

Company: Southern California Gas Company (U 904 G)
Proceeding: 2024 General Rate Case
Application: A.22-05-____
Exhibit No: (SCG-35-WP)

WORKPAPERS TO
PREPARED DIRECT TESTIMONY
OF SCOTT WILDER
ON BEHALF OF SOUTHERN CALIFORNIA GAS COMPANY
BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA
MAY 2022



Southern California Gas Customer/Meter Forecast Model

To produce its customer/meter forecasts, SoCalGas uses regression equations for the connected commercial and residential single and multi-family sectors. Commercial meters are driven by commercial employment. Single and multi-family housing starts drive their respective residential meter forecasts. The commercial and residential single and multi-family forecasts use historical quarterly data from 1979 through 2021.

VARIABLE DEFINITIONS

ABRMUNS_SCG	Multi-family housing starts, annualized--SoCalGas 12-county area
ABRSUNS_SCG	Single-family housing starts, annualized--SoCalGas 12-county area
ACT5_SCG	Active Residential Master meters
ACTCOM_SCG	Active Commercial meters
ACTIND_SCG	Active Industrial meters
ACTM_SCG	Active Residential Multi-family meters
ACTRES_SCG	Active Total Residential meters
ACTS_SCG	Active Residential Single-family meters
CONN5_SCG	Connected Residential Master meters
CONNCOM_SCG	Connected Commercial meters
CONNIND_SCG	Connected Industrial meters
CONNM_SCG	Connected Residential Multi-family meters
CONNRES_SCG	Connected Total Residential meters
CONNS_SCG	Connected Residential Single-family meters
DUM812	Dummy variable: 1981Q2=1, =0 OTHERWISE
DUM854861	Dummy variable: 1985Q4=(-1), 1986Q1=1, =0 OTHERWISE
DUM962963	Dummy variable: 1996Q2=1, 1996Q3=(-1), =0 OTHERWISE
DUM033034	Dummy variable: 2003Q3=1, 2003Q4=(-1), =0 OTHERWISE
DUM053	Dummy variable: 2005Q3=1, =0 OTHERWISE
DUM152153	Dummy variable: 2015Q2=1, 2015Q3=(-1), =0 OTHERWISE
DUM153	Dummy variable: 2015Q3=1, =0 OTHERWISE
DUM203	Dummy variable: 2020Q3=1, =0 OTHERWISE
ECOMNS_SCG	Commercial employment (total nonfarm less manufacturing and mining), SoCalGas 12-county area, thousands
INACT5_SCG	Inactive Residential Master meters
INACTCOM_SCG	Inactive Commercial meters
INACTIND_SCG	Inactive Industrial meters
INACTM_SCG	Inactive Residential Multi-family meters
INACTRES_SCG	Inactive Total Residential meters
INACTS_SCG	Inactive Residential Single-family meters
PCTINACTCOM	Percent inactive Commercial meters, by quarter
PCTINACTM	Percent inactive Residential Multi-family meters, by quarter
PCTINACTS	Percent inactive Residential Single-family meters, by quarter

SEASON2	Seasonal dummy variable: 2nd quarter each year=1, =0 otherwise
SEASON3	Seasonal dummy variable: 3rd quarter each year=1, =0 otherwise
TOTACT_SCG	Total Active meters
TOTCONN_SCG	Total Connected meters
TOTINACT_SCG	Total Inactive meters

EQUATIONS (In the regression equations, t-values are in parentheses.)

$$\text{act5cg} = \text{act5_scg}[-4] * (1-0.008)$$

$$\text{actcom_scg} = \text{conncom_scg} - \text{inactcom_scg}$$

$$\text{actind_scg} = \text{actind_scg}[-4] * (1-0.010)$$

$$\text{actm_scg} = \text{connm_scg} - \text{inactm_scg}$$

$$\text{actres_scg} = \text{acts_scg} + \text{actm_scg} + \text{act5_scg}$$

$$\text{acts_scg} = \text{conns_scg} - \text{inacts_scg}$$

$$\text{conn5_scg} = \text{conn5_scg}[-4] * (1-0.008)$$

CONNCOM_SCG

Cochrane-Orcutt

QUARTERLY data for 170 periods from 1979Q3 to 2021Q4

ln(conncom_scg)

$$= \begin{matrix} 0.04967 * \ln(\text{ecomns_scg}[-1]) & + & 0.00440 * \text{dum203} & + & 11.9858 \\ (3.99409) & & (1.98474) & & (104.125) \end{matrix}$$

Sum Sq	0.0012	Std Err	0.0027	LHS Mean	12.3266
R Sq	0.9990	R Bar Sq	0.9990	F	3,166 53971.7
D.W.(1)	1.4706	D.W.(4)	1.1884		

$$\text{AR}_0 = + 0.98322 * \text{AR}_1 \\ (351.623)$$

CONNCOM_SCG=exp(??) + conncom_scg.add

Conncom_scg.add=(-214.12) is an addfactor. It is the 2021Q4 difference between actual conncom_scg and equation-predicted conncom_scg. This difference is applied to all quarters in the forecast period.

$$\text{connind_scg} = \text{connind_scg}[-4] * (1-0.010)$$

CONNM_SCG

Cochrane-Orcutt
QUARTERLY data for 169 periods from 1979Q4 to 2021Q4

diff(connm_scg)

$$\begin{aligned}
 = & \quad 0.04345 * \text{abrmuns_scg}[-3] + 0.07187 * \text{abrmuns_scg}[-4] \\
 & \quad (3.58359) \qquad \qquad \qquad (6.20419) \\
 & + 0.04928 * \text{abrmuns_scg}[-5] + 0.02852 * \text{abrmuns_scg}[-6] \\
 & \quad (4.32516) \qquad \qquad \qquad (2.44838) \\
 & + 3872.04 * \text{dum854861} + 1741.72 * \text{dum033034} \\
 & \quad (9.36554) \qquad \qquad \qquad (4.25992) \\
 & + 1382.18 * \text{dum152153} - 298.722 * \text{season2} \\
 & \quad (3.34048) \qquad \qquad \qquad (2.70926)
 \end{aligned}$$

Sum Sq	1E+08	Std Err	915.839	LHS Mean	5161.67
R Sq	0.9600	R Bar Sq	0.9580	F	9,160
D.W. (1)	2.3408	D.W. (4)	1.6892		426.352

$$\text{AR}_0 = + 0.84860 * \text{AR}_1 \\
 \qquad \qquad (19.1744)$$

CONNM_SCG=connm_scg[-1]+(??) + connm_scg.add
 Connm_scg.add=(-1408.54) is an addfactor. It is the 2021Q4 difference between
 actual connm_scg and equation-predicted connm_scg. This difference is applied to
 all quarters in the forecast period.

connres_scg = conns_scg+connm_scg+conn5_scg

CONNS_SCG
 Cochrane-Orcutt
 QUARTERLY data for 169 periods from 1979Q4 to 2021Q4

diff(conns_scg)

$$\begin{aligned}
 = & \quad 0.04676 * \text{abrsuns_scg} + 0.03487 * \text{abrsuns_scg}[-1] \\
 & \quad (3.24334) \qquad \qquad \qquad (2.45946) \\
 & + 0.03564 * \text{abrsuns_scg}[-2] + 0.05792 * \text{abrsuns_scg}[-3] \\
 & \quad (2.56978) \qquad \qquad \qquad (4.17031) \\
 & - 3590.61 * \text{dum812} + 2298.38 * \text{dum854861} + 4757.51 * \text{dum962963} \\
 & \quad (3.84119) \qquad \qquad \qquad (4.36464) \qquad \qquad \qquad (8.99596) \\
 & + 4071.90 * \text{dum053} - 3418.85 * \text{dum153} - 992.654 * \text{season2} \\
 & \quad (4.37704) \qquad \qquad \qquad (3.72478) \qquad \qquad \qquad (5.86076) \\
 & - 680.014 * \text{season3} \\
 & \quad (4.01066)
 \end{aligned}$$

