San Francisco Health Service System Health Service Board

Rates & Benefits

Kaiser Permanente HMO Plan 2020 Claims and Utilization Experience

April 8, 2021



Kaiser Permanente HMO Plan 2020 Claims and Utilization Experience

Agenda

- Introduction
- Plan Experience Insights
- Appendix—Detailed Monthly Claims and Member Counts



Introduction



Kaiser Permanente HMO Plan 2020 Experience — Introduction

This presentation captures information on calendar year 2020 medical/prescription drug claims, plan utilization, and quality indicators for the Kaiser Permanente (Kaiser) non-Medicare, fully insured HMO plans offered by the San Francisco Health Service System (SFHSS). Most information in this document relates to covered active employee and early retiree populations. The active employee and early retiree experience presented today will serve as the basis of plan experience to be utilized by Kaiser to develop fully insured premium rates for the 2022 plan year. The 2022 rate recommendations for the Kaiser non-Medicare HMO plan will be presented by the Health Service Board (HSB) on May 13, 2021.

There is also some prevalence information in this material for Medicare retirees covered by the Kaiser Permanente Senior Advantage (KPSA) plan. Financial information is not available at this time for KPSA. There are approximately 13,500 covered lives in KPSA.

This is the first presentation of Kaiser HMO plan experience by Aon to the Health Service Board (HSB)—following similar annual presentations for the PPO (City Plan) currently administered by UnitedHealthcare (UHC), and the Blue Shield of California (BSC) Access+ and Trio HMO plans.



Kaiser Permanente HMO Plan 2020 Experience — Introduction (continued)

The following pages summarize key observations captured from experience reporting provided by Kaiser to SFHSS leadership and Aon. All data provided by Kaiser for this presentation was based upon 2020 plan experience. Paid claim experience for the Kaiser active employee and early retiree populations in this document represents the full calendar year 2020 experience, while other data views represent information available through September 2020.

Total premiums for Kaiser HMO plans are approximately \$33M monthly for non-Medicare members (active employees/early retirees) and \$5M monthly for Medicare members. Overall, Kaiser HMO represents about 47% of total SFHSS health and welfare plan spend in 2020.

Detailed monthly paid claim and member count information in contained in the Appendix to this document for active employees and early retirees.



Kaiser Permanente HMO Plan 2020 Experience — Introduction (continued)

COVID-19 Impacts on 2020 Plan Year Claim Experience

Similar to other SFHSS health plans, the Kaiser HMO for active employees and early retirees exhibited substantial suppression of medical claim levels during the second quarter of calendar year 2020. Prescription drug experience during the height of "stay-at-home / shelter-in-place" orders remained similar to pre-pandemic levels, as members continued utilization of needed prescription drugs. These patterns can be seen in the monthly claim information contained in the Appendix to this document.

There are no adjustments to reporting in this presentation for the COVID-19 pandemic driven claim suppression experienced largely in the second calendar quarter of 2020. It is expected that Kaiser rating actions for the 2022 plan year will be reflective of a "typical times" claim forecast.



Plan Experience Insights



Medical and Prescription Drug Claims

■ Total paid per member¹ per month (PMPM) claims fell in 2020 vs. 2019 for both active employees and early retirees—primarily attributable to medical claim suppression in the second quarter of 2020, as well as prescription drug claim suppression for early retirees:

	ACTIVE EMPLOYEES				EARLY	RETIREES		
		F	PMPM Paid Claims			P	PMPM Paid Claims	
	Covered		Prescription		Covered		Prescription	
	Lives	Medical	Drug	Medical/Rx	Lives	Medical	Drug	Medical/Rx
2020 Plan Year	51,665	\$421.45	\$56.82	\$478.27	4,480	\$732.27	\$86.22	\$818.49
2019 Plan Year	50,936	\$454.09	\$54.76	\$508.85	4,481	\$878.14	\$97.85	\$975.99
Change, 2020 vs. 2019								
Lives/Dollars	729	(\$32.64)	\$2.06	(\$30.58)	(1)	(\$145.87)	(\$11.63)	(\$157.50)
Percentage	1.4%	(7.2%)	3.8%	(6.0%)	(0.0%)	(16.6%)	(11.9%)	(16.1%)

- Active employee medical claim reductions were primarily in the outpatient category of medical services, while early retiree claim reductions were in both the inpatient and outpatient category of medical services.
- For the 2020 plan year, the loss ratio of paid claims (excluding administrative expenses) to paid premiums for active employees and early retirees combined was 86.1% (\$340.5M in paid claims, \$395.7M in paid premiums).



