policies as proposed in the Alternate Plan submitted August 15, 2014.

- Expanded Water Use Efficiency Program
 - More than 2 million square feet of turf being removed
 - Expended over \$4 million on water use efficiency programs since the Governor's drought emergency declaration in January 2014
 - Hired additional personnel and redirected existing personnel to dedicate resources to increase customer outreach and participation, perform analysis and develop programs to maximize water use efficiency
 - Public/private partnerships to promote water conservation and efficiency programs
- Improved the water budget rate structure
 - Tightened Tiers

MNWD Comment Letter – Proposed Drought Regulation Framework Modifications

April 13, 2015

Page 5 of 6

- Reduced indoor allocation from 65 to 60 GPCD
 - Reduced plant factor from 0.8 to 0.7
 - Incorporated the District’s Water Shortage Contingency Plan as a form of an ordinance into the rate structure to allow immediate response to emergency conditions such as the drought by reducing the allocation without conducting additional Proposition 218 hearings that require time
- Increased Recycled Water Use
 - Approximately 400 AF increase in recycled water use in the last year
 - MNWD was awarded Drought Emergency Funding under Prop 84 to expand the recycled water system to convert an additional 325 services from potable water to recycled water
 - Initiated regional plans to expand recycled water production for future extensions of the recycled water system or to utilize as an indirect potable reuse source
 - Initiated a Recycled Water Master Plan to convert 325 sites to recycled water and partner with surrounding agencies to realize greater delivery among the South Orange County region
- Integrated water use efficiency planning into all District operations
 - Conducted Water Loss Audit to develop a water loss/leak detection program District-wide
 - Restructured the organization to establish demand side management as a core function for all operations

In February 2015, the MNWD Board of Directors adopted new rates and charges including reductions of the plant factor for calculating outdoor water budgets and reductions to the gallons per capita per day allocated for indoor usage. The District modified the Water Shortage Contingency Plan by integrating it into the water budget based rate structure to penalize those customers with the most wasteful uses first during drought situations and reduce allocation without time consuming Prop 218 processes. The end result is an effective tool that drives customers to make the right choice in how they use their water by incentivizing them with lower rates rather than by policing end use and other prescriptive policy instruments to meet supply constraints that were proven to be ineffective in our service area.

There are a number of statewide policies that can help move the entire state towards more sustainable water use. Moulton Niguel Water District currently has one of the highest percentages of recycled water use in California. However, due to the seasonality of irrigation demand for recycled water, the District dumps almost 5,000 AF of treated wastewater into the ocean. Expedition the rulemaking for direct potable reuse would provide Moulton Niguel Water District with a resource that in totality would meet the proposed 25% reduction in potable production.

We remain committed to doing our part to help ensure water reliability for everyone in California and appreciate the leadership of the Governor and the SWRCB in guiding our State into a new era of drought. In these untested times, we have found success by building trust with our customers, taking effective actions, changing the public’s mindset and pursuing new ways to ensure sustained demand management that support the economic health of our region.

MNWD Comment Letter – Proposed Drought Regulation Framework Modifications

April 13, 2015

Page 6 of 6

If you have any questions, please do not hesitate to contact me at (949) 448-4071 or jlopez@mnwd.com.

Thank you,

A handwritten signature in blue ink that reads "Joone Lopez". The signature is written in a cursive, flowing style.

Joone Lopez
General Manager

Supplier Name	Total Water Production		Total Water Saved	Percent Saved	Tier
	2013 (Jun - Feb)	2014/15 (Jun-14 - Feb-15)	(Jun-14 - Feb-15, compared to 2013, gallons)	(Jun-14 - Feb-15, compared to 2013, gallons)	
Cambria Community Services District	166,216,813	95,513,570	70,703,243	43%	1
Vernon City of	1,907,061,769	1,788,380,162	118,681,607	6%	1
Santa Cruz City of	2,527,700,000	1,933,400,000	594,300,000	24%	1
Seal Beach City of	905,215,264	856,337,550	48,877,714	5%	1
San Francisco Public Utilities Commission	20,365,410,000	18,717,900,000	1,647,510,000	8%	1
California Water Service Company South San Francisco	2,075,673,590	1,907,534,254	168,139,336	8%	1
California Water Service Company East Los Angeles	3,998,522,861	3,819,956,279	178,566,582	4%	1
Coastside County Water District	565,550,000	524,430,000	41,120,000	7%	1
California-American Water Company Monterey District	2,903,844,543	2,590,336,368	313,508,175	11%	1
California-American Water Company San Diego District	2,795,094,888	2,578,195,144	216,899,744	8%	1
East Palo Alto, City of	409,886,088	454,911,335	-45,025,247	-11%	1
Golden State Water Company Bell-Bell Gardens	1,279,423,043	1,208,354,847	71,068,196	6%	1
Arcata City of	499,104,000	495,047,000	4,057,000	1%	1
North Coast County Water District	809,332,364	713,333,361	95,999,003	12%	1
Hayward City of	4,474,967,937	3,957,222,483	517,745,455	12%	1
Grover Beach City of	352,828,667	208,202,769	144,625,897	41%	1
Westborough Water District	257,568,499	213,776,790	43,791,709	17%	1
Daly City City of	1,888,066,301	1,622,632,784	265,433,517	14%	2
Park Water Company	2,833,164,110	2,598,821,539	234,342,571	8%	2
San Bruno City of	929,865,974	849,620,197	80,245,777	9%	2
Port Hueneme City of	500,546,894	456,100,759	44,446,135	9%	2
Soquel Creek Water District	1,046,626,000	826,889,000	219,737,000	21%	2
Paramount City of	1,628,999,712	1,623,382,034	5,617,679	0%	2
Golden State Water Company Bay Point	512,238,443	452,672,802	59,565,641	12%	2
Amador Water Agency	899,761,000	773,623,400	126,137,600	14%	2
Golden State Water Company Florence Graham	1,246,577,219	1,227,482,326	19,094,894	2%	2
Compton City of	1,858,895,919	1,837,323,747	21,572,172	1%	2
South Gate City of	2,066,696,383	2,017,629,675	49,066,708	2%	2
Golden State Water Company Southwest	7,303,405,789	6,894,299,322	409,106,467	6%	2
Estero Municipal Improvement District	1,137,677,797	1,077,438,670	60,239,127	5%	2
California Water Service Company King City	428,820,478	403,729,918	25,090,560	6%	2

Menlo Park City of	1,058,240,665	769,095,397	289,145,268	27%	2
Huntington Park City of	1,171,761,731	1,128,423,492	43,338,240	4%	2
Golden State Water Company S San Gabriel	664,867,252	637,528,317	27,338,935	4%	2
Oxnard City of	5,742,131,037	5,086,123,686	656,007,351	11%	2
Redwood City City of	2,525,846,774	2,179,170,327	346,676,447	14%	2
Morro Bay City of	316,836,255	281,236,756	35,599,499	11%	2
Inglewood City of	2,457,964,645	2,284,776,001	173,188,643	7%	2
Goleta Water District	3,523,431,480	3,053,227,871	470,203,609	13%	2
Lompoc City of	1,253,200,000	1,106,800,000	146,400,000	12%	2
City of Big Bear Lake, Dept of Water & Power	610,520,000	590,469,860	20,050,140	3%	2
Sweetwater Springs Water District	208,544,913	177,491,272	31,053,641	15%	2
Golden State Water Company Artesia	1,402,138,690	1,348,796,812	53,341,879	4%	2
McKinleyville Community Service District	344,448,000	300,869,000	43,579,000	13%	2
Golden State Water Company Norwalk	1,214,317,928	1,131,519,080	82,798,848	7%	2
San Lorenzo Valley Water District	416,952,583	335,050,267	81,902,316	20%	2
Mountain View City of	2,967,854,797	2,531,213,885	436,640,912	15%	2
Sweetwater Authority	5,185,495,337	4,886,767,783	298,727,554	6%	2
San Gabriel Valley Water Company	9,747,519,587	9,124,165,807	623,353,780	6%	2
Marina Coast Water District	1,063,425,908	946,396,368	117,029,540	11%	2
Santa Ana City of	9,729,076,397	9,323,684,636	405,391,760	4%	2
Sunnyvale City of	4,612,426,949	3,920,970,221	691,456,728	15%	2
Vallejo City of	4,410,308,000	4,020,375,000	389,933,000	9%	2
Dublin San Ramon Services District	2,779,417,000	1,959,505,000	819,912,000	29%	2
California Water Service Company Dominguez	8,444,765,582	8,077,205,172	367,560,410	4%	2
Montebello Land and Water Company	859,407,071	791,398,619	68,008,451	8%	2
Valley County Water District	2,033,127,821	1,853,913,772	179,214,049	9%	2
Santa Barbara City of	3,348,530,727	2,632,951,217	715,579,509	21%	2
American Canyon, City of	915,968,361	777,155,653	138,812,708	15%	2
Santa Clara City of	5,338,900,000	4,749,500,000	589,400,000	11%	2
Alameda County Water District	10,539,100,000	8,458,900,000	2,080,200,000	20%	2
Crestline Village Water District	185,010,871	167,499,027	17,511,844	9%	2
Monterey Park City of	649,960,000	594,880,000	55,080,000	8%	2
California Water Service Company Redwood Valley	108,182,674	82,440,411	25,742,263	24%	2
Scotts Valley Water District	311,979,632	253,857,835	58,121,797	19%	2
Greenfield, City of	573,049,890	501,684,126	71,365,764	12%	2
California Water Service Company Mid Peninsula	3,986,792,209	3,551,780,554	435,011,655	11%	2
San Diego City of	47,355,303,598	46,452,597,390	902,706,208	2%	2
Long Beach City of	14,658,100,592	13,842,168,619	815,931,973	6%	2
California Water Service Company Salinas District	4,612,101,098	4,065,974,106	546,126,992	12%	2
Pomona City of	5,817,361,333	5,468,536,077	348,825,256	6%	2
Rohnert Park City of	1,267,000,000	1,124,000,000	143,000,000	11%	2
East Bay Municipal Utilities District	52,390,500,000	46,127,500,000	6,263,000,000	12%	2
Lynwood City of	1,264,349,156	1,237,371,916	26,977,240	2%	2