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Sum Sq	2E+08	Std Err	1161.38	LHS Mean	8074.84
R Sq	0.9248	R Bar Sq	0.9195	F 12,157	160.892
D.W. (1)	2.5935	D.W. (4)	1.2840		

$$AR_0 = + 0.82466 * AR_1 \\ (17.8360)$$

CONNS_SCG=conns_scg[-1]+(??) + conns_scg.add
Conns_scg.add=(-1628.06) is an addfactor. It is the 2021Q4 difference between actual conns_scg and equation-predicted conns_scg. This difference is applied to all quarters in the forecast period.

$$inact5_scg = conn5_scg - act5_scg$$

$$inactcom_scg = conncom_scg * pctinactcom \\ \text{where for } pctinactcom: Q1=23.86\%; Q2=24.00\%; Q3=24.26\%; Q4=23.86\%$$

$$inactind_scg = connind_scg - actind_scg$$

$$inactm_scg = connm_scg * pctinactm \\ \text{where for } pctinactm: Q1=4.13\%; Q2=4.15\%; Q3=4.25\%; Q4=4.25\%$$

$$inactres_scg = inacts_scg + inactm_scg + inact5_scg$$

$$inacts_scg = conns_scg * pctinacts \\ \text{where for } pctinacts: Q1=1.38\%; Q2=1.38\%; Q3=1.43\%; Q4=1.42\%$$

$$totact_scg = actres_scg + actcom_scg + actind_scg$$

$$totconn_acg = connres_scg + conncom_scg + connind_scg$$

$$totinact_scg = inactres_scg + inactcom_scg + inactind_scg$$

DATA

**2024 General Rate Case
SoCalGas Connected Meter Forecast
Recorded data through 2021**

YEAR	Residential Single-Family	Residential Multi-Family	Residential Master Meter	Total Residential	Commercial	Industrial	Total
1980	2,522,092	1,090,214	24,357	3,636,663	189,442	29,890	3,855,995
1981	2,544,814	1,124,490	31,024	3,700,328	192,727	30,175	3,923,230
1982	2,560,854	1,153,825	32,759	3,747,438	196,013	30,098	3,973,549
1983	2,574,496	1,182,284	35,241	3,792,021	198,630	29,488	4,020,139
1984	2,596,748	1,215,455	36,982	3,849,185	200,941	29,203	4,079,329
1985	2,623,340	1,257,903	38,888	3,920,131	207,483	29,067	4,156,681
1986	2,659,716	1,314,005	40,461	4,014,182	208,344	28,438	4,250,964
1987	2,705,242	1,385,069	41,631	4,131,942	209,701	27,603	4,369,246
1988	2,754,749	1,454,026	43,081	4,251,856	211,495	27,301	4,490,652
1989	2,810,902	1,509,881	43,943	4,364,726	213,502	27,490	4,605,718
1990	2,864,996	1,553,537	44,265	4,462,798	212,425	28,905	4,704,128
1991	2,904,892	1,589,020	44,643	4,538,555	212,277	29,152	4,779,984
1992	2,937,305	1,611,826	45,269	4,594,400	211,617	28,344	4,834,361
1993	2,964,963	1,627,336	45,847	4,638,146	211,894	27,862	4,877,902
1994	2,994,232	1,636,076	46,122	4,676,430	214,923	28,040	4,919,393
1995	3,025,285	1,643,093	46,332	4,714,710	217,826	28,269	4,960,805
1996	3,061,418	1,653,357	46,417	4,761,192	218,876	28,215	5,008,283
1997	3,093,697	1,659,240	46,236	4,799,173	220,918	28,427	5,048,518
1998	3,130,605	1,664,720	46,064	4,841,389	223,349	28,937	5,093,675
1999	3,171,852	1,669,435	45,905	4,887,192	226,051	28,847	5,142,090
2000	3,216,122	1,674,027	45,607	4,935,756	228,320	28,725	5,192,801
2001	3,265,670	1,678,626	45,223	4,989,519	230,468	28,653	5,248,640
2002	3,318,980	1,684,653	44,899	5,048,532	232,865	28,323	5,309,720
2003	3,372,732	1,695,409	44,525	5,112,666	234,585	28,195	5,375,446
2004	3,429,816	1,710,554	44,160	5,184,530	236,312	28,309	5,449,151
2005	3,492,924	1,720,189	43,802	5,256,915	237,831	28,277	5,523,023
2006	3,555,620	1,734,729	43,337	5,333,686	239,463	28,207	5,601,356
2007	3,600,301	1,755,752	43,040	5,399,093	240,947	28,330	5,668,370
2008	3,625,746	1,776,760	42,699	5,445,205	242,314	28,502	5,716,021
2009	3,640,754	1,793,706	42,415	5,476,875	243,434	28,590	5,748,899
2010	3,653,318	1,807,004	42,187	5,502,509	243,937	28,641	5,775,087
2011	3,662,998	1,814,703	41,945	5,519,646	244,426	28,621	5,792,693
2012	3,671,608	1,822,820	41,729	5,536,157	244,927	28,556	5,809,640
2013	3,683,206	1,831,916	41,550	5,556,672	245,498	28,440	5,830,610
2014	3,697,453	1,842,924	41,386	5,581,763	245,756	28,321	5,855,840
2015	3,714,070	1,855,988	41,260	5,611,318	247,202	27,169	5,885,689
2016	3,731,022	1,869,233	41,086	5,641,341	248,039	26,165	5,915,545
2017	3,751,864	1,879,668	40,960	5,672,492	248,195	25,779	5,946,466
2018	3,775,415	1,889,285	40,789	5,705,489	248,643	25,457	5,979,589
2019	3,797,955	1,900,271	40,257	5,738,483	248,943	25,189	6,012,615
2020	3,820,836	1,912,460	39,301	5,772,597	249,302	24,938	6,046,837
2021	3,844,078	1,924,441	39,312	5,807,831	249,422	24,764	6,082,017
2022	3,868,804	1,939,204	38,997	5,847,005	249,777	24,517	6,121,299
2023	3,893,945	1,957,761	38,685	5,890,391	250,074	24,271	6,164,736
2024	3,918,212	1,975,997	38,376	5,932,585	250,204	24,029	6,206,818