¹ "Member" = covered life (e.g., employees, early retirees, and dependents)

Top Diagnostic Categories for SFHSS Kaiser HMO Member Spend

 Top diagnostic categories for plan spend (along with percentage of total spend attributable to each diagnostic category) are:

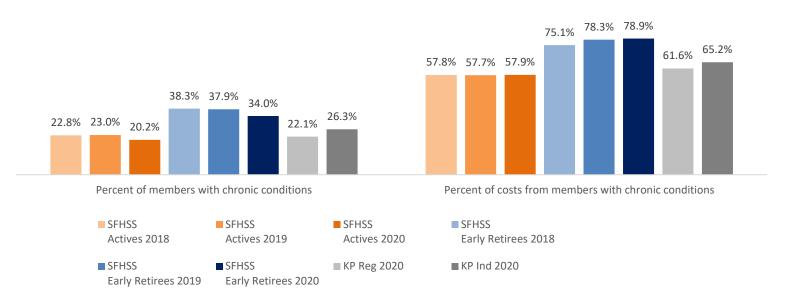
Active Employees	Early Retirees
Pregnancy/Childbirth - 12%	Musculoskeletal - 12%
Musculoskeletal - 8%	Digestive - 10%
Mental Disorders - 7%	Genitourinary - 9%
Digestive – 7%	Neoplasms (i.e., Cancer) - 8%
Neoplasms (i.e., Cancer) – 7%	Circulatory - 7%



Chronic Disease Prevalence, Active Employee and Early Retiree Groups

- Active employee population: 16% of covered lives have at least one major chronic condition² these members drive 42% of active employee group plan spend
- Early retiree population: 27% of covered lives have at least one major chronic condition² –
 these members drive 58% of early retiree group plan spend





Data Measurement Period ending on Q3 2020

Empower Results

² **Major** Chronic conditions are defined by Kaiser to include diabetes, asthma, coronary artery disease, heart failure, chronic obstructive pulmonary disease, chronic kidney disease, and depression.

Chronic Disease Prevalence, Active Employee and Early Retiree Groups

 Hypertension, diabetes, depression, and heart failure are among the key chronic conditions Kaiser is focused on helping their patients maintain control:

	Active Emp	oloyee Group	Early Retiree Group	
Chronic Condition	% of Lives	% of Plan Cost From These Lives	% of Lives	% of Plan Cost From These Lives
Hypertension (e.g., High Blood Pressure)	8%	16%	21%	30%
Diabetes	5%	11%	14%	18%
Depression	3%	8%	5%	14%
Heart Failure	<1%	5%	1%	13%

Note: an individual may show in multiple chronic condition categories above

 Kaiser was able to report 14% diabetes prevalence and 46% hypertension prevalence among covered Medicare lives in the KPSA plan



Chronic Disease Control, Active Employee Group

 Control percentages are higher for SFHSS active employees/dependents than Kaiser regional/industry averages, except for depression & Heart Disease

	SFHSS Actives	KP Regional average	KP Industry average	HEDIS [®] 50th percentile*	HEDIS [®] 90th percentile*
Asthma	92.4%	91.1%	91.3%	79.5%	84.5%
Depression	52.4%	58.6%	56.8%	55.0%	62.7%
Diabetes	73.4%	71.0%	72.9%	70.7%	78.59%
Heart disease	85.7%	94.2%	90.7%	85.8%	93.0%
Hypertension	62.4%	61.1%	65.1%	60.1%	77.1%

^{*}Please note 2020 HEDIS data based on 2019 Performance Year and may not be comparable to 2020 SFHSS and KP benchmark groups due to COVID19 trends.



Chronic Disease Control, Early Retiree Group

Control percentages are higher for SFHSS early retirees/dependents ("Your group")
 than Kaiser regional/industry averages for all conditions below

	SFHSS Early Retiree	Regional average	Industry average	HEDIS [®] 50th percentile	HEDIS [®] 90th percentile
Asthma	88.2%	91.0%	91.3%	79.5%	84.5%
Depression	62.2%	71.3%	70.9%	55.0%	62.7%
Diabetes	80.3%	71.0%	72.9%	70.7%	78.59%
Heart disease	100.0%	94.2%	90.7%	85.8%	93.0%
Hypertension	64.5%	61.2%	65.1%	60.1%	77.1%

^{*}Please note 2020 HEDIS data based on 2019 Performance Year and may not be comparable to 2020 SFHSS and KP benchmark groups due to COVID19 trends.



