

Application of SAN DIEGO GAS & ELECTRIC)
COMPANY for authority to update its gas and)
electric revenue requirement and base rates)
effective January 1, 2016 (U 902-M))

Application No. 14-11-____
Exhibit No: (SDG&E- 32-WP)

WORKPAPERS TO
PREPARED DIRECT TESTIMONY
OF ROSE-MARIE PAYAN
ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

NOVEMBER 2014



San Diego Gas and Electric Customer Forecast Models

SDG&E uses econometric models to produce its customer/meter forecasts. The factor driving the residential market growth is residential new housing starts. On the other hand, the commercial and industrial (manufacturing and Mining) customer growth is explained by commercial and industrial employment growth in SDG&E' service area. The customer growth estimation was performed using the "Proc Autoreg" method from Statistical Analysis System (SAS). The historical quarterly data used in the forecast is from 1990Q1 to 2013Q4 period.

RESUnit	Total Residential Dwelling Units with Gas Service
RESHS	Residential New Housing Starts
CICUST	Commercial and Industrial Customer Counts
CIEMP	"Total Com/Ind Employment" in SDG&E service area
Dte	Date by quarter of the year
D034FIRE	Dummy variable, =1 when dte=200304, =0 otherwise
DUM0604	Dummy variable, =1 when dte=200604, =0 otherwise
DUM0702	Dummy variable, =1 when dte=200702, =0 otherwise
DUM0802	Dummy variable, =1 when dte=200802, =0 otherwise
SEA1	Seasonal Dummy - Spring
SEA2	Seasonal Dummy - Summer
SEA3	Seasonal Dummy - Fall
SEA4	Seasonal Dummy - Winter

1) Residential Meter: RESUnit (1990Q1 to 2013Q4)

$$\begin{aligned}
 \text{Diff (RESUnit)} = & \quad 611.8397 + 0.1008 * \text{RESHS (t)} \\
 & \quad (3.57) \quad (4.32) \\
 & + 0.0671 * \text{RESHS (t-1)} + 0.0279 * \text{RESHS (t -8)} \\
 & \quad (2.67) \quad (2.26) \\
 & - 650.9540 * \text{SEA2} \\
 & \quad (-3.81) \\
 & - 573.6928 * \text{SEA3} \\
 & \quad (-3.51) \\
 & + 3999 * \text{DUM0604} + 2594 * \text{DUM0702} \\
 & \quad (7.54) \quad (4.90) \\
 & -3387 * \text{DUM0802} \\
 & \quad (-6.20)
 \end{aligned}$$

* t-value is in the parenthesis.

SSE	22579132.5	DFE	77
MSE	293235	Root MSE	541.51222
Total Rsq	.8375	Durbin-Watson	1.8448

(2) Commercial & Industrial Meter: CICUST (1990Q1 to 2013Q4)

$$\begin{aligned} \ln(\text{CICUST}) = & 6.9977 + 0.2340 * \ln(\text{EMP}(t-1)) \\ & (17.83) \quad (8.31) \\ & +.002770 * \text{SEA1} + 0.005278 * \text{SEA2} \\ & (3.98) \quad (7.36) \end{aligned}$$

*t-value is in the parenthesis.

SSE	00046172	DFE	80
MSE	5.77145E-6	Root MSE	.00240
Rsqr	.9968	Durbin-Watson	1.4831

FORECAST

**(Annual
 Averages)**

	2006	2007	2008	2009	2010	2011	2012	2013
Residential	798,253	805,013	808,545	812,174	817,006	821,874	826,197	831,403
Core C/I	29,588	29,860	30,158	30,123	30,150	30,114	30,096	30,026
NGV	114	28	29	26	27	29	24	25
Non-Core C/I	56	57	53	55	58	57	58	53
Electric Generation	77	71	68	64	65	61	64	66
TOTAL	828,088	835,029	838,853	842,442	847,305	852,135	856,440	861,573
Customer Growth	9,972	6,941	3,824	3,589	4,863	4,830	4,306	5,133
Customer Growth Rate	1.22%	0.84%	0.46%	0.43%	0.58%	0.57%	0.51%	0.60%

	2014	2015	2016	2017	2018	2019	2020
Residential	838,671	848,964	861,283	874,282	887,477	900,867	914,230
Core C/I	30,038	30,020	30,074	30,176	30,289	30,407	30,536
NGV	25	25	25	26	26	27	27
Non-Core C/I	47	47	47	47	47	48	48
Electric Generation	70	74	77	80	82	85	88
TOTAL	868,851	879,130	891,506	904,611	917,921	931,433	944,929
Customer Growth	7,278	10,279	12,376	13,105	13,310	13,512	13,495
Customer Growth Rate	0.84%	1.18%	1.41%	1.47%	1.47%	1.47%	1.45%

	2021	2022	2023	2024	2025	2026
Residential	927,287	940,019	952,570	965,113	977,708	990,875
Core C/I	30,645	30,732	30,811	30,897	30,983	31,076
NGV	28	28	29	29	30	30
Non-Core C/I	48	48	48	48	49	49
Electric Generation	91	94	97	100	103	106
TOTAL	958,099	970,921	983,554	996,187	1,008,873	1,022,136
Customer Growth	13,170	12,823	12,633	12,632	12,686	13,263
Customer Growth Rate	1.39%	1.34%	1.30%	1.28%	1.27%	1.31%

	2027	2028	2029	2030	2031	2032
Residential	1,004,253	1,017,646	1,031,132	1,044,797	1,058,668	1,072,591
Core C/I	31,174	31,268	31,361	31,456	31,539	31,617
NGV	36	37	38	38	39	39
Non-Core C/I	49	49	49	49	49	50
Electric Generation	109	112	115	118	121	124
TOTAL	1,035,621	1,049,112	1,062,695	1,076,458	1,090,416	1,104,420
Customer Growth	13,485	13,491	13,583	13,764	13,958	14,004
Customer Growth Rate	1.32%	1.30%	1.29%	1.30%	1.30%	1.28%

	2033	2034	2035	2036	2037	2038
Residential	1,086,661	1,100,949	1,115,496	1,130,215	1,145,048	1,160,015
Core C/I	31,692	31,764	31,837	31,909	31,984	32,060
NGV	40	40	41	41	42	42
Non-Core C/I	50	50	50	50	50	50

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Electric Generation	127	130	133	136	139	142
TOTAL	1,118,570	1,132,932	1,147,557	1,162,351	1,177,263	1,192,308
Customer Growth	14,149	14,362	14,625	14,794	14,912	15,045
Customer Growth Rate	1.28%	1.28%	1.29%	1.29%	1.28%	1.28%

	2039	2040	2041
Residential	1,175,034	1,190,107	1,205,351
Core C/I	32,138	32,222	32,295
NGV	43	43	44
Non-Core C/I	50	50	51
Electric Generation	145	148	151
TOTAL	1,207,410	1,222,570	1,237,892
Customer Growth	15,101	15,160	15,322
Customer Growth Rate	1.27%	1.26%	1.25%

