David Whitaker, Esq. Director Irvin Corley, Jr. Executive Policy Manager Marcell R. Todd, Jr. Senior City Planner Janese Chapman Deputy Director

LaKisha Barclift, Esq. M. Rory Bolger, Ph.D., AICP Elizabeth Cabot, Esq. Tasha Cowen **Richard Drumb** George Etheridge **Deborah Goldstein**

City of Metroit CITY COUNCIL

LEGISLATIVE POLICY DIVISION

208 Coleman A. Young Municipal Center Detroit, Michigan 48226

Phone: (313) 224-4946 Fax: (313) 224-4336

Christopher Gulock, AICP Derrick Headd Marcel Hurt, Esq. Kimani Jeffrey Anne Marie Langan Jamie Murphy Kim Newby Analine Powers, Ph.D. Jennifer Reinhardt Sabrina Shockley Thomas Stephens, Esq. **David Teeter** Theresa Thomas Kathryn Lynch Underwood

TO:

Detroit City Council

FROM:

David Whitaker, Director

Legislative Policy Division

DATE:

December 19, 2018

RE:

Report on Gaming Tax Revenue through November 2018

For Council's review, the attached schedules present the gaming tax revenue activity through November 2018 and prior fiscal years.

Through the fifth month of the fiscal year the casinos reported a combined gross gaming receipts increase of 3.29% compared to the same period in the prior fiscal year. Broken out by casino, MGM's gross receipts are up by 4.66%, Motor City's are up by 1.01% and Greektown's are up by 4.08%, compared with the first five months of the prior fiscal year.

In the fifth month of the fiscal year, the City collected \$14.90 million in gaming tax revenue, which was 4.02% greater than November 2017, as reflected in Chart 1. Chart 2 "Monthly Detroit Gaming Tax Collections" through a twelve-month moving average trend line shows an increase of 2.33% since last November among the combined casino tax revenues. Based on existing data, there is projected to be a surplus of \$3.83 million for the fiscal year for a gaming revenue total of \$184.6 million, a 3.14% increase over last year.

Adjusted gross casino gaming receipts were reported at \$117.62 million for the month of November 2018 as shown in Chart 1A. This represented a 2.92% gain compared with November 2017. Chart 2A "Monthly Detroit Gaming Receipts" through a twelve-month moving average trend line shows growth of 1.93% among the combined casino receipts.

MGM and Motor City are each paying 12.9% of gross gaming receipts to the City, while Greektown Casino is paying 11.9% of gross gaming receipts and is broken out as follows. By state law, all casinos are now paying 10.9% of gross gaming receipts to the City as wagering tax. The casinos also have an additional 1% payment because of the 2002 amended development agreement with the City. Additionally, if a casino reaches \$400 million in receipts in a calendar year, like MGM and Motor City, then an additional 1% is paid to the City per the amended development agreement of 2002.

There is not a complete one-to-one relationship between the adjusted gross receipts and the tax revenue collection increases when comparing prior years, due to two factors. First, there is the fact that MGM and Motor City casinos began paying the City 1% less due to the permanent casinos opening on October 3 and November 29 of 2007. This reduction to the City is part of state Public Act 306 of 2004, when the legislature amended Public Act 69 of 1997, which was the original casino gaming legislation. P.A. 306 increased the wagering tax by 6% of which 2% went to the City of Detroit. P.A. 306 also allowed that when the permanent casino had been certified by the state gaming board as having operated for 30 consecutive days and once the City determined the project was complete, 5% of the 6% additional wagering tax would be eliminated, with the remaining 1% allocated to the City where the casino is being operated. Greektown continued to pay the 6% additional wagering tax – 4% to the state, 2% to the City – until its permanent status was agreed to by the Administration and approved by the State Gaming Commission, which occurred on March 9, 2010.

Second, the amended development agreement of August 2002 between the City and the casinos, which is separate from the state law, has all casinos, beginning in January 2006, paying an additional 1% over the state law, plus another 1% when the casino reaches \$400 million in gross receipts in a calendar year. For the thirteenth year, MGM and Motor City are projected to exceed \$400 million in the calendar year and increase gaming tax collections by \$10.6 million between September and December. MGM reached \$400 million in August a month earlier than prior years and Motor City reached \$400 million in October similar to last year.