2024 General Rate Case
SoCalGas Active Meter Forecast
Recorded data through 2021

YEAR	Residential Single-Family	Residential Multi-Family	Residential Master Meter	Total Residential	Commercial	Industrial	Total
1980	2,481,605	1,045,229	24,218	3,551,052	171,908	29,887	3,752,847
1981	2,507,007	1,079,570	30,857	3,617,434	174,157	30,174	3,821,765
1982	2,523,769	1,108,610	32,547	3,664,926	177,190	30,095	3,872,211
1983	2,532,579	1,134,228	34,970	3,701,777	177,859	29,486	3,909,122
1984	2,554,436	1,167,717	36,675	3,758,828	180,696	29,202	3,968,726
1985	2,581,520	1,206,708	38,554	3,826,782	187,006	29,065	4,042,853
1986	2,618,804	1,258,278	40,118	3,917,200	185,909	28,429	4,131,538
1987	2,665,714	1,320,553	41,270	4,027,537	187,423	27,590	4,242,550
1988	2,713,806	1,382,979	42,707	4,139,492	189,302	27,286	4,356,080
1989	2,767,384	1,437,461	43,555	4,248,400	191,337	27,189	4,466,926
1990	2,820,947	1,478,293	43,876	4,343,116	192,841	26,805	4,562,762
1991	2,860,022	1,502,559	44,259	4,406,840	192,545	26,031	4,625,416
1992	2,885,859	1,506,284	44,811	4,436,954	189,789	24,793	4,651,536
1993	2,903,272	1,501,832	45,288	4,450,392	188,081	24,122	4,662,595
1994	2,924,340	1,496,300	45,275	4,465,915	186,573	23,617	4,676,105
1995	2,952,715	1,504,445	45,372	4,502,532	185,635	23,292	4,711,459
1996	2,988,044	1,523,124	45,605	4,556,773	183,463	22,898	4,763,134
1997	3,018,440	1,536,022	45,380	4,599,842	181,886	22,583	4,804,311
1998	3,054,942	1,559,133	45,216	4,659,291	183,057	22,753	4,865,101
1999	3,103,998	1,582,529	45,104	4,731,631	185,146	22,523	4,939,300
2000	3,158,252	1,597,527	44,860	4,800,639	185,845	22,071	5,008,555
2001	3,210,899	1,604,796	44,487	4,860,182	187,676	21,859	5,069,717
2002	3,268,930	1,612,709	44,215	4,925,854	189,804	21,396	5,137,054
2003	3,322,120	1,621,230	43,861	4,987,211	190,114	20,848	5,198,173
2004	3,377,588	1,633,083	43,539	5,054,210	191,291	20,734	5,266,235
2005	3,434,786	1,637,608	43,177	5,115,571	192,270	20,590	5,328,431
2006	3,488,997	1,647,654	42,695	5,179,346	192,321	20,307	5,391,974
2007	3,524,381	1,665,905	42,386	5,232,672	192,862	20,257	5,445,791
2008	3,531,044	1,681,864	42,026	5,254,934	191,906	20,140	5,466,980
2009	3,547,653	1,681,251	41,711	5,270,615	189,864	19,678	5,480,157
2010	3,570,360	1,697,335	41,486	5,309,181	188,141	19,346	5,516,668
2011	3,585,182	1,716,280	41,243	5,342,705	187,337	19,136	5,549,178
2012	3,598,669	1,730,663	41,038	5,370,370	186,996	18,989	5,576,355
2013	3,614,927	1,743,856	40,896	5,399,679	187,544	18,891	5,606,114
2014	3,632,535	1,759,125	40,699	5,432,359	187,321	18,704	5,638,384
2015	3,647,531	1,773,721	40,504	5,461,756	187,844	17,528	5,667,128
2016	3,666,098	1,788,972	40,333	5,495,403	188,465	17,050	5,700,918
2017	3,693,882	1,803,793	40,296	5,537,971	188,894	16,706	5,743,571
2018	3,718,317	1,813,016	40,114	5,571,447	188,823	16,330	5,776,600
2019	3,742,106	1,824,603	39,591	5,606,300	189,380	16,068	5,811,748
2020	3,769,495	1,832,425	38,644	5,640,564	189,399	15,811	5,845,774
2021	3,790,736	1,839,450	38,610	5,668,796	188,690	15,674	5,873,160
2022	3,814,617	1,857,865	38,301	5,710,783	189,577	15,518	5,915,878
2023	3,839,406	1,875,644	37,994	5,753,044	189,804	15,362	5,958,210
2024	3,863,332	1,893,115	37,690	5,794,137	189,902	15,209	5,999,248

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Model Quarterly Data

QUARTER	ABRMUNS_SCG	ABRSUNS_SCG	ACTS_SCG	ACTCOM_SCG	ACTIND_SCG	ACTM_SCG	ACTRES_SCG	ACTS_SCG
197901	37259	63108	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
197902	44803	68485	21760	169821	29173	1005379	3462591	2435452
197903	41418	64798	22140	167707	28995	1010162	3476190	2443888
197904	43781	54887	22457	170775	29321	1026091	3509240	2460692
198001	33683	45694	23296	173655	29945	1037994	3533941	2472651
198002	25032	32706	24102	172097	30014	1041431	3543867	2478334
198003	27341	41724	24546	169644	29643	1043594	3549830	2481689
198004	31048	46635	24929	172236	29947	1057898	3576572	2493744
198101	24927	39473	31579	175632	30504	1072483	3608559	2504497
198102	24365	41699	31304	174367	30256	1076559	3611789	2503925
198103	18652	23217	29962	172022	29902	1078044	3612724	2504718
198104	17047	21020	30582	174608	30033	1091195	3636664	2514887
198201	11426	22354	31608	178996	30466	1104139	3658304	2522557
198202	15159	22058	32353	177726	30302	1106965	3662841	2523523
198203	16703	23252	32855	174644	29749	1106280	3660581	2521446
198204	15103	30457	33370	177395	29863	1117054	3677975	2527551
198301	23402	41980	34187	179985	30084	1128021	3694455	2532247
198302	28829	55146	34798	177939	29607	1130694	3695477	2529985
198303	35336	56596	35248	175196	29053	1132083	3696772	2529441
198304	37289	62305	35646	178317	29199	1146114	3720405	2538645
198401	61170	72509	36193	181432	29619	1160271	3744971	2548507
198402	50725	62654	36557	179359	29356	1163851	3752128	2551720
198403	53248	52817	36760	177994	28795	1165279	3755147	2553108
198404	53743	56478	37190	183999	29037	1181469	3783068	2564409
198501	68566	68303	37774	189323	29678	1197646	3810517	2575098
198502	68958	59631	38360	186775	29218	1202079	3817821	2577382
198503	74462	58413	38852	184468	28543	1207655	3828173	2581666
198504	90560	62211	39231	187458	28822	1219454	3850619	2591934
198601	91389	69304	39720	189650	29332	1243939	3893499	2609840
198602	90759	76139	40005	186389	28649	1250360	3903795	2613430
198603	78058	70469	40247	182863	27912	1258323	3916592	2618022
198604	102916	85729	40501	184733	27823	1280489	3954912	2633922
198701	88325	93714	40826	190574	28347	1302803	3995536	2651907
198702	69538	73625	41162	188043	27850	1312358	4012747	2659227
198703	69068	72866	41404	184712	27136	1322235	4031152	2667513
198704	60158	70440	41688	186362	27028	1344814	4070712	2684209
198801	54756	90437	42125	193364	28016	1368689	4111630	2700817
198802	50091	82977	42559	189501	27463	1375679	4125501	2707263
198803	49379	89608	42956	186425	26836	1383026	4141255	2715273
198804	55478	96922	43189	187920	26831	1404520	4179581	2731872
198901	49119	90024	43391	194649	27845	1426757	4222026	2751878
198902	42981	92666	43486	191744	27450	1433180	4237672	2761007
198903	38271	89679	43620	188764	26723	1437164	4250622	2769838
198904	39523	89638	43722	190190	26736	1452744	4283280	2786814
199001	45372	80062	43795	195521	27459	1469487	4319686	2806404
199002	35111	56613	43874	193678	27049	1477152	4337799	2816773
199003	32111	49096	43875	190725	26424	1477648	4345044	2823521
199004	20386	40108	43959	191440	26289	1488886	4369935	2837090
199101	12966	33471	44067	195816	26806	1500306	4396466	2852093
199102	17263	41927	44178	192800	26244	1501548	4402089	2856363
199103	16634	40378	44331	190390	25597	1501017	4406958	2861610
199104	15917	40173	44460	191174	25475	1507364	4421843	2870019
199201	11870	42194	44659	194234	25572	1511631	4438190	2881900
199202	9201	43897	44776	190425	24935	1509746	4439479	2884957
199203	9573	40262	44881	187121	24407	1501504	4431619	2885233
199204	9179	41888	44929	187373	24258	1502255	4438531	2891347
199301	7882	37644	45095	192344	24799	1509962	4456201	2901144
199302	6759	41258	45287	188806	24168	1504861	4452018	2901871
199303	5784	34329	45391	185433	23757	1494730	4441120	2900999
199304	3253	37610	45379	185741	23765	1497777	4452230	2909075
199401	5928	43767	45293	189533	24061	1501719	4467000	2919988