SOURCE DATA

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>
1	198704	1987	4	788534			23580.64	
2	198801	1988	1	797671	9137	788534	20466.17	23580.64
3	198802	1988	2	804216	6545	797671	24022.11	20466.17
4	198803	1988	3	810671	6455	804216	27274.14	24022.11
5	198804	1988	4	818147	7476	810671	39050.86	27274.14
6	198901	1989	1	825969	7822	818147	21818.91	39050.86
7	198902	1989	2	831294	5325	825969	17585.85	21818.91
8	198903	1989	3	836520	5226	831294	16869.71	17585.85
9	198904	1989	4	841534	5014	836520	18167.44	16869.71
10	199001	1990	1	847260	5726	841534	27752.59	18167.44
11	199002	1990	2	851332	4072	847260	15542.76	27752.59
12	199003	1990	3	854482	3150	851332	11901.18	15542.76
13	199004	1990	4	858129	3647	854482	9905.55	11901.18
14	199101	1991	1	861720	3591	858129	12171.47	9905.55
15	199102	1991	2	864472	2752	861720	10179.76	12171.47
16	199103	1991	3	866136	1664	864472	6155.59	10179.76
17	199104	1991	4	868682	2546	866136	5666.41	6155.59
18	199201	1992	1	871097	2415	868682	9482.52	5666.41
19	199202	1992	2	872315	1218	871097	6838.96	9482.52
20	199203	1992	3	873523	1208	872315	6091.7	6838.96
21	199204	1992	4	874886	1363	873523	3709.51	6091.7
22	199301	1993	1	876997	2111	874886	4324.81	3709.51
23	199302	1993	2	878154	1157	876997	5847.89	4324.81
24	199303	1993	3	878475	321	878154	5469.62	5847.89
25	199304	1993	4	880449	1974	878475	7429.01	5469.62
26	199401	1994	1	882192	1743	880449	7618.1	7429.01
27	199402	1994	2	883297	1105	882192	7035.58	7618.1
28	199403	1994	3	884264	967	883297	6594.66	7035.58
29	199404	1994	4	885713	1449	884264	7055.08	6594.66
30	199501	1995	1	887934	2221	885713	6362.52	7055.08
31	199502	1995	2	889151	1217	887934	7649.49	6362.52
32	199503	1995	3	889959	808	889151	6579.53	7649.49
33	199504	1995	4	892258	2299	889959	6283.44	6579.53
34	199601	1996	1	894767	2509	892258	6895.39	6283.44
35	199602	1996	2	896892	2125	894767	7147.7	6895.39
36	199603	1996	3	898950	2058	896892	7019.27	7147.7

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37	199604	1996	4	902164	3214	898950	7093.49	7019.27
38	199701	1997	1	903974	1810	902164	8864.77	7093.49
39	199702	1997	2	904911	937	903974	9738.32	8864.77
40	199703	1997	3	907198	2287	904911	10362.3	9738.32
41	199704	1997	4	910456	3258	907198	14851.14	10362.3
42	199801	1998	1	913807	3351	910456	11400.45	14851.14
43	199802	1998	2	916187	2380	913807	12278.94	11400.45
44	199803	1998	3	918532	2345	916187	13471.11	12278.94
45	199804	1998	4	921844	3312	918532	10586.2	13471.11
46	199901	1999	1	925659	3815	921844	15328.4	10586.2
47	199902	1999	2	928446	2787	925659	15826.24	15328.4
48	199903	1999	3	930414	1968	928446	15920.16	15826.24
49	199904	1999	4	933867	3453	930414	13922.31	15920.16
50	200001	2000	1	937026	3159	933867	13964.28	13922.31
51	200002	2000	2	939633	2607	937026	15624.62	13964.28
52	200003	2000	3	942201	2568	939633	13632.97	15624.62
53	200004	2000	4	946133	3932	942201	13154.02	13632.97
54	200101	2001	1	949299	3166	946133	15922.03	13154.02
55	200102	2001	2	951952	2653	949299	15338.07	15922.03
56	200103	2001	3	954665	2713	951952	13836.75	15338.07
57	200104	2001	4	958313	3648	954665	13198.11	13836.75
58	200201	2002	1	961875	3562	958313	15279.26	13198.11
59	200202	2002	2	965417	3542	961875	12979.17	15279.26
60	200203	2002	3	969333	3916	965417	11440.8	12979.17
61	200204	2002	4	972657	3324	969333	12876.66	11440.8
62	200301	2003	1	975867	3210	972657	17410.39	12876.66
63	200302	2003	2	978340	2473	975867	16593.78	17410.39
64	200303	2003	3	981434	3094	978340	14739.38	16593.78
65	200304	2003	4	984013	2579	981434	15747.2	14739.38
66	200401	2004	1	986498	2485	984013	15599.75	15747.2
67	200402	2004	2	988395	1897	986498	15260.73	15599.75
68	200403	2004	3	991199	2804	988395	14879.57	15260.73
69	200404	2004	4	994949	3750	991199	11680.69	14879.57
70	200501	2005	1	998429	3480	994949	16912.5	11680.69
71	200502	2005	2	1001222	2793	998429	14366.19	16912.5
72	200503	2005	3	1003616	2394	1001222	12492.38	14366.19

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73	200504	2005	4	1006384	2768	1003616	7922.12	12492.38
74	200601	2006	1	1009232	2848	1006384	10111.97	7922.12
75	200602	2006	2	1011601	2369	1009232	9225.06	10111.97
76	200603	2006	3	1013991	2390	1011601	7315.48	9225.06
77	200604	2006	4	1020374	6383	1013991	7530.56	7315.48
78	200701	2007	1	1023075	2701	1020374	6999.5	7530.56
79	200702	2007	2	1027640	4565	1023075	7636.97	6999.5
80	200703	2007	3	1029929	2289	1027640	6018.91	7636.97
81	200704	2007	4	1031285	1356	1029929	4494.93	6018.91
82	200801	2008	1	1032214	929	1031285	5204.78	4494.93
83	200802	2008	2	1030129	-2085	1032214	7020.61	5204.78
84	200803	2008	3	1030631	502	1030129	4729.32	7020.61
85	200804	2008	4	1031393	762	1030631	3266.22	4729.32
86	200901	2009	1	1032464	1071	1031393	1860.31	3266.22
87	200902	2009	2	1032937	473	1032464	4582.95	1860.31
88	200903	2009	3	1033854	917	1032937	2027.56	4582.95
89	200904	2009	4	1033348	-506	1033854	2288.67	2027.56
90	201001	2010	1	1035250	1902	1033348	4156.88	2288.67
91	201002	2010	2	1036749	1499	1035250	3277.76	4156.88
92	201003	2010	3	1037818	1069	1036749	3341.8	3277.76
93	201004	2010	4	1038994	1176	1037818	2591.13	3341.8
94	201101	2011	1	1039993	999	1038994	4001.05	2591.13
95	201102	2011	2	1041735	1742	1039993	6465.1	4001.05
96	201103	2011	3	1043032	1297	1041735	5217.05	6465.1
97	201104	2011	4	1043739.3	707.33333	1043032	5452.87	5217.05
98	201201	2012	1	1044573.7	834.33333	1043739	3675.35	5452.87
99	201202	2012	2	1045422.3	848.66667	1044574	6247.54	3675.35
100	201203	2012	3	1047002.7	1580.3333	1045422	6528.29	6247.54
101	201204	2012	4	1048516.7	1514	1047003	4275.08	6528.29
102	201301	2013	1	1049988.7	1472	1048517	6208.31	4275.08
103	201302	2013	2	1051391.7	1403	1049989	8300.84	6208.31
104	201303	2013	3	1052529	1137.3333	1051392	6156.92	8300.84
105	201304	2013	4	1053757.3	1228.3333	1052529	10018.67	6156.92
106	201401	2014	1	.	.	1053757	9799.64	10018.67
107	201402	2014	2	.	.	.	10751.46	9799.64
108	201403	2014	3	.	.	.	11200.12	10751.46