Attachments (5)

cc: Auditor General
John Hill, CFO
John Naglick, Finance Director
Tanya Stoudemire, Budget Director
Renee Short, Budget Manager

Stephanie Washington, Mayor's Office

James George, Agency CFO

Monthly Comparison Detroit Gaming Tax Collections

Chart 1

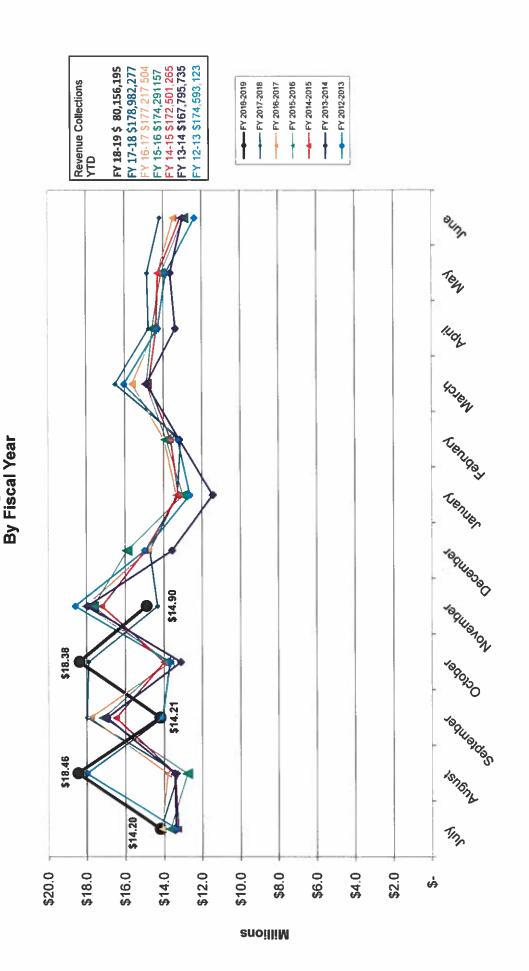
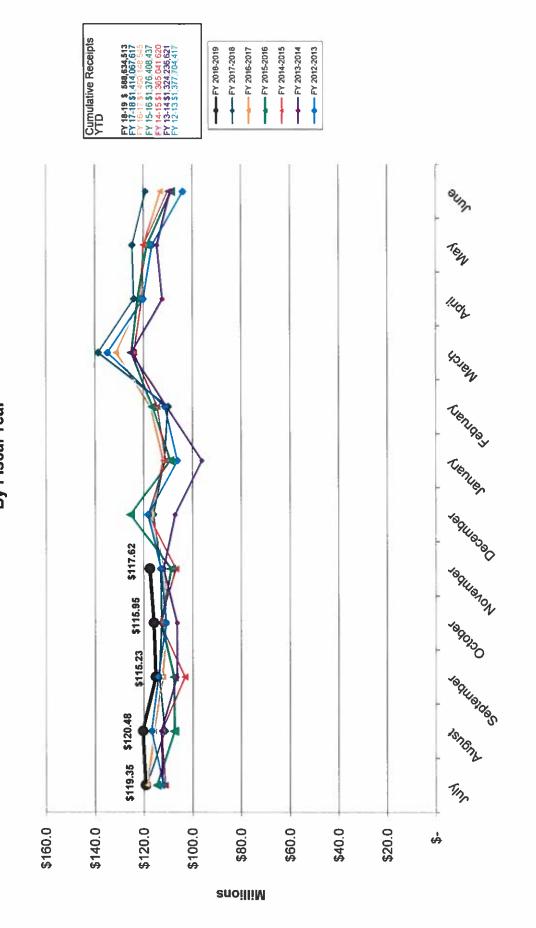