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199402	7294	40856	45312	186951	23663	1497561	4465684	2922811
199403	9902	41989	45281	184468	23364	1489713	4458251	2923257
199404	12224	36933	45215	185339	23379	1496208	4472729	2931306
199501	8457	35173	45232	188744	23741	1503171	4493203	2944800
199502	6938	33221	45294	186059	23440	1503779	4499152	2950079
199503	7047	36269	45434	184028	23066	1501523	4500409	2953451
199504	6887	35349	45526	183708	22923	1509305	4517360	2962528
199601	9475	38675	45628	185874	23175	1521741	4544977	2977608
199602	9528	38291	45686	183496	22956	1524504	4556289	2986099
199603	5466	37386	45587	181701	22686	1518795	4552726	2988345
199604	8049	33559	45519	182782	22776	1527454	4573098	3000125
199701	6417	43293	45466	184554	23014	1537124	4593585	3010996
199702	12056	38905	45379	181809	22608	1535612	4595709	3014719
199703	7473	38512	45380	180213	22353	1531641	4595433	3018413
199704	10383	44237	45295	180969	22358	1539710	4614637	3029632
199801	7048	44232	45304	184313	22975	1552596	4642333	3044433
199802	10617	43559	45215	183095	22803	1558746	4653634	3049673
199803	10396	47313	45190	181986	22581	1557412	4657881	3055279
199804	10592	43482	45156	182834	22653	1567776	4683316	3070384
199901	12646	47161	45141	185911	22866	1579502	4711782	3087139
199902	8472	48011	45093	185272	22599	1582432	4724775	3097250
199903	13969	49168	45091	184391	22339	1580597	4732846	3107158
199904	13794	47031	45090	185012	22289	1587582	4757117	3124445
200001	17383	48630	45009	187065	22394	1596479	4783335	3141847
200002	17042	37263	44871	185888	22115	1597475	4794660	3152314
200003	19301	44809	44820	184558	21844	1594370	4800050	3160859
200004	10551	51863	44739	185867	21932	1601783	4824510	3177989
200101	16508	53273	44651	188600	22199	1608491	4848704	3195562
200102	16071	53500	44479	187803	21927	1605712	4853652	3203461
200103	14278	49632	44412	186703	21679	1599657	4856912	3212843
200104	13197	53078	44407	187598	21630	1605326	4881462	3231730
200201	13913	61062	44367	190614	21742	1613507	4909394	3251520
200202	12388	57424	44270	189849	21476	1613461	4920956	3263225
200203	13112	62596	44153	189150	21237	1609426	4926280	3272701
200204	21989	66623	44072	189601	21127	1614441	4946789	3288275
200301	19782	72678	44006	191116	21184	1618408	4968702	3306288
200302	22328	76941	43897	190214	20867	1619931	4980658	3316830
200303	16698	64724	43776	189309	20673	1620392	4988299	3324131
200304	19721	80862	43763	189817	20670	1626189	5011183	3341231
200401	21148	82206	43703	192352	20910	1634655	5039238	3360880
200402	22137	81198	43577	191276	20734	1633439	5047519	3370503
200403	25128	80523	43454	190237	20584	1629435	5053248	3380359
200404	21793	80560	43425	191297	20709	1634803	5076837	3398609
200501	27596	79816	43352	193383	21017	1640393	5100901	3417155
200502	19568	85681	43237	192475	20558	1637890	5108554	3427427
200503	22746	93416	43143	191563	20387	1633767	5116843	3439933
200504	15795	81708	42975	191659	20396	1638381	5135984	3454628
200601	25043	84668	42863	193017	20672	1645822	5162385	3473701
200602	21954	76899	42773	192834	20354	1649620	5178701	3486307
200603	18627	62509	42603	191607	20103	1644433	5178505	3491469
200604	22726	52956	42542	191825	20100	1650740	5197794	3504512
200701	21870	49115	42520	194375	20455	1662142	5225228	3520565
200702	19215	47101	42421	193127	20346	1665832	5232489	3524236
200703	19235	34659	42318	191843	20123	1664141	5230559	3524100
200704	17649	25931	42285	192101	20106	1671506	5242412	3528621
200801	17673	24020	42207	193912	20397	1681412	5257468	3533850
200802	17808	21810	42072	192245	20213	1683528	5256988	3531389
200803	9071	17591	41951	190856	20028	1680646	5250571	3527974
200804	10022	13973	41875	190609	19923	1681869	5254707	3530962
200901	9318	11119	41783	191757	20008	1685200	5268718	3541735
200902	6269	16087	41741	190263	19759	1684061	5272434	3546633