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109	201404	2014	4	12316.19	11200.12
110	201501	2015	1	13078.81	12316.19
111	201502	2015	2	13925.74	13078.81
112	201503	2015	3 .	.	.	.	14710.65	13925.74
113	201504	2015	4 .	.	.	.	15321.54	14710.65
114	201601	2016	1 .	.	.	.	15399.78	15321.54
115	201602	2016	2 .	.	.	.	15351.96	15399.78
116	201603	2016	3 .	.	.	.	15351.88	15351.96
117	201604	2016	4 .	.	.	.	15344.4	15351.88
118	201701	2017	1 .	.	.	.	15469.29	15344.4
119	201702	2017	2 .	.	.	.	15368.8	15469.29
120	201703	2017	3 .	.	.	.	15238.97	15368.8
121	201704	2017	4 .	.	.	.	15257.18	15238.97
122	201801	2018	1 .	.	.	.	15315.48	15257.18
123	201802	2018	2 .	.	.	.	15260.1	15315.48
124	201803	2018	3 .	.	.	.	15364.19	15260.1
125	201804	2018	4 .	.	.	.	15670.02	15364.19
126	201901	2019	1 .	.	.	.	15698.9	15670.02
127	201902	2019	2 .	.	.	.	15645.24	15698.9
128	201903	2019	3 .	.	.	.	15669.63	15645.24
129	201904	2019	4 .	.	.	.	15644.87	15669.63
130	202001	2020	1 .	.	.	.	15435.88	15644.87
131	202002	2020	2 .	.	.	.	15330.47	15435.88
132	202003	2020	3 .	.	.	.	15225.2	15330.47
133	202004	2020	4 .	.	.	.	15111.62	15225.2
134	202101	2021	1 .	.	.	.	14826.48	15111.62
135	202102	2021	2 .	.	.	.	14751.06	14826.48
136	202103	2021	3 .	.	.	.	14687.87	14751.06
137	202104	2021	4 .	.	.	.	14583.94	14687.87
138	202201	2022	1 .	.	.	.	14417.03	14583.94
139	202202	2022	2 .	.	.	.	14392.32	14417.03
140	202203	2022	3 .	.	.	.	14387.22	14392.32
141	202204	2022	4 .	.	.	.	14358.35	14387.22
142	202301	2023	1	14367.65	14358.35
143	202302	2023	2	14351.25	14367.65
144	202303	2023	3	14317.13	14351.25

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>
145	202304	2023	4	14319.57	14317.13
146	202401	2024	1 .	.	.	.	14400.57	14319.57
147	202402	2024	2 .	.	.	.	14608.68	14400.57
148	202403	2024	3 .	.	.	.	14747.86	14608.68
149	202404	2024	4 .	.	.	.	14906.17	14747.86
150	202501	2025	1 .	.	.	.	15030.72	14906.17
151	202502	2025	2 .	.	.	.	15155.31	15030.72
152	202503	2025	3 .	.	.	.	15254.05	15155.31
153	202504	2025	4 .	.	.	.	15423.92	15254.05
154	202601	2026	1 .	.	.	.	15498.49	15423.92
155	202602	2026	2 .	.	.	.	15584	15498.49
156	202603	2026	3 .	.	.	.	15606.21	15584
157	202604	2026	4 .	.	.	.	15589.95	15606.21
158	202701	2027	1 .	.	.	.	15646.01	15589.95
159	202702	2027	2 .	.	.	.	15597.06	15646.01
160	202703	2027	3 .	.	.	.	15527.41	15597.06
161	202704	2027	4 .	.	.	.	15440.37	15527.41
162	202801	2028	1 .	.	.	.	15535.61	15440.37
163	202802	2028	2 .	.	.	.	15612.23	15535.61
164	202803	2028	3 .	.	.	.	15604.21	15612.23
165	202804	2028	4 .	.	.	.	15559.64	15604.21
166	202901	2029	1 .	.	.	.	15696.14	15559.64
167	202902	2029	2 .	.	.	.	15778.34	15696.14
168	202903	2029	3 .	.	.	.	15802.42	15778.34
169	202904	2029	4 .	.	.	.	15820.06	15802.42
170	203001	2030	1 .	.	.	.	16006.43	15820.06
171	203002	2030	2 .	.	.	.	16171.67	16006.43
172	203003	2030	3 .	.	.	.	16166.12	16171.67
173	203004	2030	4 .	.	.	.	16246.72	16166.12
174	203101	2031	1 .	.	.	.	16331.85	16246.72
175	203102	2031	2 .	.	.	.	16235.12	16331.85
176	203103	2031	3 .	.	.	.	16141.94	16235.12
177	203104	2031	4 .	.	.	.	16179.71	16141.94
178	203201	2032	1	16329	16179.71
179	203202	2032	2	16296.71	16329
180	203203	2032	3	16246.42	16296.71

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>
181	203204	2032	4	16327.21	16246.42
182	203301	2033	1 .	.	.	.	16534.77	16327.21
183	203302	2033	2 .	.	.	.	16592.73	16534.77
184	203303	2033	3 .	.	.	.	16598.92	16592.73
185	203304	2033	4 .	.	.	.	16679.69	16598.92
186	203401	2034	1 .	.	.	.	16871.59	16679.69
187	203402	2034	2 .	.	.	.	16822.45	16871.59
188	203403	2034	3 .	.	.	.	16981.1	16822.45
189	203404	2034	4 .	.	.	.	17059.4	16981.1
190	203501	2035	1 .	.	.	.	17295.63	17059.4
191	203502	2035	2 .	.	.	.	17165.86	17295.63
192	203503	2035	3 .	.	.	.	17253.9	17165.86
193	203504	2035	4 .	.	.	.	17286.19	17253.9
194	203601	2036	1 .	.	.	.	17408.97	17286.19
195	203602	2036	2 .	.	.	.	17261.15	17408.97
196	203603	2036	3 .	.	.	.	17338.57	17261.15
197	203604	2036	4 .	.	.	.	17373.3	17338.57
198	203701	2037	1 .	.	.	.	17447.18	17373.3
199	203702	2037	2 .	.	.	.	17468.56	17447.18
200	203703	2037	3 .	.	.	.	17565.87	17468.56
201	203704	2037	4 .	.	.	.	17590.55	17565.87
202	203801	2038	1 .	.	.	.	17583.81	17590.55
203	203802	2038	2 .	.	.	.	17622.79	17583.81
204	203803	2038	3 .	.	.	.	17654.74	17622.79
205	203804	2038	4 .	.	.	.	17656.63	17654.74
206	203901	2039	1 .	.	.	.	17588.02	17656.63
207	203902	2039	2 .	.	.	.	17633.23	17588.02
208	203903	2039	3 .	.	.	.	17667.41	17633.23
209	203904	2039	4 .	.	.	.	17671.27	17667.41
210	204001	2040	1 .	.	.	.	17646.1	17671.27
211	204002	2040	2 .	.	.	.	17809.27	17646.1
212	204003	2040	3 .	.	.	.	17671.5	17809.27
213	204004	2040	4 .	.	.	.	18026.06	17671.5
214	204101	2041	1 .	.	.	.	17908.65	18026.06
215	204102	2041	2 .	.	.	.	18119.03	17908.65
216	204103	2041	3 .	.	.	.	18223.7	18119.03

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>
217	204104	2041	4				18310.73	18223.7

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>	<u>RESHSL5</u>	<u>RESHSL6</u>
1	198704	1987	4					
2	198801	1988	1					
3	198802	1988	2	23580.64				
4	198803	1988	3	20466.17	23580.64			
5	198804	1988	4	24022.11	20466.17	23580.64		
6	198901	1989	1	27274.14	24022.11	20466.17	23580.64	
7	198902	1989	2	39050.86	27274.14	24022.11	20466.17	23580.64
8	198903	1989	3	21818.91	39050.86	27274.14	24022.11	20466.17
9	198904	1989	4	17585.85	21818.91	39050.86	27274.14	24022.11
10	199001	1990	1	16869.71	17585.85	21818.91	39050.86	27274.14
11	199002	1990	2	18167.44	16869.71	17585.85	21818.91	39050.86
12	199003	1990	3	27752.59	18167.44	16869.71	17585.85	21818.91
13	199004	1990	4	15542.76	27752.59	18167.44	16869.71	17585.85
14	199101	1991	1	11901.18	15542.76	27752.59	18167.44	16869.71
15	199102	1991	2	9905.55	11901.18	15542.76	27752.59	18167.44
16	199103	1991	3	12171.47	9905.55	11901.18	15542.76	27752.59
17	199104	1991	4	10179.76	12171.47	9905.55	11901.18	15542.76
18	199201	1992	1	6155.59	10179.76	12171.47	9905.55	11901.18
19	199202	1992	2	5666.41	6155.59	10179.76	12171.47	9905.55
20	199203	1992	3	9482.52	5666.41	6155.59	10179.76	12171.47
21	199204	1992	4	6838.96	9482.52	5666.41	6155.59	10179.76
22	199301	1993	1	6091.7	6838.96	9482.52	5666.41	6155.59
23	199302	1993	2	3709.51	6091.7	6838.96	9482.52	5666.41
24	199303	1993	3	4324.81	3709.51	6091.7	6838.96	9482.52
25	199304	1993	4	5847.89	4324.81	3709.51	6091.7	6838.96
26	199401	1994	1	5469.62	5847.89	4324.81	3709.51	6091.7
27	199402	1994	2	7429.01	5469.62	4324.81	3709.51	6091.7
28	199403	1994	3	7618.1	7429.01	5469.62	4324.81	6091.7
29	199404	1994	4	7035.58	7618.1	7429.01	5469.62	4324.81
30	199501	1995	1	6594.66	7035.58	7618.1	7429.01	5469.62
31	199502	1995	2	7055.08	6594.66	7035.58	7618.1	7429.01
32	199503	1995	3	6362.52	7055.08	6594.66	7035.58	7618.1