Chronic Disease Control, Medicare Retiree Group

Control percentages are higher for SFHSS Medicare retirees/dependents ("Your group")
 than Kaiser regional/industry averages, except for hypertension

Chronic conditions under control

	SFHSS Retirees	Regional average	Industry average	HEDIS [®] 50th percentile	HEDIS [®] 90th percentile
Asthma	100.0%	88.2%	88.4%	N/A	N/A
Depression	63.9%	72.0%	69.3%	N/A	N/A
Diabetes	86.7%	85.0%	85.7%	N/A	N/A
Heart disease	88.9%	94.9%	94.0%	N/A	N/A
Hypertension	63.4%	63.9%	69.2%	N/A	N/A

^{*}Please note 2020 HEDIS Medicare data (is not available) due to NCQA not collecting in 2019 and 2020 Performance Year data.



COVID-19 Direct Impacts, Active Employee and Early Retiree Groups

- COVID-19 testing and treatment data through February 2021—7.0% positive test rate,
 90 hospitalizations (17 of these in ICU)—with surge in November 2020 to January 2021.
- 2020 paid claims for COVID-19: \$2.9M testing, \$6.8M treatment for active employees and early retirees.

Your Group's COVID-19 Metrics					
Time period	Number of COVID-19 tests performed ¹	Number of positive test results ²	Percentage of positive test results ³	# of members hospitalized for COVID-19 ⁴	# of members in ICU for COVID-19 ⁵
March 2020	314	27	8.6%	3	2
April 2020	683	18	2.6%	1	0
May 2020	1,922	22	1.1%	0	0
June 2020	2,546	56	2.2%	2	0
July 2020	3,210	137	4.3%	8	1
August 2020	2,382	265	11.1%	8	0
September 2020	2,171	262	12.1%	5	0
October 2020	3,281	152	4.6%	2	0
November 2020	4,612	326	7.1%	11	1
December 2020	6,486	643	9.9%	16	6
January 2021	5,715	541	9.5%	25	6
February 2021	4,534	204	4.5%	9	1
Year-to-date	37,946	2,659	7.0%		

'Includes all tests captured in KP health record for members during the current measurement period. NOTE: This does not represent "unique" members; 2Includes all positive COVID-19 results identified in KP Health record for members during the current measurement period. NOTE: This does not represent "unique" members; 3This represents the number of positive test results divided by the number of COVID-19 tests performed. It includes all positive COVID-19 test results identified in KP Health record for members during the current measurement period. NOTE: This does not represent "unique" members; 4Includes number of members in hospital due to COVID-19 in KP owned facilities; 5Includes number of members in hospital ICU due to COVID-19 in KP owned facilities.



COVID-19 Direct Impacts, Medicare Retiree Group

COVID-19 testing and treatment data through February 2021—4.9% positive test rate,
 100 hospitalizations (21 of these in ICU)—with surge in November 2020 to January 2021.

Your Group's COVID-19 Metrics					
Time period	Number of COVID-19 tests performed ¹	Number of positive test results ²	Percentage of positive test results ³	# of members hospitalized for COVID-19 ⁴	# of members in ICU for COVID-19 ⁵
March 2020	53	8	15.1%	3	1
April 2020	150	11	7.3%	5	0
May 2020	432	5	1.2%	2	0
June 2020	612	11	1.8%	4	2
July 2020	740	19	2.6%	5	0
August 2020	730	47	6.4%	9	2
September 2020	611	27	4.4%	7	3
October 2020	780	16	2.1%	2	0
November 2020	998	54	5.4%	13	4
December 2020	1,133	81	7.1%	18	5
January 2021	1,175	93	7.9%	23	2
February 2021	783	34	4.3%	9	0
Year-to-date	8,237	407	4.9%		

¹Includes all tests captured in KP health record for members during the current measurement period. NOTE: This does not represent "unique" members; ²Includes all positive COVID-19 results identified in KP Health record for members during the current measurement period. NOTE: This does not represent "unique" members; ³This represents the number of positive test results divided by the number of COVID-19 tests performed. It includes all positive COVID-19 test results identified in KP Health record for members during the current measurement period. NOTE: This does not represent "unique" members; ⁴Includes number of members in hospital due to COVID-19 in KP owned facilities; ⁵Includes number of members in hospital ICU due to COVID-19 in KP owned facilities.