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200903	4026	16605	41675	188710	19502	1676356	5265381	3547350
200904	3095	15609	41644	188725	19440	1679389	5275926	3554893
201001	5619	16881	41600	189781	19565	1690235	5297499	3565664
201002	4161	14008	41547	188284	19404	1696798	5308012	3569667
201003	11013	13721	41429	187159	19218	1697647	5309477	3570401
201004	6504	15888	41369	187339	19195	1704660	5321738	3575709
201101	4704	14929	41314	188651	19358	1712904	5336779	3582562
201102	16917	12263	41279	187549	19173	1717290	5343611	3585043
201103	13003	11250	41216	186425	19003	1714903	5340608	3584489
201104	11784	11857	41164	186725	19010	1720024	5349821	3588633
201201	12326	12366	41117	188160	19208	1729135	5366857	3596605
201202	18456	12883	41059	187140	19059	1731820	5371021	3598142
201203	12992	15003	41002	186246	18877	1728963	5367782	3597817
201204	13146	19405	40973	186438	18811	1732734	5375820	3602113
201301	18873	19840	40957	188475	19023	1742020	5394604	3611626
201302	15236	18670	40926	187796	18922	1745100	5400352	3614326
201303	16340	21181	40868	186783	18805	1740685	5394638	3613085
201304	22449	22475	40832	187121	18813	1747616	5409119	3620671
201401	16982	24005	40799	188566	18926	1756290	5426685	3629596
201402	17615	22441	40737	187669	18740	1761218	5435561	3633606
201403	16601	23246	40644	186592	18592	1757676	5429427	3631107
201404	27283	24696	40616	186457	18558	1761316	5437762	3635830
201501	25888	23654	40586	188397	17927	1769302	5454057	3644169
201502	33954	27405	40562	188310	17486	1775119	5464003	3648323
201503	27869	23897	40455	187167	17374	1773044	5459774	3646275
201504	18203	24092	40413	187501	17325	1777419	5469187	3651356
201601	21758	24952	40354	189326	17284	1786454	5487697	3660889
201602	26147	24511	40297	188833	17110	1787695	5489210	3661218
201603	24172	26784	40338	187915	16945	1788680	5495847	3666829
201604	23127	30611	40343	187785	16861	1793059	5508857	3675454
201701	17255	28756	40340	189526	16883	1801503	5529110	3687267
201702	26583	33955	40322	189197	16764	1805163	5537851	3692365
201703	21167	31078	40276	188404	16645	1802885	5537254	3694093
201704	19689	31824	40244	188449	16530	1805623	5547670	3701803
201801	25339	35901	40182	189474	16542	1811838	5563864	3711844
201802	21049	33782	40140	189126	16404	1813728	5570682	3716814
201803	20222	32869	40085	188346	16229	1811675	5570789	3719029
201804	17617	24901	40048	188346	16144	1814825	5580452	3725579
201901	18775	26246	40043	189934	16238	1821870	5597630	3735717
201902	20027	29427	39902	189748	16112	1824641	5604685	3740142
201903	19630	30664	39638	188860	15983	1824066	5605637	3741933
201904	25388	33306	38783	188979	15938	1827836	5617252	3750633
202001	24902	37951	38637	190381	15950	1832339	5630305	3759329
202002	13566	23697	38649	189677	15838	1833477	5638818	3766691
202003	13928	35064	38645	188915	15709	1831984	5643457	3772828
202004	17903	42314	38644	188622	15747	1831899	5649676	3779132
202101	24179	36821	38614	188872	15738	1833213	5656855	3785028
202102	25400	35611	38615	188790	15675	1836290	5663723	3788818
202103	20763	32546	38611	188533	15672	1841459	5672294	3792223
202104	25057	36685	38598	188565	15613	1846838	5682310	3796873
202201	24799	36219	38305	190176	15580	1852850	5697801	3806646
202202	25236	36477	38306	189605	15518	1856338	5706933	3812289
202203	24612	36852	38302	189266	15515	1858933	5713584	3816348
202204	23657	36665	38290	189263	15457	1863337	5724810	3823184
202301	23535	36648	37998	190535	15424	1870286	5739942	3831657
202302	23629	36236	38000	189884	15363	1874113	5749377	3837264
202303	23288	36126	37996	189441	15360	1876883	5755926	3841047
202304	23256	36091	37983	189354	15303	1881293	5766931	3847655
202401	23389	35955	37694	190643	15270	1888133	5781717	3855890
202402	23008	36028	37696	189981	15209	1891675	5790641	3861270
202403	22809	35895	37692	189530	15206	1894197	5796746	3864857
202404	22414	35916	37679	189453	15150	1898455	5807448	3871313

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197901	4040	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
197902	4116	98	13899	3	39452	79459	39909	21858
197903	4119	104	16933	4	45922	90391	44365	22243
197904	4269	110	15356	4	41390	81317	39817	22568
198001	4216	119	14292	4	38891	75958	36947	23415
198002	4268	128	17191	3	43912	83816	39776	24230
198003	4217	151	20216	3	50852	95584	44581	24697
198004	4364	157	18437	2	46283	87085	40645	25086
198101	4325	163	16123	0	40556	76481	35762	31743
198102	4367	157	18475	1	44365	82243	37721	31462
198103	4302	169	21116	1	50093	91218	40956	30131
198104	4393	179	18563	2	44666	81636	36791	30761
198201	4308	174	16131	2	39478	73227	33576	31782
198202	4325	201	18383	2	43548	79817	36068	32554
198203	4250	226	21537	3	50821	91669	40622	33081
198204	4348	248	19239	4	47016	85339	38075	33618
198301	4314	249	17781	6	43447	80400	36704	34436
198302	4367	249	20637	3	47363	88954	41342	35047
198303	4307	286	23772	1	53594	100550	46670	35534
198304	4454	299	20893	0	47819	91068	42949	35945
198401	4442	294	18131	0	42628	82403	39481	36487
198402	4523	300	20280	1	46996	89668	42372	36857
198403	4558	319	22951	1	53765	100262	46179	37078
198404	4714	317	19619	1	47562	89093	41214	37507
198501	4704	303	16804	0	42917	80662	37441	38077
198502	4793	331	20398	1	50190	92107	41587	38691
198503	4797	353	24199	4	57038	102936	45545	39205
198504	4952	347	20507	3	54633	97685	42705	39577
198601	4909	326	18242	5	47813	84448	36309	40046
198602	4990	338	22318	9	54243	94974	40393	40343
198603	4989	367	25775	11	62697	108950	45886	40614
198604	5171	340	23405	11	58156	99559	41063	40841
198701	5115	329	18723	12	54940	91380	36111	41155
198702	5227	354	22092	14	63337	103228	39537	41515
198703	5177	380	25342	14	71753	115200	43067	41784
198704	5372	382	22958	12	68037	107815	39396	42070
198801	5349	355	17751	10	62319	98112	35438	42480
198802	5451	374	22377	15	70566	111305	40366	42932
198803	5435	373	25312	17	78747	124158	45038	43329
198804	5615	391	23331	14	72559	115882	42932	43580
198901	5563	368	18387	9	64851	103370	38151	43759
198902	5631	389	22327	12	70593	113551	42569	43875
198903	5580	402	25093	364	79291	127618	47926	44022
198904	5782	395	22852	818	74943	120762	45425	44117
199001	5783	385	17735	1146	68770	109854	40699	44180
199002	5834	377	19254	1893	71045	114081	42659	44251
199003	5778	407	21421	2580	81014	129152	47732	44282
199004	5866	390	19926	2781	80144	125640	45105	44349
199101	5743	364	16961	2553	78379	119372	40629	44430
199102	5766	363	19679	3082	83678	127227	43186	44541
199103	5712	372	21638	3489	91798	140109	47939	44702
199104	5780	439	20652	3363	91992	140156	47726	44899
199201	5610	451	18601	3042	94017	140321	45853	45110
199202	5644	432	22096	3584	99784	149014	48798	45208
199203	5594	440	24046	3885	112829	168634	55365	45321
199204	5661	507	22572	3693	115539	171814	55768	45436
199301	5559	503	19627	3184	113021	167521	53997	45599
199302	5581	496	23229	3633	121121	181073	59457	45783
199303	5556	584	26269	4058	134264	201640	66793	45974
199304	5615	655	26126	4082	133607	200779	66517	46034
199401	5555	745	24394	3845	132217	196896	63934	46039