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>	<u>RESHSL5</u>	<u>RESHSL6</u>
33	199504	1995	4	7649.49	6362.52	7055.08	6594.66	7035.58
34	199601	1996	1	6579.53	7649.49	6362.52	7055.08	6594.66
35	199602	1996	2	6283.44	6579.53	7649.49	6362.52	7055.08
36	199603	1996	3	6895.39	6283.44	6579.53	7649.49	6362.52
37	199604	1996	4	7147.7	6895.39	6283.44	6579.53	7649.49
38	199701	1997	1	7019.27	7147.7	6895.39	6283.44	6579.53
39	199702	1997	2	7093.49	7019.27	7147.7	6895.39	6283.44
40	199703	1997	3	8864.77	7093.49	7019.27	7147.7	6895.39
41	199704	1997	4	9738.32	8864.77	7093.49	7019.27	7147.7
42	199801	1998	1	10362.3	9738.32	8864.77	7093.49	7019.27
43	199802	1998	2	14851.14	10362.3	9738.32	8864.77	7093.49
44	199803	1998	3	11400.45	14851.14	10362.3	9738.32	8864.77
45	199804	1998	4	12278.94	11400.45	14851.14	10362.3	9738.32
46	199901	1999	1	13471.11	12278.94	11400.45	14851.14	10362.3
47	199902	1999	2	10586.2	13471.11	12278.94	11400.45	14851.14
48	199903	1999	3	15328.4	10586.2	13471.11	12278.94	11400.45
49	199904	1999	4	15826.24	15328.4	10586.2	13471.11	12278.94
50	200001	2000	1	15920.16	15826.24	15328.4	10586.2	13471.11
51	200002	2000	2	13922.31	15920.16	15826.24	15328.4	10586.2
52	200003	2000	3	13964.28	13922.31	15920.16	15826.24	15328.4
53	200004	2000	4	15624.62	13964.28	13922.31	15920.16	15826.24
54	200101	2001	1	13632.97	15624.62	13964.28	13922.31	15920.16
55	200102	2001	2	13154.02	13632.97	15624.62	13964.28	13922.31
56	200103	2001	3	15922.03	13154.02	13632.97	15624.62	13964.28
57	200104	2001	4	15338.07	15922.03	13154.02	13632.97	15624.62
58	200201	2002	1	13836.75	15338.07	15922.03	13154.02	13632.97
59	200202	2002	2	13198.11	13836.75	15338.07	15922.03	13154.02
60	200203	2002	3	15279.26	13198.11	13836.75	15338.07	15922.03
61	200204	2002	4	12979.17	15279.26	13198.11	13836.75	15338.07
62	200301	2003	1	11440.8	12979.17	15279.26	13198.11	13836.75
63	200302	2003	2	12876.66	11440.8	12979.17	15279.26	13198.11
64	200303	2003	3	17410.39	12876.66	11440.8	12979.17	15279.26
65	200304	2003	4	16593.78	17410.39	12876.66	11440.8	12979.17
66	200401	2004	1	14739.38	16593.78	17410.39	12876.66	11440.8
67	200402	2004	2	15747.2	14739.38	16593.78	17410.39	12876.66
68	200403	2004	3	15599.75	15747.2	14739.38	16593.78	17410.39

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69	200404	2004	4	15260.73	15599.75	15747.2	14739.38	16593.78
70	200501	2005	1	14879.57	15260.73	15599.75	15747.2	14739.38
71	200502	2005	2	11680.69	14879.57	15260.73	15599.75	15747.2
72	200503	2005	3	16912.5	11680.69	14879.57	15260.73	15599.75
73	200504	2005	4	14366.19	16912.5	11680.69	14879.57	15260.73
74	200601	2006	1	12492.38	14366.19	16912.5	11680.69	14879.57
75	200602	2006	2	7922.12	12492.38	14366.19	16912.5	11680.69
76	200603	2006	3	10111.97	7922.12	12492.38	14366.19	16912.5
77	200604	2006	4	9225.06	10111.97	7922.12	12492.38	14366.19
78	200701	2007	1	7315.48	9225.06	10111.97	7922.12	12492.38
79	200702	2007	2	7530.56	7315.48	9225.06	10111.97	7922.12
80	200703	2007	3	6999.5	7530.56	7315.48	9225.06	10111.97
81	200704	2007	4	7636.97	6999.5	7530.56	7315.48	9225.06
82	200801	2008	1	6018.91	7636.97	6999.5	7530.56	7315.48
83	200802	2008	2	4494.93	6018.91	7636.97	6999.5	7530.56
84	200803	2008	3	5204.78	4494.93	6018.91	7636.97	6999.5
85	200804	2008	4	7020.61	5204.78	4494.93	6018.91	7636.97
86	200901	2009	1	4729.32	7020.61	5204.78	4494.93	6018.91
87	200902	2009	2	3266.22	4729.32	7020.61	5204.78	4494.93
88	200903	2009	3	1860.31	3266.22	4729.32	7020.61	5204.78
89	200904	2009	4	4582.95	1860.31	3266.22	4729.32	7020.61
90	201001	2010	1	2027.56	4582.95	1860.31	3266.22	4729.32
91	201002	2010	2	2288.67	2027.56	4582.95	1860.31	3266.22
92	201003	2010	3	4156.88	2288.67	2027.56	4582.95	1860.31
93	201004	2010	4	3277.76	4156.88	2288.67	2027.56	4582.95
94	201101	2011	1	3341.8	3277.76	4156.88	2288.67	2027.56
95	201102	2011	2	2591.13	3341.8	3277.76	4156.88	2288.67
96	201103	2011	3	4001.05	2591.13	3341.8	3277.76	4156.88
97	201104	2011	4	6465.1	4001.05	2591.13	3341.8	3277.76
98	201201	2012	1	5217.05	6465.1	4001.05	2591.13	3341.8
99	201202	2012	2	5452.87	5217.05	6465.1	4001.05	2591.13
100	201203	2012	3	3675.35	5452.87	5217.05	6465.1	4001.05
101	201204	2012	4	6247.54	3675.35	5452.87	5217.05	6465.1
102	201301	2013	1	6528.29	6247.54	3675.35	5452.87	5217.05
103	201302	2013	2	4275.08	6528.29	6247.54	3675.35	5452.87
104	201303	2013	3	6208.31	4275.08	6528.29	6247.54	3675.35