Hi-Desert Water District	744,117,577	733,074,472	11,043,105	1%	2
Golden State Water Company Culver City	1,415,824,450	1,344,756,254	71,068,196	5%	2
Hawthorne City of	1,070,747,789	1,135,592,223	-64,844,434	-6%	2
Santa Rosa City of	5,454,466,874	4,447,473,373	1,006,993,501	18%	2
Windsor, Town of	963,136,985	817,896,531	145,240,453	15%	2
Millbrae City of	668,885,610	603,267,242	65,618,369	10%	2
Burlingame City of	1,288,363,748	1,075,113,151	213,250,598	17%	2
Great Oaks Water Company Incorporated	2,641,791,567	2,210,783,322	431,008,244	16%	2
California Water Service Company Oroville	830,595,287	682,007,037	148,588,251	18%	2
Westminster City of	3,064,371,990	2,956,971,359	107,400,630	4%	2
San Buenaventura City of	4,446,346,994	3,813,888,925	632,458,069	14%	2
Otay Water District	8,209,272,756	7,888,634,952	320,637,804	4%	2
Fountain Valley City of	2,438,968,604	2,305,516,153	133,452,452	5%	2
Santa Fe Springs City of	1,526,056,730	1,408,567,739	117,488,991	8%	2
California Water Service Company Stockton	6,808,665,567	6,318,910,872	489,754,695	7%	2
Golden State Water Company West Orange	4,000,477,969	3,830,090,258	170,387,711	4%	2
Irvine Ranch Water District	15,406,744,246	15,015,266,341	391,477,904	3%	2
Adelanto city of	1,091,834,544	993,603,394	98,231,150	9%	2
Los Angeles Department of Water and Power	139,452,680,105	130,343,503,463	9,109,176,642	7%	2
Crescent City City of	583,110,000	710,650,000	-127,540,000	-22%	2
Hollister City of	832,612,930	742,476,980	90,135,950	11%	2
Mesa Water District	4,434,609,825	4,283,056,327	151,553,499	3%	2
California Water Service Company Hermosa/Redondo	2,984,799,071	2,983,495,666	1,303,406	0%	2
Bellflower-Somerset Mutual Water Company	1,350,031,789	1,268,477,694	81,554,095	6%	2
Rowland Water District	2,857,000,142	2,756,214,295	100,785,846	4%	2
Crescenta Valley Water District	1,200,433,997	1,043,760,838	156,673,159	13%	2
San Jose Water Company	36,046,000,000	31,608,300,000	4,437,700,000	12%	2
Azusa City of	5,165,530,597	4,670,763,054	494,767,543	10%	2
El Segundo City of	1,692,179,532	1,788,496,457	-96,316,925	-6%	2
Mid-Peninsula Water District	823,925,361	712,822,442	111,102,919	13%	2
Calexico City of	1,524,360,000	1,440,570,000	83,790,000	5%	2
Watsonville City of	2,045,660,752	1,803,744,576	241,916,176	12%	2
Torrance City of	3,906,665,343	3,703,464,394	203,200,950	5%	2
Lomita City of	591,013,026	547,632,425	43,380,600	7%	2
Golden State Water Company Barstow	1,595,531,512	1,445,509,515	150,021,997	9%	2
Escondido City of	4,625,134,351	4,059,907,513	565,226,838	12%	2
Marin Municipal Water District	7,006,662,670	5,966,662,221	1,040,000,448	15%	2
San Gabriel County Water District	1,612,133,643	1,485,957,453	126,176,190	8%	2
Pittsburg City of	2,481,549,000	2,226,323,000	255,226,000	10%	2
Huntington Beach City of	7,506,541,568	7,116,888,432	389,653,136	5%	2
Oceanside City of	6,988,111,948	6,765,555,423	222,556,525	3%	2
Santa Monica City of	3,462,200,000	3,321,100,000	141,100,000	4%	2
Norwalk City of	559,456,000	511,830,000	47,626,000	9%	2

Ukiah City of	678,601,000	551,722,000	126,879,000	19%	2
Fairfield City of	5,435,000,000	4,853,000,000	582,000,000	11%	2
Helix Water District	8,454,736,636	8,067,103,778	387,632,858	5%	2
Camarillo City of	2,747,943,839	2,399,416,293	348,527,546	13%	2
San Jose City of	5,294,000,000	4,707,000,000	587,000,000	11%	2
Soledad, City of	581,571,300	531,785,500	49,785,800	9%	2
Golden State Water Company S Arcadia	908,701,874	851,189,098	57,512,777	6%	2
California-American Water Company Sacramento District	8,801,191,649	7,285,565,423	1,515,626,225	17%	2
Carpinteria Valley Water District	1,160,826,158	1,028,941,051	131,885,107	11%	2
El Monte City of	328,279,000	312,936,000	15,343,000	5%	2
Groveland Community Services District	127,297,632	96,625,396	30,672,236	24%	2
Whittier City of	2,041,957,743	2,084,064,264	-42,106,521	-2%	2
Fortuna City of	303,008,000	276,986,000	26,022,000	9%	2
Glendale City of	6,839,188,070	6,346,086,881	493,101,189	7%	2
Alhambra City of	2,575,148,433	2,329,573,763	245,574,669	10%	2
Lathrop, City of	1,149,290,000	990,960,000	158,330,000	14%	2
Anaheim City of	16,337,538,847	15,992,788,037	344,750,810	2%	2
Vista Irrigation District	4,896,569,394	4,632,303,886	264,265,507	5%	2
Gilroy City of	2,328,666,000	1,995,678,000	332,988,000	14%	2
California Water Service Company Kern River Valley	222,882,376	201,376,182	21,506,194	10%	2
Humboldt Community Service District	610,120,000	573,669,000	36,451,000	6%	2
Coachella City of	1,395,900,000	1,294,010,000	101,890,000	7%	2
Palo Alto City of	3,180,440,852	2,685,999,460	494,441,392	16%	2
Napa City of	3,605,871,891	3,247,435,321	358,436,570	10%	2
Orchard Dale Water District	589,289,272	550,757,340	38,531,931	7%	2
Perris, City of	437,809,090	430,597,020	7,212,070	2%	2
Downey City of	4,090,256,554	3,834,059,128	256,197,426	6%	2
Lakewood City of	2,086,631,973	1,856,580,866	230,051,107	11%	3
City of Newman Water Department	559,946,000	448,854,000	111,092,000	20%	3
Milpitas City of	2,719,687,979	2,424,775,231	294,912,748	11%	3
Golden State Water Company Placentia	1,868,334,327	1,778,757,770	89,576,557	5%	3
Vallecitos Water District	4,390,033,350	4,037,168,840	352,864,510	8%	3
Buena Park City of	3,777,921,445	3,441,805,698	336,115,747	9%	3
Del Oro Water Company	369,631,917	306,051,990	63,579,927	17%	3
Manhattan Beach City of	1,219,661,891	1,153,188,200	66,473,691	5%	3
Pico Rivera City of	1,267,056,981	1,099,162,034	167,894,948	13%	3
Livermore City of Division of Water Resources	1,642,615,000	1,199,514,000	443,101,000	27%	3
Beaumont-Cherry Valley Water District	3,172,199,486	3,139,252,648	32,946,838	1%	3
Pleasanton City of	4,439,552,000	3,099,891,000	1,339,661,000	30%	3
Suburban Water Systems San Jose Hills	7,160,122,399	6,833,016,444	327,105,955	5%	3
California Water Service Company Livermore	2,781,467,781	1,909,163,511	872,304,270	31%	3
San Luis Obispo City of	1,387,716,506	1,278,706,170	109,010,336	8%	3
Lakeside Water District	1,064,566,388	977,942,044	86,624,343	8%	3