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199402	5617	808	27918	4355	137885	206639	67945	46120
199403	5612	875	30572	4738	146586	222269	74809	46156
199404	5719	957	30516	4755	142415	216252	72880	46171
199501	5671	968	28926	4500	136192	206342	69181	46200
199502	5741	973	31767	4908	138117	210727	71637	46267
199503	5717	960	33764	5216	142707	219143	75476	46394
199504	5822	941	34305	5282	137575	212502	73986	46467
199601	5750	841	32766	4965	128924	200553	70787	46470
199602	5829	740	35098	5223	129319	205118	75059	46426
199603	5803	817	37129	5572	134857	210977	75303	46403
199604	5926	850	36657	5509	127834	201029	72345	46369
199701	5891	836	35926	5393	120032	190818	69950	46302
199702	5999	886	39055	5847	122971	198138	74280	46265
199703	5976	853	40907	6163	128198	208195	79145	46232
199704	6108	849	40239	5974	121671	200172	77652	46144
199801	6078	834	38423	5867	110483	183780	72464	46138
199802	6188	848	40007	6136	105551	182461	76062	46063
199803	6192	880	41556	6390	107825	188206	79501	46070
199804	6340	831	41182	6344	98490	173943	74623	45986
199901	6278	799	39259	6073	88242	157737	68696	45941
199902	6387	802	40521	6233	86507	156312	69003	45895
199903	6396	818	41900	6495	89304	159839	69717	45909
199904	6551	787	41940	6494	83574	148362	64001	45877
200001	6508	754	40833	6350	75631	134313	57928	45763
200002	6619	737	42315	6610	76015	134585	57834	45608
200003	6599	749	43741	6861	80335	140872	59787	45569
200004	6737	748	43013	6793	74019	130695	55928	45486
200101	6721	702	41226	6534	67960	119745	51084	45353
200102	6784	749	42504	6728	72016	128202	55437	45228
200103	6724	774	43880	6944	79805	139377	58798	45186
200104	6828	719	43557	6973	75537	130021	53765	45125
200201	6756	679	41538	6739	68986	117923	48258	45045
200202	6856	677	42831	6867	70607	120337	49053	44947
200203	6803	698	43899	7029	75861	128634	52075	44850
200204	6938	682	43975	7075	72321	123817	50814	44754
200301	6851	685	43060	6995	69765	118661	48211	44691
200302	6929	663	44215	7291	71869	122141	49609	44560
200303	6885	675	45344	7522	78554	132631	53401	44451
200304	7024	632	45262	7580	76529	128389	51227	44395
200401	6973	596	43590	7431	72028	118993	46368	44299
200402	7075	625	44874	7526	76305	128029	51099	44202
200403	7037	643	46142	7703	82188	139376	56545	44096
200404	7196	618	45478	7640	79363	134878	54898	44043
200501	7135	597	43924	7446	76220	128565	51749	43949
200502	7251	618	45289	7646	80350	136953	55985	43855
200503	7236	643	46438	7820	88130	151121	62347	43786
200504	7406	644	46590	7835	85626	148742	62473	43619
200601	7366	634	45757	7709	82281	143352	60436	43497
200602	7461	622	46546	7831	82720	146423	63081	43395
200603	7423	669	48087	8010	92378	164355	71307	43272
200604	7552	640	48177	8050	90923	163230	71668	43182
200701	7479	619	46194	7815	85935	154186	67632	43140
200702	7537	649	47636	8020	87426	160154	72079	43071
200703	7485	699	49127	8218	94036	174931	80196	43018
200704	7598	645	49384	8236	91991	176412	83776	42931
200801	7462	638	48172	8047	87260	172784	84886	42845
200802	7504	664	49923	8284	90466	183037	91908	42736
200803	7377	694	51482	8489	99091	200010	100224	42645
200804	7404	696	52056	8624	102770	205256	101790	42572
200901	7160	698	51488	8575	102768	197983	94517	42482
200902	7103	698	53209	8837	108006	200973	92269	42438

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QUARTER	ECOMNS_SCG	INACT5_SCG	INACTCOM_SCG	INACTIND_SCG	INACTM_SCG	INACTRES_SCG	INACTS_SCG	CONN5_SCG
200903	6917	722	54720	9093	119628	215201	94851	42397
200904	7021	697	54864	9143	119417	210882	90769	42341
201001	6911	689	54025	9050	112248	196138	83201	42288
201002	7011	680	55621	9258	108815	191707	82211	42227
201003	6898	722	56783	9428	111199	196378	84457	42152
201004	7053	712	56754	9444	106412	189086	81962	42081
201101	6975	703	55789	9283	99493	177499	77304	42016
201102	7029	691	56832	9440	96455	173847	76700	41970
201103	6969	708	57937	9622	100462	180696	79525	41924
201104	7118	705	57797	9594	97281	175724	77738	41870
201201	7079	689	56684	9425	90458	162914	71767	41806
201202	7209	697	57678	9527	89969	162747	72081	41756
201203	7158	696	58650	9655	95022	170407	74688	41698
201204	7350	683	58710	9663	93179	167079	73217	41657
201301	7287	652	56955	9409	86269	153759	66838	41609
201302	7390	645	57744	9530	85594	153289	67050	41570
201303	7353	664	58691	9644	92624	164845	71557	41532
201304	7553	658	58425	9613	87757	156087	67672	41490
201401	7489	645	57211	9473	82070	145086	62370	41445
201402	7574	668	58260	9613	80822	144199	62708	41406
201403	7541	711	59080	9696	86468	154613	67433	41355
201404	7755	725	59192	9686	85835	153723	67163	41340
201501	7692	723	58289	9557	80791	144659	63145	41309
201502	7785	739	58991	9615	80058	146375	65578	41301
201503	7785	780	60028	9695	84773	154840	69288	41235
201504	8021	784	60126	9698	83447	152379	68148	41197
201601	7944	800	58687	9184	78523	142570	63246	41154
201602	8038	812	59338	9045	80371	148319	67136	41108
201603	8004	719	60150	9111	82111	149110	66280	41057
201604	8205	679	60119	9121	80036	143750	63036	41022
201701	8103	659	58604	9001	74315	131480	56506	41000
201702	8202	650	58944	9055	73099	129950	56200	40972
201703	8178	688	59774	9109	78330	139182	60164	40964
201704	8395	660	59881	9130	77753	137472	59058	40904
201801	8325	668	59150	9060	73845	129263	54750	40850
201802	8387	662	59499	9087	74193	130385	55530	40802
201803	8350	682	60244	9175	78727	138489	59080	40767
201804	8565	690	60386	9184	78309	138033	59034	40738
201901	8464	659	58875	9034	73889	128627	54079	40702
201902	8531	648	59181	9087	74009	129128	54471	40549
201903	8492	665	60090	9173	77276	135995	58054	40303
201904	8715	689	60104	9191	77499	134977	56789	39472
202001	8624	659	58909	9082	75608	129302	53035	39296
202002	7426	647	59574	9116	77447	129260	51166	39296
202003	7622	650	60397	9161	81712	132799	50438	39294
202004	7882	672	60732	9150	85371	136769	50726	39316
202101	7786	686	60547	9084	86775	137674	50213	39300
202102	8018	681	60646	9078	86765	139312	51866	39297
202103	8102	709	60915	9101	84857	140831	55265	39321
202104	8335	731	60820	9096	81568	138327	56028	39330
202201	8129	681	59583	8993	79751	133534	53102	38986
202202	8397	676	59863	8987	80459	134299	53164	38982
202203	8448	704	60626	9010	82439	138421	55279	39006
202204	8601	725	60726	9005	82707	138638	55205	39015
202301	8318	675	59696	8903	80502	134628	53451	38674
202302	8499	670	59951	8897	81229	135412	53512	38670
202303	8476	698	60682	8920	83235	139569	55636	38694
202304	8645	720	60755	8915	83504	139782	55558	38703
202401	8352	670	59730	8814	81270	135729	53789	38364
202402	8528	665	59982	8808	81990	136503	53847	38361
202403	8516	692	60711	8831	84003	140676	55981	38385
202404	8674	714	60787	8826	84266	140880	55900	38393