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105	201304	2013	4	8300.84	6208.31	4275.08	6528.29	6247.54
106	201401	2014	1	6156.92	8300.84	6208.31	4275.08	6528.29
107	201402	2014	2	10018.67	6156.92	8300.84	6208.31	4275.08
108	201403	2014	3	9799.64	10018.67	6156.92	8300.84	6208.31
109	201404	2014	4	10751.46	9799.64	10018.67	6156.92	8300.84
110	201501	2015	1	11200.12	10751.46	9799.64	10018.67	6156.92
111	201502	2015	2	12316.19	11200.12	10751.46	9799.64	10018.67
112	201503	2015	3	13078.81	12316.19	11200.12	10751.46	9799.64
113	201504	2015	4	13925.74	13078.81	12316.19	11200.12	10751.46
114	201601	2016	1	14710.65	13925.74	13078.81	12316.19	11200.12
115	201602	2016	2	15321.54	14710.65	13925.74	13078.81	12316.19
116	201603	2016	3	15399.78	15321.54	14710.65	13925.74	13078.81
117	201604	2016	4	15351.96	15399.78	15321.54	14710.65	13925.74
118	201701	2017	1	15351.88	15351.96	15399.78	15321.54	14710.65
119	201702	2017	2	15344.4	15351.88	15351.96	15399.78	15321.54
120	201703	2017	3	15469.29	15344.4	15351.88	15351.96	15399.78
121	201704	2017	4	15368.8	15469.29	15344.4	15351.88	15351.96
122	201801	2018	1	15238.97	15368.8	15469.29	15344.4	15351.88
123	201802	2018	2	15257.18	15238.97	15368.8	15469.29	15344.4
124	201803	2018	3	15315.48	15257.18	15238.97	15368.8	15469.29
125	201804	2018	4	15260.1	15315.48	15257.18	15238.97	15368.8
126	201901	2019	1	15364.19	15260.1	15315.48	15257.18	15238.97
127	201902	2019	2	15670.02	15364.19	15260.1	15315.48	15257.18
128	201903	2019	3	15698.9	15670.02	15364.19	15260.1	15315.48
129	201904	2019	4	15645.24	15698.9	15670.02	15364.19	15260.1
130	202001	2020	1	15669.63	15645.24	15698.9	15670.02	15364.19
131	202002	2020	2	15644.87	15669.63	15645.24	15698.9	15670.02
132	202003	2020	3	15435.88	15644.87	15669.63	15645.24	15698.9
133	202004	2020	4	15330.47	15435.88	15644.87	15669.63	15645.24
134	202101	2021	1	15225.2	15330.47	15435.88	15644.87	15669.63
135	202102	2021	2	15111.62	15225.2	15330.47	15435.88	15644.87
136	202103	2021	3	14826.48	15111.62	15225.2	15330.47	15435.88
137	202104	2021	4	14751.06	14826.48	15111.62	15225.2	15330.47
138	202201	2022	1	14687.87	14751.06	14826.48	15111.62	15225.2
139	202202	2022	2	14583.94	14687.87	14751.06	14826.48	15111.62
140	202203	2022	3	14417.03	14583.94	14687.87	14751.06	14826.48

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141	202204	2022	4	14392.32	14417.03	14583.94	14687.87	14751.06
142	202301	2023	1	14387.22	14392.32	14417.03	14583.94	14687.87
143	202302	2023	2	14358.35	14387.22	14392.32	14417.03	14583.94
144	202303	2023	3	14367.65	14358.35	14387.22	14392.32	14417.03
145	202304	2023	4	14351.25	14367.65	14358.35	14387.22	14392.32
146	202401	2024	1	14317.13	14351.25	14367.65	14358.35	14387.22
147	202402	2024	2	14319.57	14317.13	14351.25	14367.65	14358.35
148	202403	2024	3	14400.57	14319.57	14317.13	14351.25	14367.65
149	202404	2024	4	14608.68	14400.57	14319.57	14317.13	14351.25
150	202501	2025	1	14747.86	14608.68	14400.57	14319.57	14317.13
151	202502	2025	2	14906.17	14747.86	14608.68	14400.57	14319.57
152	202503	2025	3	15030.72	14906.17	14747.86	14608.68	14400.57
153	202504	2025	4	15155.31	15030.72	14906.17	14747.86	14608.68
154	202601	2026	1	15254.05	15155.31	15030.72	14906.17	14747.86
155	202602	2026	2	15423.92	15254.05	15155.31	15030.72	14906.17
156	202603	2026	3	15498.49	15423.92	15254.05	15155.31	15030.72
157	202604	2026	4	15584	15498.49	15423.92	15254.05	15155.31
158	202701	2027	1	15606.21	15584	15498.49	15423.92	15254.05
159	202702	2027	2	15589.95	15606.21	15584	15498.49	15423.92
160	202703	2027	3	15646.01	15589.95	15606.21	15584	15498.49
161	202704	2027	4	15597.06	15646.01	15589.95	15606.21	15584
162	202801	2028	1	15527.41	15597.06	15646.01	15589.95	15606.21
163	202802	2028	2	15440.37	15527.41	15597.06	15646.01	15589.95
164	202803	2028	3	15535.61	15440.37	15527.41	15597.06	15646.01
165	202804	2028	4	15612.23	15535.61	15440.37	15527.41	15597.06
166	202901	2029	1	15604.21	15612.23	15535.61	15440.37	15527.41
167	202902	2029	2	15559.64	15604.21	15612.23	15535.61	15440.37
168	202903	2029	3	15696.14	15559.64	15604.21	15612.23	15535.61
169	202904	2029	4	15778.34	15696.14	15559.64	15604.21	15612.23
170	203001	2030	1	15802.42	15778.34	15696.14	15559.64	15604.21
171	203002	2030	2	15820.06	15802.42	15778.34	15696.14	15559.64
172	203003	2030	3	16006.43	15820.06	15802.42	15778.34	15696.14
173	203004	2030	4	16171.67	16006.43	15820.06	15802.42	15778.34
174	203101	2031	1	16166.12	16171.67	16006.43	15820.06	15802.42
175	203102	2031	2	16246.72	16166.12	16171.67	16006.43	15820.06
176	203103	2031	3	16331.85	16246.72	16166.12	16171.67	16006.43

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177	203104	2031	4	16235.12	16331.85	16246.72	16166.12	16171.67
178	203201	2032	1	16141.94	16235.12	16331.85	16246.72	16166.12
179	203202	2032	2	16179.71	16141.94	16235.12	16331.85	16246.72
180	203203	2032	3	16329	16179.71	16141.94	16235.12	16331.85
181	203204	2032	4	16296.71	16329	16179.71	16141.94	16235.12
182	203301	2033	1	16246.42	16296.71	16329	16179.71	16141.94
183	203302	2033	2	16327.21	16246.42	16296.71	16329	16179.71
184	203303	2033	3	16534.77	16327.21	16246.42	16296.71	16329
185	203304	2033	4	16592.73	16534.77	16327.21	16246.42	16296.71
186	203401	2034	1	16598.92	16592.73	16534.77	16327.21	16246.42
187	203402	2034	2	16679.69	16598.92	16592.73	16534.77	16327.21
188	203403	2034	3	16871.59	16679.69	16598.92	16592.73	16534.77
189	203404	2034	4	16822.45	16871.59	16679.69	16598.92	16592.73
190	203501	2035	1	16981.1	16822.45	16871.59	16679.69	16598.92
191	203502	2035	2	17059.4	16981.1	16822.45	16871.59	16679.69
192	203503	2035	3	17295.63	17059.4	16981.1	16822.45	16871.59
193	203504	2035	4	17165.86	17295.63	17059.4	16981.1	16822.45
194	203601	2036	1	17253.9	17165.86	17295.63	17059.4	16981.1
195	203602	2036	2	17286.19	17253.9	17165.86	17295.63	17059.4
196	203603	2036	3	17408.97	17286.19	17253.9	17165.86	17295.63
197	203604	2036	4	17261.15	17408.97	17286.19	17253.9	17165.86
198	203701	2037	1	17338.57	17261.15	17408.97	17286.19	17253.9
199	203702	2037	2	17373.3	17338.57	17261.15	17408.97	17286.19
200	203703	2037	3	17447.18	17373.3	17338.57	17261.15	17408.97
201	203704	2037	4	17468.56	17447.18	17373.3	17338.57	17261.15
202	203801	2038	1	17565.87	17468.56	17447.18	17373.3	17338.57
203	203802	2038	2	17590.55	17565.87	17468.56	17447.18	17373.3
204	203803	2038	3	17583.81	17590.55	17565.87	17468.56	17447.18
205	203804	2038	4	17622.79	17583.81	17590.55	17565.87	17468.56
206	203901	2039	1	17654.74	17622.79	17583.81	17590.55	17565.87
207	203902	2039	2	17656.63	17654.74	17622.79	17583.81	17590.55
208	203903	2039	3	17588.02	17656.63	17654.74	17622.79	17583.81
209	203904	2039	4	17633.23	17588.02	17656.63	17654.74	17622.79
210	204001	2040	1	17667.41	17633.23	17588.02	17656.63	17654.74
211	204002	2040	2	17671.27	17667.41	17633.23	17588.02	17656.63
212	204003	2040	3	17646.1	17671.27	17667.41	17633.23	17588.02