Chart1A

Monthly Comparison Adjusted Gross Casino Gaming Receipts By Fiscal Year



Monthly Detroit Gaming Tax Collection History

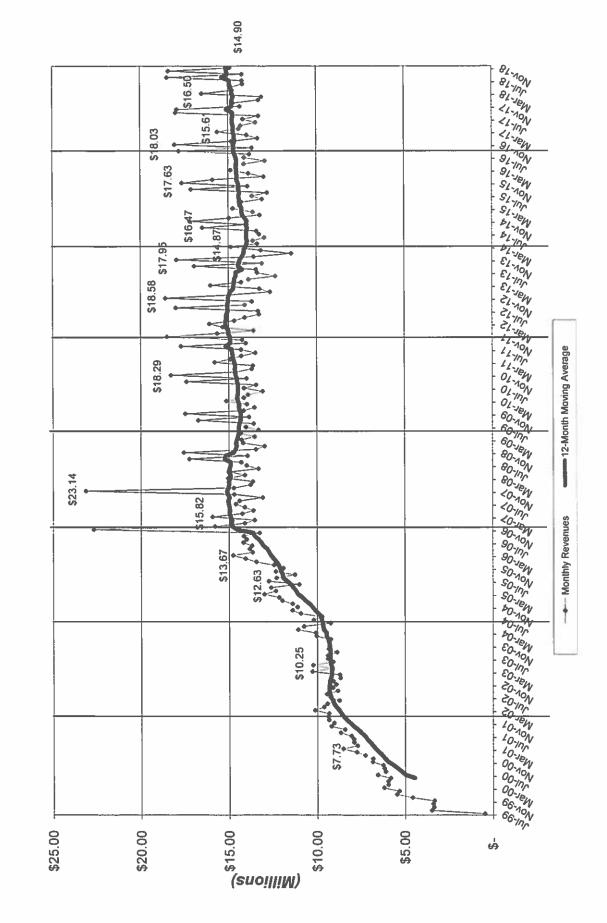
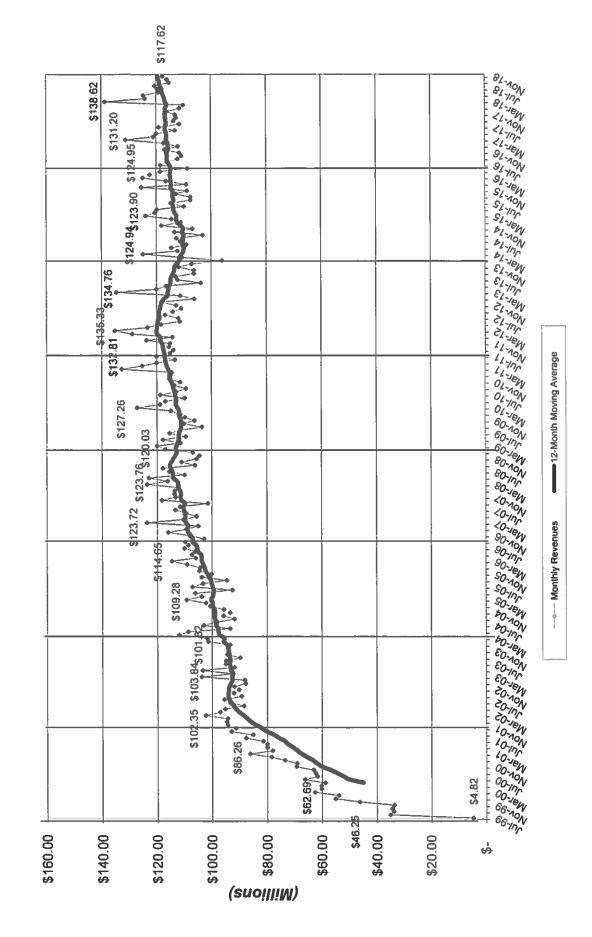