El Toro Water District	2,331,141,109	2,239,576,858	91,564,251	4%	3
San Clemente City of	2,270,663,084	2,331,434,375	-60,771,291	-3%	3
California Water Service Company Marysville	575,127,769	496,597,575	78,530,194	14%	3
Sunny Slope Water Company	1,052,785,122	950,022,234	102,762,888	10%	3
Healdsburg City of	540,150,000	446,810,000	93,340,000	17%	3
Valencia Water Company	7,817,224,611	6,780,899,767	1,036,324,844	13%	3
San Fernando City of	839,719,127	786,931,196	52,787,931	6%	3
Eureka City of	860,874,000	799,778,000	61,096,000	7%	3
Alco Water Service	1,156,954,000	1,028,617,000	128,337,000	11%	3
Moulton Niguel Water District	7,135,207,799	6,864,125,480	271,082,319	4%	3
Riverside City of	17,427,511,870	15,956,944,380	1,470,567,490	8%	3
Twentynine Palms Water District	666,765,336	641,552,256	25,213,080	4%	3
North Marin Water District	2,457,000,000	1,986,810,000	470,190,000	19%	3
Brea City of	2,826,761,129	2,727,376,444	99,384,685	4%	3
Delano City of	2,386,120,000	2,229,650,000	156,470,000	7%	3
El Centro City of	1,978,323,000	1,910,544,000	67,779,000	3%	3
Brawley City of	1,842,390,000	1,088,690,000	753,700,000	41%	3
Petaluma City of	2,407,770,000	2,071,485,000	336,285,000	14%	3
South Coast Water District	1,639,847,306	1,549,814,557	90,032,749	5%	3
Arroyo Grande City of	776,210,684	654,635,517	121,575,167	16%	3
Eastern Municipal Water District	22,059,815,756	21,154,600,492	905,215,264	4%	3
Tuolumne Utilities District	1,441,240,862	992,152,425	449,088,437	31%	3
La Palma City of	545,401,972	497,342,471	48,059,501	9%	3
California Water Service Company Dixon, City of	382,549,575	346,705,918	35,843,657	9%	3
Tracy City of	4,529,625,694	3,497,663,768	1,031,961,925	23%	3
Lake Arrowhead Community Services District	440,648,885	386,238,213	54,410,671	12%	3
Martinez City of	1,027,679,751	871,695,210	155,984,540	15%	3
Reedley City of	1,302,000,000	1,109,000,000	193,000,000	15%	3
Davis City of	3,023,400,000	2,527,400,000	496,000,000	16%	3
California Water Service Company Willows	364,301,895	318,682,696	45,619,200	13%	3
Sacramento City of	28,979,000,000	23,440,000,000	5,539,000,000	19%	3
Burbank City of	4,712,137,486	4,362,205,638	349,931,847	7%	3
Ventura County Waterworks District No. 8	5,424,122,854	4,896,895,245	527,227,609	10%	3
Padre Dam Municipal Water District	2,952,148,758	2,752,858,026	199,290,733	7%	3
Ontario City of	8,782,999,363	8,499,508,622	283,490,741	3%	3
Pico Water District	1,029,001,320	960,057,631	68,943,690	7%	3
Santa Maria City of	3,370,607,161	3,257,210,864	113,396,297	3%	3
Valley of the Moon Water District	800,300,880	646,691,259	153,609,621	19%	3
San Juan Capistrano City of	2,040,416,466	1,962,283,810	78,132,655	4%	3
Laguna Beach County Water District	872,082,691	867,064,579	5,018,112	1%	3
Santa Margarita Water District	7,105,190,366	6,932,489,109	172,701,256	2%	3
Monte Vista Water District	2,603,464,922	2,359,464,115	244,000,807	9%	3
Lincoln Avenue Water Company	613,030,807	557,668,649	55,362,157	9%	3

San Gabriel Valley Fontana Water Company	10,907,224,816	10,188,722,419	718,502,397	7%	3
Tehachapi, City of	582,624,632	536,291,818	46,332,814	8%	3
North Tahoe Public Utility District	350,120,000	332,141,000	17,979,000	5%	3
Fresno City of	36,603,191,424	30,513,707,650	6,089,483,774	17%	3
Golden State Water Company Simi Valley	1,830,698,487	1,657,215,187	173,483,300	9%	3
Fullerton City of	7,215,373,767	6,969,105,034	246,268,733	3%	3
Pasadena City of	8,349,297,631	7,614,975,148	734,322,483	9%	3
Suburban Water Systems Whittier/La Mirada	5,584,910,982	5,234,793,399	350,117,583	6%	3
Big Bear City Community Services District	266,135,894	256,898,007	9,237,888	3%	3
Lake Hemet Municipal Water District	2,880,852,466	2,579,961,258	300,891,208	10%	3
Suisun-Solano Water Authority	1,038,300,000	918,300,000	120,000,000	12%	3
Diablo Water District	1,487,225,000	1,338,770,000	148,455,000	10%	3
Garden Grove City of	6,584,316,860	6,185,605,054	398,711,806	6%	3
Woodland City of	2,938,159,020	2,454,292,204	483,866,816	16%	3
Antioch City of	4,642,068,000	4,042,923,000	599,145,000	13%	3
Contra Costa Water District	8,855,338,380	7,547,370,752	1,307,967,628	15%	3
Rialto City of	2,544,482,555	2,596,683,954	-52,201,399	-2%	3
Sunnyslope County Water District	694,319,032	596,249,460	98,069,572	14%	3
San Bernardino City of	11,535,034,614	10,722,937,586	812,097,028	7%	3
Cerritos City of	2,219,233,953	1,991,297,621	227,936,332	10%	3
San Jacinto City of	756,372,530	651,046,816	105,325,714	14%	3
Tulare, City of	4,805,328,900	4,324,313,800	481,015,100	10%	3
Sacramento County Water Agency	9,991,675,171	8,451,666,395	1,540,008,776	15%	3
Benicia City of	1,543,102,018	1,217,315,761	325,786,257	21%	3
Orange City of	7,732,617,288	7,437,395,896	295,221,393	4%	3
Stockton City of	8,304,530,000	7,263,300,000	1,041,230,000	13%	3
Ceres City of	1,985,969,000	1,848,968,000	137,001,000	7%	3
Monrovia City of	1,885,000,000	1,673,000,000	212,000,000	11%	3
Chino City of	3,332,449,959	3,123,999,542	208,450,416	6%	3
Apple Valley Ranchos Water Company	4,101,713,205	3,942,264,436	159,448,769	4%	3
Sonoma City of	583,798,675	494,362,234	89,436,441	15%	3
Humboldt Bay Municipal Water District	146,056,000	148,820,000	-2,764,000	-2%	3
Victorville Water District	4,985,852,685	4,486,322,447	499,530,238	10%	3
Paso Robles City of	1,705,474,000	1,511,094,000	194,380,000	11%	3
Sanger City of	1,552,776,000	1,422,246,000	130,530,000	8%	3
Rubidoux Community Service District	1,400,190,000	1,335,510,000	64,680,000	5%	3
Phelan Pinon Hills Community Services District	635,139,826	675,206,517	-40,066,691	-6%	3
Covina City of	1,500,350,310	1,393,914,200	106,436,110	7%	3
California-American Water Company Los Angeles District	5,579,752,754	5,179,473,602	400,279,151	7%	3
Golden State Water Company San Dimas	3,063,589,946	2,950,649,842	112,940,105	4%	3
Patterson City of	1,040,156,104	948,595,320	91,560,784	9%	3
Yreka, City of	593,290,000	519,800,000	73,490,000	12%	3
Trabuco Canyon Water District	764,121,596	767,705,962	-3,584,366	0%	3