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>	<u>RESHSL5</u>	<u>RESHSL6</u>
213	204004	2040	4	17809.27	17646.1	17671.27	17667.41	17633.23
214	204101	2041	1	17671.5	17809.27	17646.1	17671.27	17667.41
215	204102	2041	2	18026.06	17671.5	17809.27	17646.1	17671.27
216	204103	2041	3	17908.65	18026.06	17671.5	17809.27	17646.1
217	204104	2041	4	18119.03	17908.65	18026.06	17671.5	17809.27

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3
1	198704	1987	4				0	0
2	198801	1988	1				1	0
3	198802	1988	2				0	1
4	198803	1988	3				0	0
5	198804	1988	4				0	0
6	198901	1989	1				1	0
7	198902	1989	2				0	1
8	198903	1989	3	23580.64			0	0
9	198904	1989	4	20466.17	23580.64		0	0
10	199001	1990	1	24022.11	20466.17		1	0
11	199002	1990	2	27274.14	24022.11		0	1
12	199003	1990	3	39050.86	27274.14		0	0
13	199004	1990	4	21818.91	39050.86		0	0
14	199101	1991	1	17585.85	21818.91		1	0
15	199102	1991	2	16869.71	17585.85		0	1
16	199103	1991	3	18167.44	16869.71		0	0
17	199104	1991	4	27752.59	18167.44		0	0
18	199201	1992	1	15542.76	27752.59		1	0
19	199202	1992	2	11901.18	15542.76		0	1
20	199203	1992	3	9905.55	11901.18		0	0
21	199204	1992	4	12171.47	9905.55		0	0
22	199301	1993	1	10179.76	12171.47		1	0
23	199302	1993	2	6155.59	10179.76		0	1
24	199303	1993	3	5666.41	6155.59		0	0
25	199304	1993	4	9482.52	5666.41		0	0
26	199401	1994	1	6838.96	9482.52		1	0
27	199402	1994	2	6091.7	6838.96		0	1
28	199403	1994	3	3709.51	6091.7		0	0

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3
29	199404	1994	4	4324.81	3709.51	0	0	0
30	199501	1995	1	5847.89	4324.81	1	0	0
31	199502	1995	2	5469.62	5847.89	0	1	0
32	199503	1995	3	7429.01	5469.62	0	0	1
33	199504	1995	4	7618.1	7429.01	0	0	0
34	199601	1996	1	7035.58	7618.1	1	0	0
35	199602	1996	2	6594.66	7035.58	0	1	0
36	199603	1996	3	7055.08	6594.66	0	0	1
37	199604	1996	4	6362.52	7055.08	0	0	0
38	199701	1997	1	7649.49	6362.52	1	0	0
39	199702	1997	2	6579.53	7649.49	0	1	0
40	199703	1997	3	6283.44	6579.53	0	0	1
41	199704	1997	4	6895.39	6283.44	0	0	0
42	199801	1998	1	7147.7	6895.39	1	0	0
43	199802	1998	2	7019.27	7147.7	0	1	0
44	199803	1998	3	7093.49	7019.27	0	0	1
45	199804	1998	4	8864.77	7093.49	0	0	0
46	199901	1999	1	9738.32	8864.77	1	0	0
47	199902	1999	2	10362.3	9738.32	0	1	0
48	199903	1999	3	14851.14	10362.3	0	0	1
49	199904	1999	4	11400.45	14851.14	0	0	0
50	200001	2000	1	12278.94	11400.45	1	0	0
51	200002	2000	2	13471.11	12278.94	0	1	0
52	200003	2000	3	10586.2	13471.11	0	0	1
53	200004	2000	4	15328.4	10586.2	0	0	0
54	200101	2001	1	15826.24	15328.4	1	0	0
55	200102	2001	2	15920.16	15826.24	0	1	0
56	200103	2001	3	13922.31	15920.16	0	0	1
57	200104	2001	4	13964.28	13922.31	0	0	0
58	200201	2002	1	15624.62	13964.28	1	0	0
59	200202	2002	2	13632.97	15624.62	0	1	0
60	200203	2002	3	13154.02	13632.97	0	0	1
61	200204	2002	4	15922.03	13154.02	0	0	0
62	200301	2003	1	15338.07	15922.03	1	0	0
63	200302	2003	2	13836.75	15338.07	0	1	0
64	200303	2003	3	13198.11	13836.75	0	0	1

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3
65	200304	2003	4	15279.26	13198.11	0	0	0
66	200401	2004	1	12979.17	15279.26	1	0	0
67	200402	2004	2	11440.8	12979.17	0	1	0
68	200403	2004	3	12876.66	11440.8	0	0	1
69	200404	2004	4	17410.39	12876.66	0	0	0
70	200501	2005	1	16593.78	17410.39	1	0	0
71	200502	2005	2	14739.38	16593.78	0	1	0
72	200503	2005	3	15747.2	14739.38	0	0	1
73	200504	2005	4	15599.75	15747.2	0	0	0
74	200601	2006	1	15260.73	15599.75	1	0	0
75	200602	2006	2	14879.57	15260.73	0	1	0
76	200603	2006	3	11680.69	14879.57	0	0	1
77	200604	2006	4	16912.5	11680.69	0	0	0
78	200701	2007	1	14366.19	16912.5	1	0	0
79	200702	2007	2	12492.38	14366.19	0	1	0
80	200703	2007	3	7922.12	12492.38	0	0	1
81	200704	2007	4	10111.97	7922.12	0	0	0
82	200801	2008	1	9225.06	10111.97	1	0	0
83	200802	2008	2	7315.48	9225.06	0	1	0
84	200803	2008	3	7530.56	7315.48	0	0	1
85	200804	2008	4	6999.5	7530.56	0	0	0
86	200901	2009	1	7636.97	6999.5	1	0	0
87	200902	2009	2	6018.91	7636.97	0	1	0
88	200903	2009	3	4494.93	6018.91	0	0	1
89	200904	2009	4	5204.78	4494.93	0	0	0
90	201001	2010	1	7020.61	5204.78	1	0	0
91	201002	2010	2	4729.32	7020.61	0	1	0
92	201003	2010	3	3266.22	4729.32	0	0	1
93	201004	2010	4	1860.31	3266.22	0	0	0
94	201101	2011	1	4582.95	1860.31	1	0	0
95	201102	2011	2	2027.56	4582.95	0	1	0
96	201103	2011	3	2288.67	2027.56	0	0	1
97	201104	2011	4	4156.88	2288.67	0	0	0
98	201201	2012	1	3277.76	4156.88	1	0	0
99	201202	2012	2	3341.8	3277.76	0	1	0
100	201203	2012	3	2591.13	3341.8	0	0	1