Chart 2A

Monthly Adjusted Gross Casino Gaming Receipt History



4 0 5

5 of 5

Wagering Tax History and Tax Projections - All Casinos

FY 16-17 5	FY 13-14 5 112.234,111,14 5 112.284,452.02 5 106.340,200.54 5 106.340,200.54 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 5 106.340,105.12 7 10.040,100.000 5 106.340,105.12 7 10.040,100.000 7 10.090,200.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7 10.000,100.000 7		Receipts		Receipts		ž	Receipts	מאבו חווים	Receipts	prior year
\$ 112.024.114	\$ 112,334,111,14	FY 14-15		T.			П	17-18			
\$ 110 000 000 000 000 000 000 000 000 00	\$ 112,888 452.02 -5.78% \$ 112,662,906.77 -0.1.5	\$ 111,335,628.63 -0.	69	3.09%	118,462,544	3.21%		9,025,164.52	2 67%	\$ 119,352,251.03	0.27% 8.08%
100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100	11 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 12 10 10	5 112,662,906.// -U.	<i>P</i> •	4 31%	ľ	4.29%	Ì,	3 650 378 92	1.32%		
\$ 1107.124.73 60 -0.00% \$ 110.077.736 5 -4.53% \$ 100.070.070	\$ 111,841,042,99	\$ 113.375.138.17 6.	9 69	-0.47%	ľ	-1.86%	60	2 667,682 55	1.74%		
\$ 107.124.733 60 -84.0% \$ 1114.34.470 10.228% \$ 125.463.715 -6.1% \$ 5.116.004.7110 -0.208% \$ 1110.216.44.73 60 -9.64% \$ 1114.34.470 10.228% \$ 125.463.715 -6.1% \$ 5.116.004.7110 -0.208% \$ 1110.216.44.70 10.208	\$ 107.124.733 60 -94.0% \$ 118.134.341.40 10.3	\$ 106,779,739.55 -4	S	1.78%		2.60%	60	3,084,415,08	1.42%		
\$ 196.048_307.53	\$ 96,048,307,53 -9.54% \$ 111,021,844,76 15.54,930,431 12.273,443,83 -6.729% \$ 123,903,906,42 -0.62% \$ 114,523,442,344 14.508,689,69 17.24% \$ 123,903,906,42 -0.62% \$ 144,508,599 17.24% \$ 129,930,191,80 17.54,246,523,127,246,523 17.34,246,526,521,27 -3.88% \$ 1,346,041,620,23 -1.249,041,620,23 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,33 -1.249,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041,620,041	\$ 118,134,341.40 10.	69	6.20%		28.9-	19 (5,166,313.36	0.03%		20000
\$ 172,294,350	\$ 112,273,4383 -7.25% \$ 123,903,904.2.05 \$ 112,273,4383 -6.47% \$ 123,903,904.2.05 \$ 112,273,4383 -6.47% \$ 120,548,875,91 77 \$ 109,007,620,90 -9.6% \$ 109,815,053.34 4.6 \$ 1,349,503,615.26 -3.88% \$ 1,355,041,620.23 3.0 \$ 1,349,503,615.26 -3.88% \$ 1,355,041,650.99 -1.1.90% \$ 167,795,734.76 -3.89% \$ 10,061,311.75 -1.4 \$ 774,507,899,46 \$ 10,061,311.75 -1.4 \$ 170,000,000.00 \$ 168,000,000.00	\$ 111,021,844.76	iA (1 73%		0.72%	AU	1484,003,74	-6.10%	9 6	-100 00%
\$ 112,234,431 80	\$ 112,273,443,83	4 123 002 008 42	n u	0.84%		5.01%	9 69	618 493 30	5.65%		-100.00%
147.5024.65 1.0046.046 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1.0076 1	\$ 114,508,495,99	\$ 120 548 875 91	9 6/9			-1.11%	69	4.023.991.41	2.50%		-100.00%
\$ 109.07 6.50 90 4.80 \$ 1.365,041.60 0.08% \$ 1.375,681.0275 1.20% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,145,45.60 0.07% \$ 1.400,140,140,140,140,140,140,140,140,140,	\$ 1,024,236,622,127 -3.88% \$ 1,365,041,620.23 3 15,345,236,525 -1.28% \$ 1,345,041,620.23 3 1.28% \$ 1,345,041,620.23 3 1.28% \$ 1,345,041,620.23 3 1.28% \$ 1,345,041,620.23 3 1.28% \$ 1,345,041,620.23 3 1.28% \$ 1,57,584,157.93 \$ 162,439,952.81 \$ 167,795,734.76 3.89% \$ 172,501,264.56 2.8 \$ 147,795,734.76 3.89% \$ 172,501,264.56 2.8 \$ 147,000,000.00 \$ 170,000,000.00 \$ 168,000,000.00 \$ 170,000,000.00 \$ 168,000,000.00 \$ 168,000,000.00 \$ 168,000,000.00 \$ 168,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$ 188,000,000.00 \$	\$ 119,815,053,34 4.	69	-1.07%		1 19%	w	4,659,270.12	3.93%	·	-100.00%