Arvin Community Services District	740,072,884	667,768,501	72,304,383	10%	3
San Dieguito Water District	1,583,703,106	1,621,176,020	-37,472,914	-2%	3
Atascadero Mutual Water Company	1,291,000,000	1,056,900,000	234,100,000	18%	3
Santa Paula City of	1,218,270,506	1,081,725,724	136,544,782	11%	3
Manteca City of	3,844,580,000	3,212,645,000	631,935,000	16%	3
Castaic Lake Water Agency Santa Clarita Water Division	7,358,051,073	6,493,567,237	864,483,836	12%	3
Roseville City of	8,448,024,096	6,930,859,852	1,517,164,244	18%	3
La Verne City of	2,094,159,141	1,955,656,970	138,502,171	7%	3
Nipomo Community Services District	665,258,273	527,032,098	138,226,175	21%	3
Imperial, City of	687,420,000	671,127,000	16,293,000	2%	3
Lamont Public Utility District	993,121,000	914,688,000	78,433,000	8%	3
Walnut Valley Water District	5,119,451,770	4,877,344,159	242,107,610	5%	3
Chino Hills City of	3,952,965,804	3,587,674,904	365,290,900	9%	3
Thousand Oaks City of	3,106,634,920	2,792,709,655	313,925,265	10%	3
Rosamond Community Service District	719,200,000	712,000,000	7,200,000	1%	3
Corona City of	8,699,410,000	8,297,070,000	402,340,000	5%	3
Hesperia Water District City of	3,676,581,651	3,538,094,794	138,486,856	4%	3
Fillmore City of	482,079,202	446,216,000	35,863,202	7%	3
Joshua Basin Water District	409,078,118	382,604,644	26,473,473	6%	3
Calaveras County Water District	1,468,843,000	1,200,100,000	268,743,000	18%	3
East Valley Water District	5,405,695,956	4,782,879,831	622,816,125	12%	3
Tustin City of	2,984,049,613	2,895,189,929	88,859,684	3%	3
Brentwood City of	3,038,220,000	2,663,210,000	375,010,000	12%	3
California Water Service Company Los Altos/Suburban	3,714,706,268	3,136,645,836	578,060,431	16%	3
Mission Springs Water District	2,072,832,166	1,979,439,888	93,392,277	5%	3
Yuba City City of	4,215,490,000	3,629,080,000	586,410,000	14%	3
Palmdale Water District	5,291,175,472	5,010,063,446	281,112,026	5%	3
California-American Water Ventura District	4,397,006,571	3,988,454,052	408,552,519	9%	3
Porterville City of	3,123,277,400	2,849,237,200	274,040,200	9%	3
Madera City of	2,268,235,000	2,115,715,000	152,520,000	7%	3
Golden State Water Company Ojai	564,830,864	487,636,661	77,194,203	14%	4
Blythe City of	806,370,000	811,680,000	-5,310,000	-1%	4
South Pasadena City of	1,045,005,526	935,193,595	109,811,931	11%	4
Ramona Municipal Water District	1,087,105,531	1,049,746,665	37,358,866	3%	4
La Habra City of Public Works	2,397,728,848	2,535,032,864	-137,304,016	-6%	4
Banning City of	2,219,758,574	2,058,002,667	161,755,907	7%	4
Livingston City of	1,870,481,000	1,810,513,000	59,968,000	3%	4
Dinuba City of	1,126,830,000	977,550,000	149,280,000	13%	4
Folsom City of	5,476,678,514	4,592,545,306	884,133,208	16%	4
Loma Linda City of *	1,379,990,569	1,323,839,525	56,151,044	4%	4
Hanford City of	3,229,776,700	2,793,029,816	436,746,884	14%	4
Lemoore City of	1,967,044,000	1,783,354,000	183,690,000	9%	4
Jurupa Community Service District	6,546,170,411	6,107,698,865	438,471,545	7%	4

Turlock City of	5,571,505,100	4,909,059,441	662,445,659	12%	4
Pismo Beach City of	434,216,578	359,495,587	74,720,991	17%	4
Indio City of	5,340,000,000	5,006,100,000	333,900,000	6%	4
Mammoth Community Water District	499,483,000	447,407,000	52,076,000	10%	4
California Water Service Company Selma	1,492,399,536	1,239,212,977	253,186,559	17%	4
California Water Service Company Visalia	8,033,215,230	7,144,292,537	888,922,693	11%	4
Hemet City of	1,116,063,947	1,045,970,047	70,093,900	6%	4
Western Municipal Water District of Riverside	5,887,379,311	5,683,989,367	203,389,944	3%	4
Newhall County Water District	2,611,216,927	2,326,139,289	285,077,638	11%	4
West Kern Water District	4,045,106,581	3,679,048,346	366,058,235	9%	4
Rincon Del Diablo Municipal Water District	1,766,766,437	1,514,883,284	251,883,153	14%	4
Shafter City of	1,350,000,000	1,154,000,000	196,000,000	15%	4
Triunfo Sanitation District / Oak Park Water Service	687,285,830	597,937,369	89,348,461	13%	4
Vacaville City of	4,536,829,418	3,868,833,993	667,995,425	15%	4
Los Angeles County Public Works Waterworks District 40	12,870,711,018	11,980,791,220	889,919,798	7%	4
California Water Service Company Bakersfield	18,863,864,960	16,841,305,153	2,022,559,807	11%	4
Galt City of	1,302,667,000	1,052,546,000	250,121,000	19%	4
Cucamonga Valley Water District	12,916,078,335	12,778,430,872	137,647,463	1%	4
Wasco City of	1,096,680,000	952,170,000	144,510,000	13%	4
California Water Service Company Chico District	6,759,462,002	5,680,893,778	1,078,568,223	16%	4
South Tahoe Public Utilities District	1,641,227,000	1,550,474,000	90,753,000	6%	4
Winton Water & Sanitary District	432,243,000	400,904,000	31,339,000	7%	4
Carlsbad Municipal Water District	4,342,002,850	4,259,269,173	82,733,677	2%	4
Riverbank City of	860,786,846	737,503,990	123,282,856	14%	4
Modesto, City of	15,589,770,183	13,698,086,925	1,891,683,258	12%	4
El Dorado Irrigation District	10,044,044,386	7,600,810,386	2,443,234,000	24%	4
Morgan Hill City of	2,262,311,000	1,786,089,000	476,222,000	21%	4
Exeter City of	600,332,681	535,287,408	65,045,273	11%	4
Kerman, City of	880,465,000	769,624,000	110,841,000	13%	4
Citrus Heights Water District	3,723,178,405	3,023,575,391	699,603,014	19%	4
San Bernardino County Service Area 70	457,322,702	431,251,330	26,071,373	6%	4
Colton, City of	2,519,711,330	2,487,549,794	32,161,536	1%	4
Georgetown Divide Public Utilities District	512,901,000	410,416,000	102,485,000	20%	4
Oakdale City of	1,417,000,000	1,139,000,000	278,000,000	20%	4
Elsinore Valley Municipal Water District	6,567,437,756	6,285,445,931	281,991,825	4%	4
Fallbrook Public Utility District	3,340,661,415	3,012,268,347	328,393,068	10%	4
Sierra Madre City of	616,142,059	546,575,118	69,566,941	11%	4
Atwater City of	2,358,960,000	1,821,770,000	537,190,000	23%	4
Lee Lake Water District	760,491,304	738,717,756	21,773,548	3%	4
Poway City of	2,984,245,124	2,893,299,991	90,945,133	3%	4
Shasta Lake City of	309,004,338	258,461,000	50,543,338	16%	4
Newport Beach City of	4,220,349,478	3,924,557,845	295,791,633	7%	4
Redding City of	7,109,010,000	5,934,100,000	1,174,910,000	17%	4