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	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
197901	183720	29175	1044831	3542050	2475361	3661585	3754945	93361
197902	184640	28998	1056084	3566581	2488253	3672891	3780219	107328
197903	186131	29325	1067481	3590558	2500509	3709337	3806014	96677
198001	187947	29949	1076885	3609899	2509598	3737541	3827795	90254
198002	189288	30018	1085343	3627683	2518110	3745978	3846989	101011
198003	189860	29646	1094447	3645414	2526270	3749117	3864920	115804
198004	190673	29948	1104182	3663657	2534389	3778754	3884278	105524
198101	191756	30504	1113039	3685041	2540259	3814695	3907300	92605
198102	192842	30256	1120924	3694032	2541646	3816412	3917131	100719
198103	193137	29903	1128137	3703942	2545674	3814648	3926983	112335
198104	193171	30035	1135861	3718300	2551678	3841305	3941506	100201
198201	195127	30468	1143617	3731531	2556132	3867765	3957126	89360
198202	196109	30304	1150513	3742658	2559591	3870869	3969071	98202
198203	196181	29752	1157101	3752250	2562068	3864975	3978183	113209
198204	196634	29867	1164070	3763314	2565626	3885233	3989815	104582
198301	197766	30090	1171468	3774855	2568951	3904524	4002711	98187
198302	198576	29610	1178057	3784431	2571326	3903023	4012616	109594
198303	198967	29054	1185677	3797322	2576111	3901021	4025344	124323
198304	199210	29199	1193933	3811473	2581594	3927921	4039882	111961
198401	199562	29619	1202899	3827374	2587988	3956022	4056556	100534
198402	199640	29357	1210847	3841796	2594092	3960843	4070793	109950
198403	200945	28796	1219044	3855409	2599287	3961936	4085150	123215
198404	203617	29038	1229031	3872161	2605623	3996103	4104816	108713
198501	206126	29678	1240563	3891179	2612539	4029518	4126984	97466
198502	207173	29218	1252269	3909929	2618969	4033814	4146320	112506
198503	208667	28547	1264693	3931109	2627211	4041185	4168323	127138
198504	207966	28825	1274087	3948303	2634639	4066899	4185094	118195
198601	207892	29337	1291752	3977948	2646149	4112482	4215177	102695
198602	208707	28658	1304602	3998769	2653824	4118833	4236134	117302
198603	208638	27923	1321020	4025542	2663907	4127366	4262103	134736
198604	208138	27834	1338645	4054471	2674985	4167468	4290443	122975
198701	209297	28359	1357743	4086916	2688018	4214456	4324572	110116
198702	210135	27864	1375695	4115974	2698764	4228639	4353973	125334
198703	210053	27149	1393988	4146352	2710580	4243000	4383555	140555
198704	209320	27039	1412851	4178526	2723605	4284102	4414886	130784
198801	211115	28026	1431008	4209742	2736255	4333010	4448883	115873
198802	211878	27478	1446245	4236806	2747629	4342465	4476162	133697
198803	211737	26853	1461772	4265413	2760311	4354515	4504003	149487
198804	211251	26845	1477080	4295463	2774803	4394332	4533559	139228
198901	213036	27854	1491608	4325396	2790029	4444520	4566286	121766
198902	214071	27462	1503773	4351224	2803576	4456866	4592757	135890
198903	213857	27087	1516455	4378240	2817763	4466109	4619184	153075
198904	213043	27555	1527687	4404043	2832238	4500207	4644640	144433
199001	213256	28605	1538257	4429540	2847103	4542666	4671402	128736
199002	212932	28943	1548197	4451879	2859431	4558526	4693754	135228
199003	212146	29004	1558661	4474196	2871253	4562193	4715345	153153
199004	211367	29070	1569031	4495575	2882195	4587665	4736011	148347
199101	212776	29359	1578685	4515838	2892723	4619088	4757973	138885
199102	212479	29325	1585226	4529316	2899549	4621133	4771120	149987
199103	212028	29086	1592815	4547067	2909550	4622945	4788180	165235
199104	211826	28838	1599356	4561999	2917745	4638493	4802664	164171
199201	212836	28614	1605648	4578511	2927753	4657996	4819961	161965
199202	212521	28520	1609530	4588493	2933755	4654839	4829533	174694
199203	211168	28292	1614333	4600253	2940598	4643147	4839713	196566
199204	209945	27952	1617793	4610344	2947115	4650162	4848241	198079
199301	211971	27984	1622983	4623722	2955141	4673344	4863677	190332
199302	212034	27801	1625981	4633091	2961327	4664992	4872927	207935
199303	211703	27815	1628994	4642760	2967791	4650310	4882278	231967
199304	211866	27847	1631384	4653009	2975591	4661736	4892722	230987
199401	213927	27906	1633936	4663896	2983921	4680595	4905730	225135