\$ 1,334,236,631,27	\$ 1,348,503,615,26	\$ 109,930,191.80 0.	so,		113,073,887,16	4.11%	es.	9.116.145.61	2000		-100.00%
100% 1290% 100% 100% 100% 100% 100% 100% 100% 1	12.90% 1.00% 1.00% 1.00% 1.00% 1.00% 1.00% 1.190% \$ 167,584,157.93 \$ 162,439,952.81 \$ 167,795,734,76 \$ 549,728,724,76 \$ 549,728,728,734,76 \$ 549,728,728,734,76 \$ 172,501,264,56 \$ 549,728,734,76 140.89% \$ 170,000,000,000 \$ 170,000,000,000	\$ 1,365,041,620.23 3. \$ 1,332,782,569.59 -1.	n 10		1,385,601,766.53	0.67%	***	,536,681.31	1.08%	\$ 1,316,633,033.48	
\$ 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% 1290% <	\$ 157,584,157.93 \$ 162,439,952.81										
\$ 157,584,157.93 \$ 168,776,22 \$ 168,776,22 \$ 168,776,63 \$ 168,274,046.38 \$ 168,274,046.38 \$ 169,274,046.38 \$ 169,274,046.38 \$ 169,274,046.38 \$ 169,274,046.38 \$ 169,274,046.38 \$ 168,274,046.38 \$ 168,274,046.38 \$ 168,274,046.38 \$ 168,274,046.38 \$ 100,211,576.32 \$ 168,274,046.38 \$ 168,274,046.38 \$ 168,274,046.38 \$ 168,274,046.38 \$ 168,274,046.38 \$ 168,274,046.38 \$ 168,274,046.38 \$ 168,274,046.38 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 \$ 10,208,230.46 <t< td=""><td>\$ 157,584,157.93 \$ 162,439,952.81 \$ 10,211,576.83 \$ 167,795,734,76 \$ 549,728,724,76 \$ 774,507,899.46 \$ 774,507,899.46 \$ 170,000,000.00 \$ 170,000,000.00 \$ 170,000,000.00</td><td>12.90%</td><td>12,90%</td><td></td><td>12.90%</td><td></td><td></td><td>12.90%</td><td></td><td>12.90%</td><td></td></t<>	\$ 157,584,157.93 \$ 162,439,952.81 \$ 10,211,576.83 \$ 167,795,734,76 \$ 549,728,724,76 \$ 774,507,899.46 \$ 774,507,899.46 \$ 170,000,000.00 \$ 170,000,000.00 \$ 170,000,000.00	12.90%	12,90%		12.90%			12.90%		12.90%	
\$ 157,584,157,93 \$ 167,584,157,83 \$ 167,584,157,83 \$ 167,584,157,83 \$ 167,584,157,83 \$ 167,584,157,83 \$ 167,584,157,83 \$ 167,584,157,83 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 167,785,734,76 \$ 168,785,734,76 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 168,000,000,000 \$ 177,700,000,000 \$ 177,700,000,000 \$ 177,700,000,000 \$ 177,700,000,000 \$ 177,700,000,000 \$ 177,700,000,000 \$ 177,700,000,000 \$ 177,700,000,000 \$ 177,700,000,000 \$ 178,000,000,000 \$ 178,000,000,000 \$ 178,000,000 \$ 178,000,000,000 \$ 178,000,000 \$ 178,000,000 \$ 178,000,000 \$	\$ 157,584,157.93 \$ 162,439,952.81 \$ 10,211,576.83 \$ 10,211,576.83 \$ 10,211,576.83 \$ 10,211,576.83 \$ 147,795,734,76 \$ 549,728,724,76 \$ 774,507,899.46 \$ 817,776,557.90 \$ 170,000,000.00 \$ 170,000,000.00 \$ 168,000,000.00	1.00%	1.00%		1.00%			1.00%		1,00%	
\$ 157,584,157.93 \$ 162,439,952.81 \$ 162,439,952.81 \$ 163,825,756.22 \$ 0.85% \$ 166,617,676.91 \$ 162,09,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,952.81 \$ 162,439,82 \$ 162,439,82 \$ 162,439,82 \$ 162,439,82 \$ 163,430,83 \$ 163,430,83 \$ 163,430,83 \$ 163,430,83 \$ 163,430,83 \$ 163,430,83 \$ 163,430,83 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43 \$ 163,430,43	hes Ir (Dev \$ 157,584,157.93 Ir (Dev \$ 10,211,576.83 \$ 4,08% \$ 10,061,311.75 \$ 467,795,734.76 \$ 549,728,724.76 \$ 549,728,724.81 \$ 774,507,899.46 Is 149.43% \$ 170,000,000.00 \$ 170,000,000.00 \$ 168,000,000.00										