Lodi City of Public Works Department	3,904,230,000	3,932,720,000	-28,490,000	-1%	4
Elk Grove Water Service	1,982,552,982	1,615,618,816	366,934,166	19%	4
Ventura County Waterworks District No 1	2,688,665,294	2,241,890,403	446,774,892	17%	4
Golden State Water Company Orcutt	1,941,781,239	1,705,636,709	236,144,529	12%	4
Lincoln City of	2,592,190,000	2,158,050,000	434,140,000	17%	4
West Valley Water District	5,029,549,361	4,747,557,536	281,991,825	6%	4
Sacramento Suburban Water District	9,630,759,000	8,318,514,000	1,312,245,000	14%	4
Nevada Irrigation District	2,750,729,000	2,339,997,000	410,732,000	15%	4
Rubio Canyon Land and Water Association	561,116,157	508,002,375	53,113,783	9%	4
Norco City of	2,009,949,357	1,856,691,656	153,257,702	8%	4
Beverly Hills City of	2,984,049,613	2,900,957,499	83,092,114	3%	4
Carmichael Water District	2,598,570,000	2,107,250,000	491,320,000	19%	4
Riverside Highland Water Company	971,591,200	889,248,544	82,342,656	8%	4
Yorba Linda Water District	5,380,523,933	5,128,021,662	252,502,271	5%	4
Olivenhain Municipal Water District	5,326,497,766	5,149,755,952	176,741,814	3%	4
Olivehurst Public Utility District	1,161,641,529	959,245,393	202,396,137	17%	4
Rio Linda - Elverta Community Water District	770,017,391	629,595,315	140,422,076	18%	4
Upland City of	5,523,683,657	5,024,215,355	499,468,301	9%	4
Discovery Bay Community Services District	986,000,000	808,000,000	178,000,000	18%	4
California Water Service Company Bear Gulch	3,623,142,017	3,228,861,790	394,280,227	11%	4
Corcoran City of	1,162,447,000	950,206,000	212,241,000	18%	4
Glendora City of	3,108,798,089	3,089,127,284	19,670,805	1%	4
Los Banos, City of	2,053,870,000	1,905,101,000	148,769,000	7%	4
Clovis City of	6,737,008,000	6,080,852,000	656,156,000	10%	4
Camrosa Water District	2,469,015,365	2,141,221,863	327,793,502	13%	4
East Niles Community Service District	2,504,168,216	2,213,508,744	290,659,473	12%	4
Rio Vista, city of	641,312,000	606,333,000	34,979,000	5%	4
Placer County Water Agency	7,686,123,771	6,395,079,193	1,291,044,578	17%	4
West Sacramento City of	3,567,747,274	2,941,460,832	626,286,443	18%	4
Montecito Water District	1,577,349,003	836,688,709	740,660,294	47%	4
Paradise Irrigation District	1,721,400,000	1,355,900,000	365,500,000	21%	4
Fruitridge Vista Water Company	1,000,084,300	823,053,400	177,030,900	18%	4
Los Angeles County Public Works Waterworks District 29	2,383,427,229	2,356,081,777	27,345,452	1%	4
Fair Oaks Water District	3,068,959,978	2,450,034,519	618,925,459	20%	4
Indian Wells Valley Water District	1,861,884,000	1,789,365,000	72,519,000	4%	4
San Bernardino County Service Area 64	758,722,238	679,807,540	78,914,699	10%	4
Pinedale County Water District	267,792,348	224,289,932	43,502,416	16%	4
Truckee-Donner Public Utilities District	1,264,764,466	1,144,274,188	120,490,278	10%	4
Anderson, City of	572,342,000	498,676,000	73,666,000	13%	4
Golden State Water Company Claremont	2,873,781,490	2,604,204,605	269,576,886	9%	4
California Water Service Company Palos Verdes	5,184,622,055	4,979,661,507	204,960,548	4%	4
California City City of	1,192,746,563	1,264,824,899	-72,078,336	-6%	4
Casitas Municipal Water District	777,155,653	678,096,820	99,058,834	13%	4

Yucaipa Valley Water District	2,981,840,000	2,837,629,000	144,211,000	5%	4
Golden State Water Company Cordova	4,051,962,495	3,483,514,680	568,447,814	14%	4
Red Bluff City of	904,393,249	764,891,212	139,502,037	15%	4
East Orange County Water District	247,060,552	225,554,358	21,506,194	9%	4
Bakman Water Company	1,032,655,497	893,235,946	139,419,551	14%	4
Bakersfield City of	11,705,594,680	10,744,390,565	961,204,114	8%	4
Merced City of	6,872,130,000	6,271,910,000	600,220,000	9%	4
Hillsborough Town of	877,331,034	658,647,771	218,683,262	25%	4
Ripon City of	1,431,002,833	1,223,409,134	207,593,699	15%	4
Susanville City of	560,250,000	602,070,000	-41,820,000	-7%	4
Valley Center Municipal Water District	6,829,813,325	6,798,466,417	31,346,907	0%	4
Bella Vista Water District	3,596,422,200	1,864,847,717	1,731,574,483	48%	4
California Water Service Company Antelope Valley	186,061,165	216,691,199	-30,630,034	-16%	4
Arcadia City of	4,352,404,027	4,033,916,843	318,487,185	7%	4
Madera County	891,468,716	660,496,910	230,971,806	26%	4
Oildale Mutual Water Company	2,485,920,537	2,317,129,497	168,791,039	7%	4
Tahoe City Public Utilities District	372,523,331	326,265,848	46,257,483	12%	4
Kingsburg, City of	1,009,319,000	825,793,000	183,526,000	18%	4
Quartz Hill Water District	1,430,054,382	1,276,190,597	153,863,785	11%	4
Linda County Water District	971,706,000	880,037,000	91,669,000	9%	4
Las Virgenes Municipal Water District	5,714,163,209	5,470,784,778	243,378,431	4%	4
California Water Service Company Westlake	2,085,449,133	1,928,388,745	157,060,388	8%	4
Orange Vale Water Company	1,274,470,101	1,008,190,832	266,279,269	21%	4
Redlands City of	7,033,861,488	6,969,114,810	64,746,679	1%	4
Rancho California Water District	16,377,618,572	16,074,902,597	302,715,976	2%	4
Coachella Valley Water District	28,323,853,249	27,188,261,025	1,135,592,223	4%	4
Desert Water Agency	8,823,730,792	8,310,188,943	513,541,849	6%	4
San Juan Water District	3,594,268,324	2,773,624,539	820,643,785	23%	4
South Feather Water and Power Agency	1,435,400,000	1,292,100,000	143,300,000	10%	4
Valley Water Company	999,093,060	898,861,161	100,231,899	10%	4
Rainbow Municipal Water District	3,976,593,060	3,760,749,074	215,843,985	5%	4
Vaughn Water Company	3,206,837,858	2,989,389,519	217,448,339	7%	4
Serrano Water District	829,682,903	749,230,186	80,452,717	10%	4
Golden State Water Company Cowan Heights	703,676,157	691,163,462	12,512,695	2%	4
Myoma Dunes Mutual Water Company	757,700,108	707,153,944	50,546,164	7%	4
Santa Fe Irrigation District	2,820,156,121	2,869,480,251	-49,324,131	-2%	4
Statewide	1,626,751,431,372	1,478,173,631,488	148,577,799,883	9%	