Preventive/Proactive Care Rates Across All Covered Groups

Percentage of members seeking preventive and proactive care:

Preventive/Proactive Care	Active Employee Group	Early Retiree Group	Medicare Retiree Group
Saw a KP Clinician With Last Year	75%	81%	95%
Obtained a Flu Shot	45%	55%	34%
Screening Rates Among Eligible Populations			
Breast Cancer	77%	77%	82%
Cervical Cancer	91%	90%	89%
Colorectal Cancer	70%	73%	82%



Top Pharmacy Cost Classes, Active Employee Group

- Anti-Infective:
 - Drugs used for the treatment and prevention of HIV account for over 90% of Anti-Infective Drug costs and over 30% of total pharmacy costs.
 - Truvada accounts for 35% of Anti-Infective Drug costs.
- Analgesic, Anti-Inflammatory, or Antipyretic:
 - Drugs such as Humira, Enbrel, Otezla and Simponi account for over 80% of Analgesic, Anti-Inflammatory, or Antipyretic Drug costs and over 10% of total pharmacy costs.
 - Treatment of arthritis, plaque psoriasis, ankylosing spondylitis, Crohn's disease, and ulcerative colitis.
 - 50% of Specialty Drug Scripts and 35% of Specialty Drug Pharmacy Claims.
- Anti-Neoplastic:
 - Drugs used for the treatment of various cancers have an increasing trend in scripts
 PMPY.
 - 14% of Specialty Drug Scripts and 24% of Specialty Drug Pharmacy Claims.



Top Pharmacy Cost Classes, Active Employee Group (continued)

Endocrine:

- Drugs used for the treatment of Diabetes are the top drivers within Endocrine utilization which accounts for 6% of total pharmacy costs.
- Metformin accounts for 26% of scripts within Endocrine.

Cardiovascular:

- Represents 20% of all Rx scripts.
- Generally used for the treatment of Hypertension and High Blood Pressure (most of these drugs are generic).



Medication Adherence, Active Employee Group

Medication prescribed for	SFHSS Actives average adherence	KP Regional average	KP Industry average
Diabetes	82.5%	79.3%	76.7%
High blood pressure	82.2%	82.3%	80.5%
High cholesterol	81.4%	81.1%	79.6%



Top Pharmacy Cost Classes, Early Retiree Group

- Cardiovascular:
 - Top Cardiovascular Therapy Agents influencing plan spend include generic drugs generally prescribed for High Blood Pressure and Cholesterol, as well as selected specialty medications in this class.
- Central Nervous System:
 - Drugs prescribed for a mix of diagnosis such as Schizophrenia, Seizures, Major Depressive Disorder, and Parkinson's disease.



Medication Adherence, Early Retiree Group

Medication prescribed for	SFHSS Early Retirees average adherence	KP Regional average	KP Industry average
Diabetes	86.3%	79.3%	76.7%
High blood pressure	87.8%	82.3%	80.5%
High cholesterol	84.7%	81.1%	79.6%



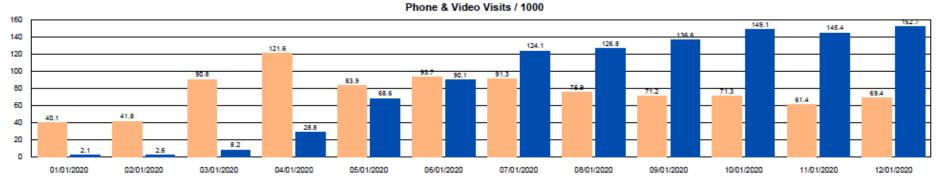
Medication Adherence, Medicare Retiree Group

Medication prescribed for	SFHSS Retirees average adherence	KP Regional average	KP Industry average
Diabetes	88.8%	89.4%	76.7%
High blood pressure	90.1%	90.4%	90.6%
High cholesterol	89.5%	90.3%	90.8%

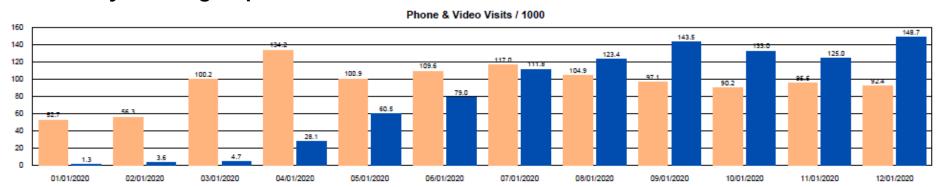


Use of Telehealth, Active Employee and Early Retiree Groups

- Members became more accustom to utilizing Kaiser telehealth visit options from the outset of the pandemic (orange bars are phone visits / blue bars are video visits per 1,000 members)—data by month from January 2020 to December 2020:
- Active employee group:



Early retiree group:





Appendix—Detailed Monthly Claims and Member Counts



Appendix—Detailed Monthly Claims and Member Counts

Active Employee Group

	Medical Claims				2 0				DAIDLA N	
	Inpatient	Outpatient	Other	Total Medical Claims	Rx Claims	Total Paid Claims	PMPM Paid Claims	Total Net Claims	PMPM Net Claims	Members
Current Year										
Jan 20	\$9,435,021	\$11,740,327	\$4,680,184	\$25,855,532	\$2,815,282	\$28,670,814	\$553.41	\$27,309,272	\$527.12	51,808
Feb 20	6,647,056	11,642,245	4,391,684	22,680,985	2,621,886	25,302,871	487.83	24,740,549	476.99	51,868
Mar 20	6,863,399	12,129,082	4,590,767	23,583,248	3,245,862	26,829,111	516.93	26,713,937	514.71	51,901
Apr 20	5,014,274	4,842,897	3,571,833	13,429,004	3,602,131	17,031,135	328.30	16,949,110	326.72	51,877
May 20	4,984,627	5,714,703	3,513,737	14,213,067	2,832,767	17,045,835	328.36	16,487,525	317.61	51,912
Jun 20	8,360,984	10,367,347	4,366,730	23,095,061	2,603,968	25,699,029	495.13	25,532,549	491.92	51,904
Jul 20	7,181,965	9,458,089	4,215,130	20,855,184	3,006,557	23,861,741	464.22	23,742,159	461.89	51,402
Aug 20	7,202,881	11,203,011	4,400,410	22,806,302	2,879,163	25,685,465	500.05	25,411,028	494.71	51,366
Sep 20	6,352,405	9,683,432	4,156,458	20,192,295	2,971,326	23,163,621	449.88	23,142,319	449.47	51,488
Oct 20	7,737,794	12,445,096	4,539,108	24,721,998	3,064,627	27,786,625	538.59	27,708,330	537.08	51,591
Nov 20	9,239,456	11,736,676	4,545,082	25,521,214	2,714,773	28,235,987	548.88	27,445,604	533.51	51,443
Dec 20	8,764,840	11,111,412	4,458,580	24,334,832	2,868,580	27,203,412	529.03	26,565,520	516.63	51,421
Total:	\$87,784,704	\$122,074,317	\$51,429,703	\$261,288,724	\$35,226,923	\$296,515,647	\$478.27	\$291,747,901	\$470.58	619,981
Prior Year										
Jan 19	\$6,789,996	\$11,103,644	\$4,060,498	\$21,954,138	\$2,906,322	\$24,860,460	\$489.26	\$24,860,109	\$489.26	50,812
Feb 19	4,748,918	10,186,368	3,897,018	18,832,304	2,550,504	21,382,808	419.17	21,375,405	419.03	51,012
Mar 19	6,680,926	11,920,747	4,307,719	22,909,392	2,851,365	25,760,757	505.26	25,759,297	505.23	50,985
Apr 19	8,558,495	12,237,730	4,641,960	25,438,185	3,013,239	28,451,425	557.78	28,412,674	557.02	51,008
May 19	7,345,910	12,191,097	4,412,415	23,949,422	3,031,682	26,981,105	527.49	26,942,216	526.73	51,150
Jun 19	7,605,209	10,954,580	4,278,917	22,838,706	2,667,307	25,506,012	500.00	25,500,457	499.89	51,012
Jul 19	5,963,336	12,710,427	4,429,366	23,103,129	2,831,177	25,934,306	512.04	25,918,392	511.73	50,649
Aug 19	6,988,576	11,195,348	4,110,353	22,294,277	1,967,172	24,261,449	481.06	24,257,742	480.99	50,433
Sep 19	7,605,288	10,866,494	4,146,225	22,618,007	2,559,734	25,177,741	495.01	25,162,982	494.72	50,863
Oct 19	6,878,483	13,451,243	4,501,552	24,831,278	3,865,696	28,696,974	563.05	28,691,984	562.95	50,967
Nov 19	6,744,451	12,937,435	4,371,731	24,053,617	2,592,407	26,646,024	520.68	26,638,201	520.53	51,175
Dec 19	7,566,649	12,819,492	4,344,616	24,730,757	2,631,842	27,362,599	534.82	27,160,494	530.87	51,162
Total:	\$83,476,237	\$142,574,605	\$51,502,371	\$277,553,213	\$33,468,446	\$311,021,659	\$508.85	\$310,679,954	\$508.29	611,228