s 10,211,576.83 4.08% 5 10,465,401.23 4.02% 5 10,599,827.55 1.28% 5 10,708,230.46 1.02% 5 s 10,211,576.83 4.08% 5 177,217,504.46 1.04% 5 177,217,504.46 1.02% 5 1.02% 5 s 167,795,734.76 3.89% 5 177,247,504.46 1.04% 5 177,217,504.46 1.02% 5 1.02% 5 s 5 467,786,734.76 3.89% 5 477,247,504.46 468% 477,780,020 5 825,384,178 3.04% 5 844,164,834.24 5 8 s 774,507,899.46 3 477,780,000.00 3 148,12% 3 448,12% 48,12% 5 1 s 170,000,000.00 3 149,12% 3 175,200,000.00 3 177,780,000.00 5 177,780,000.00 5 s 12,204,266.24 3 4,501,264.56 3 4,501,264.56 3	nes 10,211,576.83				11.90% 166,617,676.91			11.90%		\$ 70,047,507.00	
\$ 10,211,576 83 4,08% \$ 10,061,31175 -147% \$ 10,465,40123 402% \$ 10,599,827.55 128% \$ 10,708,2046 102% \$ 10,211,576,5734.76 389% \$ 172,501,264.56 2.80% \$ 174,291,157.45 10.4% \$ 177,217,504.46 168% \$ 177,217,504.46 168% \$ 177,217,504.46 168% \$ 177,217,504.46 168% \$ 177,217,504.46 168% \$ 177,217,504.46 168% \$ 177,217,504.46 17% \$ 569,773,088,83 3 17% \$ 569,902,782.38 0.20% \$ 5 5 1302,848,70 0.74% \$ 568,773,088,83 3 17% \$ 569,902,782.38 0.20% \$ 5 5 1302,848,70 0.74% \$ 568,773,088,83 3 17% \$ 569,902,782.38 0.20% \$ 5 5 1302,848,70 0.74% \$ 568,773,088,83 3 17% \$ 569,902,782.38 0.20% \$ 5 149,728,736,849 \$ 149,72% \$ 149,72% \$ 148,12% \$ 177,780,000,00	\$ 10,211,576,83										
\$ 167,795,734.76	\$ 167,795,734,76	\$ 10,061,311.75 -1.4	w		10,599,827.55	1.28%		708,230.46	1.02%		
\$ 549,728,721,81 -3 01% \$ 547,265,062.33 -0.45% \$ 551,302,848,70 0,74% \$ 568,773,088,83 3 17% \$ 569,902,782,38 0,20% \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ 549,728,721,81 -3 01% \$ 547,265,062,33 -0.4 \$ 774,507,899,46 \$ 817,776,557,90 hs 140,89% 149,43% 149,43%	\$ 172,501,264.56 2.8	w	1.04% \$	177,217,504.46	1.68%	ĺ.	3,982,276.84	0.9958%	\$ 80,156,195.33	
ax (est) \$ 170,000,000.00 \$ 168,000,000.00 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,152.45 \$ 5,249,	ns	\$ 547,265,062.33 -0.4	69	111		3 17%		9,902,782.38	0.20%	\$ 588,634,512,60	3.29%
ns 140.89% 148.12% 148.12% 148.12% ax (est) \$ 170,000,000.00 \$ 177,780,000.00 \$ 177,780,000.00 \$ (2,204,265.24) \$ 4,501,264.56 \$ 5,249,152.45 \$ 2,017,504.46 \$ 1,202,276.84 \$ 5	ns (est) \$ 170,000,000.00 \$ 168,000			69	831,375,456.67			1,164,834.24		69	
ax (est) \$ 170,000,000.00 \$ 168,000,000.00 \$ 168,002,000.00 \$ 177,780,000.00 \$ \$ (2,204,265.24) \$ 4,501,264.56 \$ 5,249,152.45 \$ 2,017,504.46 \$ 1,202,276.84 \$	ax (est) \$ 170,000,000.00 \$ 16	149.43%	149.72%		146.17%			148.12%		148.36%	
\$ 170,000,000.00 \$ 168,000,000.00 \$ 169,042,005.00 \$ 175,200,000.00 \$ 177,780,000.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ 170,000,000.00									\$ 873,297,035.63 \$ 1,461,931,548.23	
\$ 170,000,000.00 \$ 168,000,000.00 \$ 169,042,005.00 \$ 177,780,000.00 \$ 177,780,000.00 \$ 5,249,452.45 \$ 5,249,452.45 \$ 5,249,452.45 \$ 5,249,452.45	\$ 170,000,000.00									\$ 184,606,756.65	
\$ (5.504,200,410,4)	* * * * * * * * * * * * * * * * * * *	16	16	14 0	175,200,000.00			7,780,000.00		\$ 180,779,000.00 \$ 1877,756,65	
	\$ (2,204,265.24) \$				4,011,004.40			1000			

12/18/2018