Cap	40%	GPCD
Floor	40	
Scaling Factor	0.003604673	
Target Savings	0.250	

Conservation Standard	Estimated Savings (Gallons)	Sep 2014 R-GPCD	Conservation Standard	Target Savings	2014/2015 Average GPCD
10%	16,621,681	40.0	1%	2,318,287	44
10%	190,706,177	43.7	2%	36,437,902	45
10%	252,770,000	44.9	2%	53,695,134	46
10%	90,521,526	45.3	6%	54,289,713	57
10%	2,036,541,000	45.7	2%	337,802,628	45
10%	207,567,359	46.1	2%	43,843,803	46
10%	399,852,286	48.2	3%	102,609,674	47
10%	56,555,000	48.2	8%	47,123,844	63
10%	290,384,454	49.3	3%	87,113,137	48
10%	279,509,489	49.4	4%	117,228,922	52
10%	40,988,609	49.7	4%	16,285,143	51
10%	127,942,304	50.0	4%	50,134,539	51
10%	49,910,400	50.2	1%	3,217,778	42
10%	80,933,236	51.2	5%	41,837,044	54
10%	447,496,794	52.2	6%	284,023,379	58
10%	35,282,867	52.7	7%	25,796,486	60
10%	25,756,850	54.2	5%	13,541,532	55
20%	377,613,260	55.6	5%	98,241,867	54
20%	566,632,822	55.8	4%	105,672,254	50
20%	185,973,195	58.3	3%	28,343,664	48
20%	100,109,379	59.9	9%	42,990,398	64
20%	209,325,200	60.3	6%	65,911,194	57
20%	325,799,942	61.2	8%	135,087,358	63
20%	102,447,689	61.9	8%	38,768,581	61
20%	179,952,200	61.9	21%	184,613,817	97
20%	249,315,444	62.1	7%	85,694,927	59
20%	371,779,184	65.0	6%	117,397,859	58
20%	413,339,277	66.5	10%	208,985,775	68
20%	1,460,681,158	66.7	11%	786,546,573	70
20%	227,535,559	67.2	9%	100,581,162	65
20%	85,764,096	67.2	5%	22,772,921	55

20%	211,648,133	67.7	14%	146,018,235	78
20%	234,352,346	67.8	9%	102,739,137	64
20%	132,973,450	68.1	10%	66,037,725	68
20%	1,148,426,207	68.1	8%	468,955,257	63
20%	505,169,355	68.4	7%	166,547,409	58
20%	63,367,251	69.5	9%	29,606,705	66
20%	491,592,929	70.0	8%	192,399,710	62
20%	704,686,296	70.0	6%	196,786,272	55
20%	250,640,000	70.5	10%	131,306,799	69
20%	122,104,000	70.5	7%	39,874,397	58
20%	41,708,983	71.4	12%	25,273,546	74
20%	280,427,738	71.7	13%	176,227,041	75
20%	68,889,600	72.1	9%	32,040,843	66
20%	242,863,586	73.2	9%	113,125,921	66
20%	83,390,517	73.8	11%	44,964,596	70
20%	593,570,959	74.0	10%	290,175,815	67
20%	1,037,099,067	74.1	10%	497,618,922	67
20%	1,949,503,917	74.4	12%	1,139,929,984	72
20%	212,685,182	74.8	10%	111,280,926	69
20%	1,945,815,279	77.1	10%	1,012,702,638	69
20%	922,485,390	77.3	10%	444,580,784	67
20%	882,061,600	77.5	15%	666,680,071	82
20%	555,883,400	77.5	12%	322,188,062	72
20%	1,688,953,116	78.3	12%	1,053,324,822	75
20%	171,881,414	78.5	12%	98,927,933	72
20%	406,625,564	78.8	11%	219,440,739	70
20%	669,706,145	78.9	12%	392,301,418	73
20%	183,193,672	79.1	15%	141,834,158	83
20%	1,067,780,000	79.4	13%	670,624,234	75
20%	2,107,820,000	80.2	12%	1,213,428,403	72
20%	37,002,174	80.3	11%	20,163,515	70
20%	129,992,000	80.4	14%	93,332,107	80
20%	21,636,535	80.6	13%	14,558,431	77
20%	62,395,926	81.0	11%	35,442,267	72
20%	114,609,978	81.2	17%	97,101,120	87
20%	797,358,442	81.5	11%	457,420,840	72
20%	9,471,060,720	81.8	11%	5,114,666,502	70
20%	2,931,620,118	82.4	13%	1,921,663,961	76
20%	922,420,220	82.9	12%	561,885,545	74
20%	1,163,472,267	83.5	16%	947,308,485	85
20%	253,400,000	83.6	9%	119,374,607	66
20%	10,478,100,000	83.8	14%	7,214,592,276	78
20%	252,869,831	84.4	13%	169,191,842	77

20%	148,823,515	85.2	13%	95,307,871	76
20%	283,164,890	85.2	18%	253,327,113	90
20%	214,149,558	85.6	14%	145,354,428	78
20%	1,090,893,375	86.5	10%	553,530,437	68
20%	192,627,397	86.8	12%	113,443,783	73
20%	133,777,122	87.6	14%	91,130,618	78
20%	257,672,750	87.8	15%	192,212,722	81
20%	528,358,313	88.0	13%	341,539,095	76
20%	166,119,057	88.1	19%	157,383,157	93
20%	612,874,398	88.2	18%	552,212,746	90
20%	889,269,399	88.9	15%	652,970,436	81
20%	1,641,854,551	89.9	33%	2,668,411,469	130
20%	487,793,721	90.6	16%	394,741,691	85
20%	305,211,346	90.7	13%	196,900,227	76
20%	1,361,733,113	91.3	14%	936,501,001	78
20%	800,095,594	91.9	21%	839,101,516	98
20%	3,081,348,849	92.3	15%	2,264,596,820	81
20%	218,366,909	92.4	15%	169,077,669	83
20%	27,890,536,021	92.8	15%	20,784,135,886	81
20%	116,622,000	92.8	18%	104,289,040	90
20%	166,522,586	92.9	15%	124,322,091	81
20%	886,921,965	92.9	19%	853,054,309	93
20%	596,959,814	93.4	17%	507,148,897	87
20%	270,006,358	94.3	17%	225,132,159	86
20%	571,400,028	94.5	16%	457,125,914	84
20%	240,086,799	94.5	18%	213,753,184	89
20%	7,209,200,000	94.6	15%	5,560,516,318	83
20%	1,033,106,119	95.0	16%	810,850,349	84
20%	338,435,906	95.4	17%	294,389,169	88
20%	164,785,072	96.3	16%	134,196,478	85
20%	304,872,000	96.8	18%	281,029,000	91
20%	409,132,150	96.9	16%	320,443,763	83
20%	781,333,069	97.3	21%	811,709,781	98
20%	118,202,605	97.4	17%	102,983,687	88
20%	319,106,302	98.3	26%	416,482,107	112
20%	925,026,870	98.8	16%	730,121,148	84
20%	1,401,332,534	99.8	17%	1,192,487,316	87
20%	322,426,729	100.5	18%	294,306,222	91
20%	496,309,800	100.7	17%	414,936,001	86
20%	1,501,308,314	100.9	19%	1,407,046,055	92
20%	1,397,622,390	100.9	17%	1,220,334,410	88
20%	692,440,000	101.0	20%	700,776,257	96
20%	111,891,200	101.0	19%	104,589,881	92

20%	135,720,200	101.0	14%	97,061,833	80
20%	1,087,000,000	101.1	19%	1,045,115,014	93
20%	1,690,947,327	101.1	17%	1,456,401,738	88
20%	549,588,768	101.1	25%	683,716,056	109
20%	1,058,800,000	101.1	15%	793,735,509	82
20%	116,314,260	101.2	20%	113,977,499	94
20%	181,740,375	101.4	20%	180,275,499	95
20%	1,760,238,330	101.4	16%	1,433,239,666	85
20%	232,165,232	101.8	15%	175,620,967	82
20%	65,655,800	101.9	11%	35,522,641	70
20%	25,459,526	102.0	22%	27,983,960	101
20%	408,391,549	102.3	21%	433,741,543	99
20%	60,601,600	102.6	20%	60,418,156	95
20%	1,367,837,614	103.2	20%	1,376,909,498	96
20%	515,029,687	103.3	23%	603,138,047	105
20%	229,858,000	104.9	16%	182,997,435	84
20%	3,267,507,769	105.1	19%	3,049,712,209	92
20%	979,313,879	105.3	20%	957,877,197	94
20%	465,733,200	105.8	18%	423,277,431	90
20%	44,576,475	105.9	27%	60,789,987	116
20%	122,024,000	106.6	23%	142,731,037	105
20%	279,180,000	106.9	20%	285,648,147	97
20%	636,088,170	107.3	19%	602,799,296	93
20%	721,174,378	107.6	19%	688,986,878	93
20%	117,857,854	107.8	21%	122,470,484	98
20%	87,561,818	108.9	19%	84,459,124	94
20%	818,051,311	109.3	19%	796,583,785	94
25%	521,657,993	110.8	18%	372,348,203	90
25%	139,986,500	110.8	23%	127,666,993	103
25%	679,921,995	111.0	16%	436,258,949	84
25%	467,083,582	112.5	25%	459,978,919	108
25%	1,097,508,338	112.9	20%	899,110,138	97
25%	944,480,361	113.1	21%	808,390,591	99
25%	92,407,979	113.2	24%	89,071,233	107
25%	304,915,473	113.3	24%	286,624,864	105
25%	316,764,245	113.3	19%	246,192,313	94
25%	410,653,750	113.4	16%	267,082,969	85
25%	793,049,871	113.6	40%	1,268,879,794	210
25%	1,109,888,000	113.7	21%	940,997,395	99
25%	1,790,030,600	113.8	22%	1,563,615,535	101
25%	695,366,945	114.6	19%	539,434,904	94
25%	346,929,127	114.7	10%	134,789,509	67
25%	266,141,597	114.9	20%	208,006,226	94