Appendix—Detailed Monthly Claims and Member Counts

Early Retiree Group

	Medical Claims			Total Medical	Rx Claims	Total Paid	PMPM Paid	Total Net	PMPM Net	
	Inpatient	Outpatient	Other	Claims	KX CIAIITIS	Claims	Claims	Claims	Claims	Members
Current Year										
Jan 20	\$1,321,488	\$2,010,091	\$791,700	\$4,123,279	\$343,301	\$4,466,580	\$990.37	\$4,460,163	\$988.95	4,510
Feb 20	1,700,959	1,891,344	764,033	4,356,336	388,355	4,744,691	1,054.61	4,587,151	1,019.59	4,499
Mar 20	1,394,569	1,670,786	765,657	3,831,012	451,174	4,282,186	952.23	4,274,829	950.60	4,497
Apr 20	823,995	812,300	625,187	2,261,482	530,355	2,791,837	624.43	2,775,564	620.79	4,471
May 20	752,864	870,607	538,137	2,161,608	392,666	2,554,275	574.90	2,546,392	573.12	4,443
Jun 20	2,271,729	1,617,412	731,512	4,620,653	357,092	4,977,746	1,130.79	4,671,303	1,061.18	4,402
Jul 20	1,144,156	1,337,354	649,221	3,130,731	352,014	3,482,745	762.42	3,481,092	762.06	4,568
Aug 20	864,553	1,517,601	647,306	3,029,460	420,858	3,450,318	761.49	3,445,661	760.46	4,531
Sep 20	1,040,703	1,562,276	711,005	3,313,984	314,342	3,628,326	807.19	3,623,557	806.13	4,495
Oct 20	666,702	1,621,786	681,459	2,969,947	380,757	3,350,704	750.61	3,350,258	750.51	4,464
Nov 20	872,354	1,355,711	603,556	2,831,621	349,486	3,181,106	713.73	3,180,444	713.58	4,457
Dec 20	598,579	1,499,854	642,114	2,740,547	355,148	3,095,695	699.12	3,091,718	698.22	4,428
Total:	\$13,452,651	\$17,767,122	\$8,150,887	\$39,370,661	\$4,635,548	\$44,006,208	\$818.49	\$43,488,132	\$808.86	53,765
Prior Year										
Jan 19	\$1,062,995	\$1,582,343	\$629,965	\$3,275,303	\$475,119	\$3,750,423	\$837.15	\$3,749,603	\$836.96	4,480
Feb 19	2,186,565	1,554,687	700,251	4,441,503	431,809	4,873,312	1,089.98	4,853,776	1,085.61	4,471
Mar 19	902,298	1,566,514	601,344	3,070,156	459,703	3,529,858	798.43	3,525,903	797.54	4,421
Apr 19	1,066,326	1,737,309	672,617	3,476,252	401,945	3,878,198	878.41	3,877,917	878.35	4,415
May 19	2,146,793	1,775,093	735,549	4,657,435	462,818	5,120,253	1,160.79	5,102,773	1,156.83	4,411
Jun 19	1,151,337	1,496,152	683,398	3,330,887	391,960	3,722,846	847.06	3,720,861	846.61	4,395
Jul 19	1,904,378	1,638,576	693,141	4,236,095	472,773	4,708,869	1,012.22	4,370,145	939.41	4,652
Aug 19	1,384,446	1,899,397	710,290	3,994,133	345,079	4,339,212	945.77	4,335,203	944.90	4,588
Sep 19	1,160,234	1,902,150	726,804	3,789,188	432,489	4,221,677	933.79	4,194,841	927.86	4,521
Oct 19	1,753,116	2,158,767	808,811	4,720,694	589,442	5,310,136	1,180.29	5,297,527	1,177.49	4,499
Nov 19	1,043,118	2,032,962	738,490	3,814,570	432,880	4,247,450	949.58	4,184,604	935.53	4,473
Dec 19	1,677,413	1,956,403	779,085	4,412,901	365,633	4,778,534	1,074.79	4,577,945	1,029.68	4,446
Total:	\$17,439,021	\$21,300,353	\$8,479,744	\$47,219,118	\$5,261,649	\$52,480,767	\$975.99	\$51,791,099	\$963.16	53,772