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199402	214869	28018	1635446	4672323	2990756	4676298	4915210	238912
199403	215040	28102	1636299	4680520	2998066	4666084	4923663	257579
199404	215855	28133	1638623	4688980	3004186	4681447	4932969	251522
199501	217670	28240	1639364	4699545	3013981	4705688	4945455	239767
199502	217826	28348	1641896	4709878	3021715	4708650	4956052	247402
199503	217793	28282	1644230	4719551	3028927	4707503	4965626	258123
199504	218014	28205	1646880	4729862	3036514	4723991	4976080	252090
199601	218640	28140	1650665	4745530	3048395	4754027	4992310	238283
199602	218594	28179	1653824	4761408	3061158	4762742	5008181	245439
199603	218830	28258	1653652	4763704	3063648	4757113	5010792	253678
199604	219440	28284	1655288	4774126	3072469	4778656	5021850	243195
199701	220479	28407	1657156	4784404	3080946	4801153	5033290	232137
199702	220864	28455	1658583	4793847	3088999	4800126	5043165	243039
199703	221120	28517	1659839	4803629	3097558	4798000	5053265	255265
199704	221208	28331	1661381	4814809	3107284	4817963	5064348	246385
199801	222737	28842	1663079	4826113	3116896	4849621	5077692	228071
199802	223102	28939	1664297	4836096	3125735	4859532	5088136	228604
199803	223543	28970	1665237	4846087	3134780	4862448	5098600	236152
199804	224016	28997	1666266	4857260	3145007	4888804	5110273	221469
199901	225169	28939	1667744	4869520	3155835	4920559	5123628	203069
199902	225792	28832	1668939	4881087	3166253	4932646	5135711	203065
199903	226291	28833	1669901	4892684	3176875	4939575	5147808	208233
199904	226952	28783	1671157	4905479	3188446	4964418	5161214	196796
200001	227898	28745	1672110	4917648	3199775	4992795	5174291	181496
200002	228203	28725	1673490	4929245	3210148	5002663	5186173	183510
200003	228299	28706	1674705	4940921	3220647	5006452	5197926	191474
200004	228881	28725	1675802	4955205	3233917	5032310	5212811	180501
200101	229826	28732	1676450	4968449	3246646	5059503	5227008	167505
200102	230307	28656	1677728	4981854	3258898	5063383	5240817	177435
200103	230583	28623	1679462	4996289	3271641	5065294	5255495	190201
200104	231156	28602	1680863	5011483	3285495	5090690	5271241	180551
200201	232152	28481	1682493	5027317	3299778	5121750	5287950	166200
200202	232680	28343	1684068	5041293	3312278	5132281	5302316	170034
200203	233049	28266	1685287	5054914	3324776	5136667	5316229	179562
200204	233576	28201	1686762	5070605	3339089	5157516	5332383	174867
200301	234176	28179	1688173	5087363	3354499	5181002	5349719	168717
200302	234430	28157	1691800	5102799	3366439	5191739	5365386	173647
200303	234653	28195	1698946	5120930	3377532	5198281	5383778	185497
200304	235080	28250	1702718	5139572	3392458	5221671	5402902	181231
200401	235942	28341	1706683	5158231	3407249	5252501	5422514	170013
200402	236150	28260	1709744	5175548	3421602	5259529	5439957	180428
200403	236379	28286	1711623	5192624	3436905	5264068	5457289	193221
200404	236775	28349	1714166	5211715	3453507	5288843	5476840	187996
200501	237307	28463	1716613	5229466	3468904	5315301	5495237	179936
200502	237764	28205	1718240	5245507	3483412	5321587	5511476	189888
200503	238002	28207	1721898	5267964	3502280	5328794	5534173	205379
200504	238249	28232	1724006	5284726	3517101	5348039	5551207	203168
200601	238774	28381	1728103	5305737	3534137	5376074	5572892	196818
200602	239380	28185	1732341	5325124	3549389	5391889	5592689	200800
200603	239694	28113	1736811	5342860	3562776	5390215	5610667	220452
200604	240001	28149	1741663	5361024	3576179	5409718	5629175	219457
200701	240569	28270	1748077	5379414	3588197	5440058	5648253	208195
200702	240764	28366	1753258	5392644	3596315	5445963	5661773	215811
200703	240970	28341	1758177	5405490	3604296	5442525	5674801	232276
200704	241485	28342	1763497	5418824	3612396	5454618	5688651	234033
200801	242084	28444	1768672	5430253	3618736	5471777	5700780	229003
200802	242168	28497	1773994	5440026	3623296	5469447	5710691	241244
200803	242338	28518	1779737	5450581	3628198	5461456	5721436	259981
200804	242664	28547	1784639	5459962	3632752	5465238	5731174	265936
200901	243245	28583	1787967	5466701	3636252	5480484	5738530	258046
200902	243472	28596	1792067	5473407	3638902	5482457	5745476	263019

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200903	243429	28595	1795984	5480582	3642201	5473593	5752607	279014
200904	243589	28584	1798805	5486808	3645662	5484091	5758981	274890
201001	243806	28615	1802483	5493637	3648865	5506845	5766058	259213
201002	243905	28662	1805613	5499719	3651879	5515701	5772286	256586
201003	243942	28647	1808846	5505856	3654858	5515855	5778445	262590
201004	244093	28639	1811072	5510824	3657671	5528272	5783556	255284
201101	244440	28641	1812396	5514278	3659866	5544788	5787359	242571
201102	244381	28613	1813745	5517458	3661743	5550333	5790452	240119
201103	244362	28625	1815365	5521303	3664014	5546036	5794290	248254
201104	244522	28604	1817305	5525545	3666371	5555555	5798671	243116
201201	244844	28633	1819593	5529771	3668371	5574225	5803248	229023
201202	244818	28587	1821789	5533768	3670223	5577220	5807173	229952
201203	244896	28533	1823985	5538189	3672506	5572906	5811618	238712
201204	245148	28473	1825913	5542899	3675330	5581068	5816521	235452
201301	245430	28432	1828289	5548363	3678464	5602102	5822225	220123
201302	245540	28452	1830694	5553641	3681376	5607070	5827632	220562
201303	245474	28449	1833310	5559483	3684642	5600226	5833407	233180
201304	245546	28426	1835373	5565205	3688343	5615053	5839178	224125
201401	245776	28399	1838360	5571771	3691966	5634177	5845946	211770
201402	245929	28352	1842040	5579760	3696314	5641970	5854041	212071
201403	245672	28287	1844144	5584039	3698540	5634610	5857999	223389
201404	245649	28245	1847151	5591485	3702994	5642777	5865378	222601
201501	246686	27484	1850093	5598716	3707314	5660382	5872886	212504
201502	247301	27101	1855177	5610378	3713901	5669799	5884780	214981
201503	247195	27069	1857817	5614614	3715562	5664315	5888878	224563
201504	247627	27023	1860866	5621567	3719504	5674013	5896217	222204
201601	248013	26469	1864977	5630267	3724135	5694308	5904749	210441
201602	248172	26155	1868067	5637529	3728354	5695154	5911855	216702
201603	248065	26055	1870791	5644957	3733109	5700707	5919078	218371
201604	247904	25982	1873095	5652607	3738490	5713503	5926493	212990
201701	248131	25884	1875818	5660591	3743773	5735520	5934605	199085
201702	248141	25819	1878263	5667800	3748565	5743812	5941761	197949
201703	248178	25754	1881215	5676436	3754257	5742303	5950368	208065
201704	248329	25660	1883376	5685142	3760862	5752649	5959131	206483
201801	248624	25603	1885683	5693128	3766594	5769880	5967354	197474
201802	248625	25491	1887921	5701067	3772344	5776212	5975183	198972
201803	248590	25405	1890402	5709278	3778109	5775364	5983272	207909
201804	248732	25328	1893134	5718485	3784613	5784942	5992545	207603
201901	248808	25272	1895759	5726257	3789796	5803802	6000338	196536
201902	248930	25199	1898650	5733812	3794613	5810545	6007941	197396
201903	248950	25156	1901342	5741632	3799987	5810480	6015738	205259
201904	249083	25129	1905335	5752229	3807422	5822168	6026441	204273
202001	249291	25032	1907947	5759607	3812364	5836637	6033930	197293
202002	249251	24954	1910924	5768077	3817857	5844333	6042282	197949
202003	249312	24870	1913696	5776256	3823265	5848081	6050438	202357
202004	249354	24896	1917271	5786445	3829858	5854045	6060695	206650
202101	249419	24821	1919988	5794529	3835241	5861465	6068770	207305
202102	249436	24753	1923055	5803035	3840683	5868188	6077224	209036
202103	249448	24773	1926316	5813125	3847488	5876498	6087346	210848
202104	249385	24710	1928406	5820637	3852901	5886488	6094732	208244
202201	249759	24573	1932602	5831335	3859748	5903557	6105667	202110
202202	249468	24505	1936796	5841232	3865453	5912056	6115205	203148
202203	249892	24525	1941372	5852005	3871626	5918364	6126422	208058
202204	249989	24463	1946044	5863448	3878389	5929530	6137899	208368
202301	250231	24327	1950788	5874570	3885108	5945902	6149128	203227
202302	249835	24260	1955342	5884789	3890777	5954625	6158885	204260
202303	250123	24280	1960118	5895495	3896684	5960727	6169898	209172
202304	250108	24218	1964797	5906713	3903213	5971587	6181039	209452
202401	250373	24084	1969403	5917445	3909678	5987630	6191902	204272
202402	249963	24017	1973666	5927144	3915117	5995832	6201124	205292
202403	250240	24037	1978200	5937422	3920838	6001482	6211700	210218
202404	250240	23976	1982721	5948328	3927213	6012051	6222544	210493