25%	582,785,277	115.3	22%	503,535,683	100
25%	567,665,771	116.6	30%	676,592,778	123
25%	143,781,942	117.1	19%	108,640,355	92
25%	263,196,281	117.4	22%	234,984,057	102
25%	135,037,500	118.2	24%	129,745,281	107
25%	1,954,306,153	118.4	22%	1,707,145,900	101
25%	209,929,782	118.4	22%	187,570,398	102
25%	215,218,500	118.6	25%	213,708,326	109
25%	289,238,500	120.7	26%	295,903,803	111
25%	1,783,801,950	121.4	20%	1,406,661,240	95
25%	4,356,877,968	122.5	24%	4,252,831,737	108
25%	166,691,334	123.0	24%	158,701,029	106
25%	614,250,000	123.0	20%	503,052,976	97
25%	706,690,282	123.7	26%	745,935,428	113
25%	596,530,000	124.0	20%	486,222,599	97
25%	494,580,750	124.5	22%	427,957,484	100
25%	460,597,500	125.0	32%	589,381,065	129
25%	601,942,500	125.1	23%	556,237,979	104
25%	409,961,827	125.7	23%	381,015,781	104
25%	194,052,671	125.7	26%	204,849,763	113
25%	5,514,953,939	125.7	23%	4,997,695,056	103
25%	360,310,215	126.2	22%	322,331,564	102
25%	136,350,493	127.3	19%	104,950,520	93
25%	95,637,394	127.4	25%	96,839,808	110
25%	1,132,406,423	127.5	22%	995,884,444	101
25%	110,162,221	127.7	22%	95,645,570	100
25%	256,919,938	128.1	14%	148,380,069	80
25%	325,500,000	128.8	17%	226,221,060	88
25%	755,850,000	129.0	23%	700,273,790	104
25%	91,075,474	129.0	29%	106,975,624	121
25%	7,244,750,000	129.3	24%	7,058,328,332	108
25%	1,178,034,371	130.1	25%	1,197,703,137	111
25%	1,356,030,713	130.2	32%	1,710,876,494	128
25%	738,037,190	130.6	24%	716,673,736	107
25%	2,195,749,841	131.3	22%	1,920,687,800	101
25%	257,250,330	131.5	33%	343,897,805	133
25%	842,651,790	131.5	27%	906,624,492	115
25%	200,075,220	131.5	18%	141,437,218	89
25%	510,104,116	131.8	24%	499,672,162	108
25%	218,020,673	132.0	24%	212,544,002	108
25%	1,776,297,591	132.3	25%	1,767,152,998	109
25%	650,866,230	133.3	24%	637,018,937	108
25%	153,257,702	133.8	24%	148,634,933	107

25%	2,726,806,204	134.3	27%	2,984,963,648	116
25%	145,656,158	134.6	24%	139,991,189	107
25%	87,530,000	134.7	32%	110,323,438	127
25%	9,150,797,856	134.9	26%	9,355,718,673	111
25%	457,674,622	134.9	27%	497,417,098	115
25%	1,803,843,442	135.0	32%	2,344,966,928	130
25%	2,087,324,408	136.0	27%	2,224,104,433	114
25%	1,396,227,745	136.2	28%	1,536,698,439	116
25%	66,533,974	136.3	23%	60,928,410	104
25%	720,213,117	136.4	29%	821,295,344	119
25%	259,575,000	136.5	27%	278,863,814	115
25%	371,806,250	137.8	26%	381,394,186	111
25%	1,646,079,215	138.3	27%	1,802,912,107	116
25%	734,539,755	139.0	21%	609,763,012	98
25%	1,160,517,000	139.0	26%	1,216,431,342	113
25%	2,213,834,595	139.9	25%	2,175,386,216	108
25%	636,120,639	140.8	36%	920,137,310	140
25%	173,579,758	141.5	25%	172,142,204	109
25%	2,883,758,654	143.6	40%	4,614,013,846	155
25%	554,808,488	143.7	32%	713,977,122	129
25%	189,093,132	144.1	36%	275,425,030	141
25%	1,201,332,225	144.7	40%	1,922,131,560	156
25%	2,497,918,793	145.3	36%	3,585,860,482	140
25%	385,775,504	146.1	27%	415,179,042	115
25%	1,933,154,322	146.3	32%	2,441,884,248	128
25%	2,076,132,500	146.3	25%	2,070,982,904	109
25%	496,492,250	147.3	30%	595,234,485	123
25%	471,250,000	147.5	33%	617,634,902	131
25%	833,112,490	147.6	28%	932,044,467	118
25%	1,025,428,301	147.7	40%	1,640,685,282	166
25%	145,949,669	147.8	25%	145,302,968	109
25%	36,514,000	148.1	28%	40,698,921	117
25%	1,246,463,171	149.1	29%	1,459,918,455	121
25%	426,368,500	149.5	26%	439,725,066	112
25%	388,194,000	149.6	29%	444,826,928	119
25%	350,047,500	149.8	33%	457,770,420	131
25%	158,784,956	150.3	30%	193,647,626	125
25%	375,087,578	150.4	36%	534,331,914	139
25%	1,394,938,188	151.4	32%	1,795,963,868	129
25%	765,897,487	151.4	40%	1,224,844,155	151
25%	260,039,026	151.9	26%	272,020,651	113
25%	148,322,500	151.9	27%	161,811,533	116
25%	191,030,399	152.4	40%	305,648,639	152

25%	185,018,221	153.6	34%	250,906,616	134
25%	395,925,776	154.0	30%	473,254,222	123
25%	322,750,000	154.6	26%	341,274,281	113
25%	304,567,626	154.7	30%	361,246,842	122
25%	961,145,000	154.9	36%	1,402,151,689	141
25%	1,839,512,768	154.9	36%	2,620,757,983	139
25%	2,112,006,024	155.0	24%	1,999,920,476	106
25%	523,539,785	155.2	39%	809,333,239	147
25%	166,314,568	156.0	32%	216,088,968	130
25%	171,855,000	156.1	36%	249,372,695	141
25%	248,280,250	156.4	38%	372,718,145	144
25%	1,279,862,942	158.4	31%	1,578,205,428	126
25%	988,241,451	159.1	30%	1,181,760,895	123
25%	776,658,730	159.3	35%	1,071,929,259	136
25%	179,800,000	160.0	29%	209,309,052	121
25%	2,174,852,500	160.4	34%	3,000,054,659	136
25%	919,145,413	160.5	34%	1,234,910,338	133
25%	120,519,801	160.6	35%	167,546,372	136
25%	102,269,529	161.3	32%	132,540,138	130
25%	367,210,750	161.5	33%	489,699,386	132
25%	1,351,423,989	161.7	35%	1,917,676,305	138
25%	746,012,403	162.0	33%	976,652,860	131
25%	759,555,000	162.4	31%	954,959,489	127
25%	928,676,567	162.5	32%	1,186,550,320	129
25%	518,208,041	162.7	38%	792,006,993	146
25%	1,053,872,500	162.7	37%	1,549,706,474	142
25%	1,322,793,868	163.2	34%	1,791,081,930	134
25%	1,099,251,643	163.6	40%	1,738,897,428	150
25%	780,819,350	164.0	36%	1,122,157,433	140
25%	567,058,750	164.8	31%	701,416,672	126
35%	197,690,802	165.5	40%	225,932,345	153
35%	282,229,500	165.5	40%	320,101,758	150
35%	365,751,934	166.1	33%	349,368,044	133
35%	380,486,936	166.8	32%	346,313,947	128
35%	839,205,097	167.3	22%	539,355,871	102
35%	776,915,501	167.7	33%	741,832,945	133
35%	654,668,350	167.9	36%	679,540,048	141
35%	394,390,500	169.8	35%	390,341,787	136
35%	1,916,837,480	170.7	40%	2,190,671,406	163
35%	482,996,699	172.4	40%	551,996,228	176
35%	1,130,421,845	173.6	40%	1,291,910,680	163
35%	688,465,400	173.7	39%	773,373,239	149
35%	2,291,159,644	174.0	37%	2,395,198,386	142