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3
101	201204	2012	4	4001.05	2591.13	0	0	0
102	201301	2013	1	6465.1	4001.05	1	0	0
103	201302	2013	2	5217.05	6465.1	0	1	0
104	201303	2013	3	5452.87	5217.05	0	0	1
105	201304	2013	4	3675.35	5452.87	0	0	0
106	201401	2014	1	6247.54	3675.35	1	0	0
107	201402	2014	2	6528.29	6247.54	0	1	0
108	201403	2014	3	4275.08	6528.29	0	0	1
109	201404	2014	4	6208.31	4275.08	0	0	0
110	201501	2015	1	8300.84	6208.31	1	0	0
111	201502	2015	2	6156.92	8300.84	0	1	0
112	201503	2015	3	10018.67	6156.92	0	0	1
113	201504	2015	4	9799.64	10018.67	0	0	0
114	201601	2016	1	10751.46	9799.64	1	0	0
115	201602	2016	2	11200.12	10751.46	0	1	0
116	201603	2016	3	12316.19	11200.12	0	0	1
117	201604	2016	4	13078.81	12316.19	0	0	0
118	201701	2017	1	13925.74	13078.81	1	0	0
119	201702	2017	2	14710.65	13925.74	0	1	0
120	201703	2017	3	15321.54	14710.65	0	0	1
121	201704	2017	4	15399.78	15321.54	0	0	0
122	201801	2018	1	15351.96	15399.78	1	0	0
123	201802	2018	2	15351.88	15351.96	0	1	0
124	201803	2018	3	15344.4	15351.88	0	0	1
125	201804	2018	4	15469.29	15344.4	0	0	0
126	201901	2019	1	15368.8	15469.29	1	0	0
127	201902	2019	2	15238.97	15368.8	0	1	0
128	201903	2019	3	15257.18	15238.97	0	0	1
129	201904	2019	4	15315.48	15257.18	0	0	0
130	202001	2020	1	15260.1	15315.48	1	0	0
131	202002	2020	2	15364.19	15260.1	0	1	0
132	202003	2020	3	15670.02	15364.19	0	0	1
133	202004	2020	4	15698.9	15670.02	0	0	0
134	202101	2021	1	15645.24	15698.9	1	0	0
135	202102	2021	2	15669.63	15645.24	0	1	0
136	202103	2021	3	15644.87	15669.63	0	0	1

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3
137	202104	2021	4	15435.88	15644.87	0	0	0
138	202201	2022	1	15330.47	15435.88	1	0	0
139	202202	2022	2	15225.2	15330.47	0	1	0
140	202203	2022	3	15111.62	15225.2	0	0	1
141	202204	2022	4	14826.48	15111.62	0	0	0
142	202301	2023	1	14751.06	14826.48	1	0	0
143	202302	2023	2	14687.87	14751.06	0	1	0
144	202303	2023	3	14583.94	14687.87	0	0	1
145	202304	2023	4	14417.03	14583.94	0	0	0
146	202401	2024	1	14392.32	14417.03	1	0	0
147	202402	2024	2	14387.22	14392.32	0	1	0
148	202403	2024	3	14358.35	14387.22	0	0	1
149	202404	2024	4	14367.65	14358.35	0	0	0
150	202501	2025	1	14351.25	14367.65	1	0	0
151	202502	2025	2	14317.13	14351.25	0	1	0
152	202503	2025	3	14319.57	14317.13	0	0	1
153	202504	2025	4	14400.57	14319.57	0	0	0
154	202601	2026	1	14608.68	14400.57	1	0	0
155	202602	2026	2	14747.86	14608.68	0	1	0
156	202603	2026	3	14906.17	14747.86	0	0	1
157	202604	2026	4	15030.72	14906.17	0	0	0
158	202701	2027	1	15155.31	15030.72	1	0	0
159	202702	2027	2	15254.05	15155.31	0	1	0
160	202703	2027	3	15423.92	15254.05	0	0	1
161	202704	2027	4	15498.49	15423.92	0	0	0
162	202801	2028	1	15584	15498.49	1	0	0
163	202802	2028	2	15606.21	15584	0	1	0
164	202803	2028	3	15589.95	15606.21	0	0	1
165	202804	2028	4	15646.01	15589.95	0	0	0
166	202901	2029	1	15597.06	15646.01	1	0	0
167	202902	2029	2	15527.41	15597.06	0	1	0
168	202903	2029	3	15440.37	15527.41	0	0	1
169	202904	2029	4	15535.61	15440.37	0	0	0
170	203001	2030	1	15612.23	15535.61	1	0	0
171	203002	2030	2	15604.21	15612.23	0	1	0
172	203003	2030	3	15559.64	15604.21	0	0	1

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3
173	203004	2030	4	15696.14	15559.64	0	0	0
174	203101	2031	1	15778.34	15696.14	1	0	0
175	203102	2031	2	15802.42	15778.34	0	1	0
176	203103	2031	3	15820.06	15802.42	0	0	1
177	203104	2031	4	16006.43	15820.06	0	0	0
178	203201	2032	1	16171.67	16006.43	1	0	0
179	203202	2032	2	16166.12	16171.67	0	1	0
180	203203	2032	3	16246.72	16166.12	0	0	1
181	203204	2032	4	16331.85	16246.72	0	0	0
182	203301	2033	1	16235.12	16331.85	1	0	0
183	203302	2033	2	16141.94	16235.12	0	1	0
184	203303	2033	3	16179.71	16141.94	0	0	1
185	203304	2033	4	16329	16179.71	0	0	0
186	203401	2034	1	16296.71	16329	1	0	0
187	203402	2034	2	16246.42	16296.71	0	1	0
188	203403	2034	3	16327.21	16246.42	0	0	1
189	203404	2034	4	16534.77	16327.21	0	0	0
190	203501	2035	1	16592.73	16534.77	1	0	0
191	203502	2035	2	16598.92	16592.73	0	1	0
192	203503	2035	3	16679.69	16598.92	0	0	1
193	203504	2035	4	16871.59	16679.69	0	0	0
194	203601	2036	1	16822.45	16871.59	1	0	0
195	203602	2036	2	16981.1	16822.45	0	1	0
196	203603	2036	3	17059.4	16981.1	0	0	1
197	203604	2036	4	17295.63	17059.4	0	0	0
198	203701	2037	1	17165.86	17295.63	1	0	0
199	203702	2037	2	17253.9	17165.86	0	1	0
200	203703	2037	3	17286.19	17253.9	0	0	1
201	203704	2037	4	17408.97	17286.19	0	0	0
202	203801	2038	1	17261.15	17408.97	1	0	0
203	203802	2038	2	17338.57	17261.15	0	1	0
204	203803	2038	3	17373.3	17338.57	0	0	1
205	203804	2038	4	17447.18	17373.3	0	0	0
206	203901	2039	1	17468.56	17447.18	1	0	0
207	203902	2039	2	17565.87	17468.56	0	1	0
208	203903	2039	3	17590.55	17565.87	0	0	1

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3
209	203904	2039	4	17583.81	17590.55	0	0	0
210	204001	2040	1	17622.79	17583.81	1	0	0
211	204002	2040	2	17654.74	17622.79	0	1	0
212	204003	2040	3	17656.63	17654.74	0	0	1
213	204004	2040	4	17588.02	17656.63	0	0	0
214	204101	2041	1	17633.23	17588.02	1	0	0
215	204102	2041	2	17667.41	17633.23	0	1	0
216	204103	2041	3	17671.27	17667.41	0	0	1
217	204104	2041	4	17646.1	17671.27	0	0	0

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	SEA4	<u>ResHP</u>	<u>ResHPL1</u>	<u>ResHPL2</u>	<u>ResHPL3</u>
1	198704	1987	4	1	.	.	.	.
2	198801	1988	1	0	4908	.	.	.
3	198802	1988	2	0	7238	4908	.	.
4	198803	1988	3	0	7708	7238	4908	.
5	198804	1988	4	1	8698	7708	7238	4908
6	198901	1989	1	0	4617	8698	7708	7238
7	198902	1989	2	0	4608	4617	8698	7708
8	198903	1989	3	0	3962	4608	4617	8698
9	198904	1989	4	1	5523	3962	4608	4617
10	199001	1990	1	0	6373	5523	3962	4608
11	199002	1990	2	0	3910	6373	5523	3962
12	199003	1990	3	0	2957	3910	6373	5523
13	199004	1990	4	1	2556	2957	3910	6373
14	199101	1991	1	0	3857	2556	2957	3910
15	199102	1991	2	0	1694	3857	2556	2957
16	199103	1991	3	0	1315	1694	3857	2556
17	199104	1991	4	1	1042	1315	1694	3857
18	199201	1992	1	0	2330	1042	1315	1694
19	199202	1992	2	0	1802	2330	1042	1315
20	199203	1992	3	0	1218	1802	2330	1042
21	199204	1992	4	1	709	1218	1802	2330
22	199301	1993	1	0	1180	709	1218	1802