35%	1,950,026,785	174.1	37%	2,085,075,506	144
35%	151,975,802	175.1	40%	173,686,631	160
35%	1,869,000,000	175.2	40%	2,136,000,000	172
35%	174,819,050	175.6	40%	199,793,200	160
35%	522,339,837	175.8	35%	527,027,395	138
35%	2,811,625,330	176.6	35%	2,814,333,635	137
35%	390,622,381	176.7	40%	440,980,442	150
35%	2,060,582,759	176.9	38%	2,261,271,107	147
35%	913,925,925	178.5	33%	871,872,654	133
35%	1,415,787,303	180.2	40%	1,618,042,632	156
35%	618,368,253	182.2	34%	607,976,185	135
35%	472,500,000	182.9	40%	540,000,000	164
35%	240,550,040	184.0	40%	274,914,332	160
35%	1,587,890,296	185.5	40%	1,814,731,767	151
35%	4,504,748,856	185.6	40%	5,148,284,407	163
35%	6,602,352,736	186.2	37%	6,978,657,270	143
35%	455,933,450	186.4	38%	497,716,654	146
35%	4,520,627,417	187.6	40%	5,166,431,334	155
35%	383,838,000	187.6	40%	438,672,000	158
35%	2,365,811,701	188.1	39%	2,627,811,765	148
35%	574,429,450	189.3	40%	656,490,800	160
35%	151,285,050	189.3	40%	172,897,200	165
35%	1,519,700,997	189.3	40%	1,736,801,140	158
35%	301,275,396	191.6	29%	248,570,814	120
35%	5,456,419,564	192.7	40%	6,235,908,073	176
35%	3,515,415,535	193.1	26%	2,615,482,139	112
35%	791,808,850	193.4	34%	759,121,301	133
35%	210,116,438	194.4	40%	240,133,072	159
35%	308,162,750	194.7	40%	352,186,000	160
35%	1,303,112,442	195.4	39%	1,439,021,883	147
35%	160,062,946	196.0	40%	182,929,081	152
35%	881,898,965	196.0	37%	932,563,950	143
35%	179,515,350	196.4	40%	205,160,400	158
35%	495,950,000	197.6	40%	566,800,000	154
35%	2,298,603,215	199.6	40%	2,626,975,102	156
35%	1,169,231,495	200.0	40%	1,336,264,566	159
35%	215,649,720	203.6	40%	246,456,823	177
35%	825,636,000	203.7	40%	943,584,000	241
35%	266,171,956	204.4	40%	304,196,522	164
35%	1,044,485,793	204.8	40%	1,193,698,050	155
35%	108,151,518	205.5	34%	105,290,987	135
35%	1,477,122,317	206.6	30%	1,277,400,764	124
35%	2,488,153,500	208.2	40%	2,843,604,000	178

35%	1,366,480,500	209.1	40%	1,561,692,000	190
35%	693,893,544	209.7	40%	793,021,193	159
35%	941,032,853	210.1	39%	1,054,415,633	149
35%	679,623,434	210.1	40%	776,712,495	191
35%	907,266,500	211.1	40%	1,036,876,000	167
35%	1,760,342,276	212.6	40%	2,011,819,744	167
35%	3,370,765,650	212.9	40%	3,852,303,600	165
35%	962,755,150	215.7	40%	1,100,291,600	174
35%	196,390,655	215.9	40%	224,446,463	168
35%	703,482,275	216.1	40%	803,979,743	188
35%	1,044,417,365	216.6	40%	1,193,619,845	195
35%	909,499,500	220.2	40%	1,039,428,000	168
35%	340,056,920	220.9	40%	388,636,480	191
35%	1,883,183,377	221.3	40%	2,152,209,573	183
35%	1,864,274,218	222.0	40%	2,130,599,107	199
35%	406,574,535	222.4	40%	464,656,612	170
35%	269,506,087	225.0	40%	308,006,956	192
35%	1,933,289,280	226.2	40%	2,209,473,463	178
35%	345,100,000	226.5	40%	394,400,000	196
35%	1,268,099,706	227.7	40%	1,449,256,807	178
35%	406,856,450	228.4	40%	464,978,800	159
35%	1,088,079,331	228.9	40%	1,243,519,236	197
35%	718,854,500	229.2	40%	821,548,000	190
35%	2,357,952,800	229.8	40%	2,694,803,200	163
35%	864,155,378	231.4	40%	987,606,146	185
35%	876,458,876	231.4	40%	1,001,667,287	195
35%	224,459,200	235.0	40%	256,524,800	186
35%	2,690,143,320	235.1	40%	3,074,449,508	176
35%	1,248,711,546	238.5	40%	1,427,098,910	180
35%	552,072,151	240.5	40%	630,939,601	188
35%	602,490,000	241.1	40%	688,560,000	181
35%	350,029,505	242.3	40%	400,033,720	175
35%	834,199,530	242.8	40%	953,370,891	211
35%	1,074,135,992	243.3	40%	1,227,583,991	185
35%	651,659,400	244.1	40%	744,753,600	182
35%	265,552,783	246.3	40%	303,488,895	194
35%	93,727,322	247.0	40%	107,116,939	160
35%	442,667,563	247.8	40%	505,905,786	202
35%	200,319,700	248.6	40%	228,936,800	219
35%	1,005,823,522	249.9	40%	1,149,512,596	211
35%	1,814,617,719	250.9	40%	2,073,848,822	212
35%	417,461,297	251.3	40%	477,098,625	220
35%	272,004,479	253.2	39%	305,241,078	149

35%	1,043,644,000	253.4	40%	1,192,736,000	205
35%	1,418,186,873	265.5	40%	1,620,784,998	221
35%	316,537,637	270.9	40%	361,757,300	195
35%	86,471,193	271.6	40%	98,824,221	233
35%	361,429,424	277.3	40%	413,062,199	215
35%	4,096,958,138	277.5	40%	4,682,237,872	203
35%	2,405,245,500	279.6	40%	2,748,852,000	203
35%	307,065,862	281.2	40%	350,932,413	250
35%	500,850,992	282.0	40%	572,401,133	216
35%	196,087,500	287.6	40%	224,100,000	235
35%	2,390,434,664	288.4	40%	2,731,925,330	213
35%	1,258,747,770	288.7	40%	1,438,568,880	229
35%	65,121,408	291.4	40%	74,424,466	206
35%	1,523,341,410	291.5	40%	1,740,961,611	243
35%	312,014,051	298.4	40%	356,587,486	298
35%	870,072,188	303.5	40%	994,368,215	231
35%	130,383,166	307.8	40%	149,009,332	179
35%	353,261,650	308.0	40%	403,727,600	236
35%	500,519,034	308.1	40%	572,021,753	266
35%	340,097,100	312.3	40%	388,682,400	235
35%	1,999,957,123	323.0	40%	2,285,665,284	232
35%	729,907,196	326.5	40%	834,179,653	261
35%	446,064,535	336.2	40%	509,788,041	228
35%	2,461,851,521	341.5	40%	2,813,544,595	245
35%	5,732,166,500	366.9	40%	6,551,047,429	253
35%	9,913,348,637	368.7	40%	11,329,541,299	370
35%	3,088,305,777	378.5	40%	3,529,492,317	333
35%	1,257,993,913	383.7	40%	1,437,707,329	331
35%	502,390,000	391.5	40%	574,160,000	323
35%	349,682,571	396.6	40%	399,637,224	312
35%	1,391,807,571	428.5	40%	1,590,637,224	240
35%	1,122,393,250	464.6	40%	1,282,735,143	350
35%	290,389,016	520.1	40%	331,873,161	404
35%	246,286,655	556.5	40%	281,470,463	451
35%	265,195,038	562.7	40%	303,080,043	470
35%	987,054,642	584.3	40%	1,128,062,448	455
	413,485,540,235	152.6			