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	SEA4		<u>ResHP</u>	<u>ResHPL1</u>	<u>ResHPL2</u>	<u>ResHPL3</u>
23	199302	1993	2	0	0	1556	1180	709	1218
24	199303	1993	3	0	0	1411	1556	1180	709
25	199304	1993	4	1	1	1455	1411	1556	1180
26	199401	1994	1	0	0	1547	1455	1411	1556
27	199402	1994	2	0	0	2169	1547	1455	1411
28	199403	1994	3	0	0	1578	2169	1547	1455
29	199404	1994	4	1	1	1641	1578	2169	1547
30	199501	1995	1	0	0	1157	1641	1578	2169
31	199502	1995	2	0	0	2321	1157	1641	1578
32	199503	1995	3	0	0	1757	2321	1157	1641
33	199504	1995	4	1	1	1373	1757	2321	1157
34	199601	1996	1	0	0	1520	1373	1757	2321
35	199602	1996	2	0	0	1795	1520	1373	1757
36	199603	1996	3	0	0	1826	1795	1520	1373
37	199604	1996	4	1	1	1727	1826	1795	1520
38	199701	1997	1	0	0	1856	1727	1826	1795
39	199702	1997	2	0	0	2814	1856	1727	1826
40	199703	1997	3	0	0	3153	2814	1856	1727
41	199704	1997	4	1	1	3579	3153	2814	1856
42	199801	1998	1	0	0	2594	3579	3153	2814
43	199802	1998	2	0	0	3463	2594	3579	3153
44	199803	1998	3	0	0	3671	3463	2594	3579
45	199804	1998	4	1	1	2445	3671	3463	2594
46	199901	1999	1	0	0	4378	2445	3671	3463
47	199902	1999	2	0	0	4951	4378	2445	3671
48	199903	1999	3	0	0	4341	4951	4378	2445
49	199904	1999	4	1	1	2757	4341	4951	4378
50	200001	2000	1	0	0	4115	2757	4341	4951
51	200002	2000	2	0	0	5124	4115	2757	4341
52	200003	2000	3	0	0	3108	5124	4115	2757
53	200004	2000	4	1	1	3580	3108	5124	4115
54	200101	2001	1	0	0	4004	3580	3108	5124
55	200102	2001	2	0	0	4675	4004	3580	3108
56	200103	2001	3	0	0	3462	4675	4004	3580
57	200104	2001	4	1	1	3497	3462	4675	4004
58	200201	2002	1	0	0	4245	3497	3462	4675

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59	200202	2002	2		0	3961	4245	3497	3462
60	200203	2002	3		0	3956	3961	4245	3497
61	200204	2002	4		1	3576	3956	3961	4245
62	200301	2003	1		0	5808	3576	3956	3961
63	200302	2003	2		0	3903	5808	3576	3956
64	200303	2003	3		0	4340	3903	5808	3576
65	200304	2003	4		1	4263	4340	3903	5808
66	200401	2004	1		0	4431	4263	4340	3903
67	200402	2004	2		0	4867	4431	4263	4340
68	200403	2004	3		0	4096	4867	4431	4263
69	200404	2004	4		1	3912	4096	4867	4431
70	200501	2005	1		0	4818	3912	4096	4867
71	200502	2005	2		0	4290	4818	3912	4096
72	200503	2005	3		0	4041	4290	4818	3912
73	200504	2005	4		1	2109	4041	4290	4818
74	200601	2006	1		0	2929	2109	4041	4290
75	200602	2006	2		0	3623	2929	2109	4041
76	200603	2006	3		0	2400	3623	2929	2109
77	200604	2006	4		1	1825	2400	3623	2929
78	200701	2007	1		0	2541	1825	2400	3623
79	200702	2007	2		0	1783	2541	1825	2400
80	200703	2007	3		0	1538	1783	2541	1825
81	200704	2007	4		1	1583	1538	1783	2541
82	200801	2008	1		0	925	1583	1538	1783
83	200802	2008	2		0	2226	925	1583	1538
84	200803	2008	3		0	1394	2226	925	1583
85	200804	2008	4		1	609	1394	2226	925
86	200901	2009	1		0	694	609	1394	2226
87	200902	2009	2		0	984	694	609	1394
88	200903	2009	3		0	693	984	694	609
89	200904	2009	4		1	619	693	984	694
90	201001	2010	1		0	831	619	693	984
91	201002	2010	2		0	1322	831	619	693
92	201003	2010	3		0	617	1322	831	619
93	201004	2010	4		1	580	617	1322	831
94	201101	2011	1		0	1427	580	617	1322

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95	201102	2011	2		0	1550	1427	580	617
96	201103	2011	3		0	1094	1550	1427	580
97	201104	2011	4		1	1149	1094	1550	1427
98	201201	2012	1		0	1830	1149	1094	1550
99	201202	2012	2		0	2152	1830	1149	1094
100	201203	2012	3		0	2532	2152	1830	1149
101	201204	2012	4		1	2591	2532	2152	1830
102	201301	2013	1		0	2670	2591	2532	2152
103	201302	2013	2		0	2798	2670	2591	2532
104	201303	2013	3		0	3048	2798	2670	2591
105	201304	2013	4		1	3178	3048	2798	2670
106	201401	2014	1		0	3366	3178	3048	2798
107	201402	2014	2		0	3553	3366	3178	3048
108	201403	2014	3		0	3774	3553	3366	3178
109	201404	2014	4		1	3947	3774	3553	3366
110	201501	2015	1		0	4068	3947	3774	3553
111	201502	2015	2		0	4168	4068	3947	3774
112	201503	2015	3		0	4263	4168	4068	3947
113	201504	2015	4		1	4247	4263	4168	4068
114	201601	2016	1		0	4182	4247	4263	4168
115	201602	2016	2		0	4127	4182	4247	4263
116	201603	2016	3		0	4095	4127	4182	4247
117	201604	2016	4		1	4102	4095	4127	4182
118	201701	2017	1		0	4076	4102	4095	4127
119	201702	2017	2		0	4061	4076	4102	4095
120	201703	2017	3		0	4060	4061	4076	4102
121	201704	2017	4		1	4049	4060	4061	4076
122	201801	2018	1		0	4030	4049	4060	4061
123	201802	2018	2		0	4024	4030	4049	4060
124	201803	2018	3		0	3985	4024	4030	4049
125	201804	2018	4		1	3975	3985	4024	4030
126	201901	2019	1		0	3952	3975	3985	4024
127	201902	2019	2		0	3941	3952	3975	3985
128	201903	2019	3		0	3920	3941	3952	3975
129	201904	2019	4		1	3905	3920	3941	3952
130	202001	2020	1		0	3882	3905	3920	3941

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131	202002	2020	2		0	3874	3882	3905	3920
132	202003	2020	3		0	3869	3874	3882	3905
133	202004	2020	4		1	3855	3869	3874	3882
134	202101	2021	1		0	3810	3855	3869	3874
135	202102	2021	2		0	3782	3810	3855	3869
136	202103	2021	3		0	3740	3782	3810	3855
137	202104	2021	4		1	3694	3740	3782	3810
138	202201	2022	1		0	3633	3694	3740	3782
139	202202	2022	2		0	3622	3633	3694	3740
140	202203	2022	3		0	3628	3622	3633	3694
141	202204	2022	4		1	3629	3628	3622	3633
142	202301	2023	1		0	3626	3629	3628	3622
143	202302	2023	2		0	3627	3626	3629	3628
144	202303	2023	3		0	3626	3627	3626	3629
145	202304	2023	4		1	3613	3626	3627	3626
146	202401	2024	1		0	3635	3613	3626	3627
147	202402	2024	2		0	3655	3635	3613	3626
148	202403	2024	3		0	3667	3655	3635	3613
149	202404	2024	4		1	3664	3667	3655	3635
150	202501	2025	1		0	3693	3664	3667	3655
151	202502	2025	2		0	3719	3693	3664	3667
152	202503	2025	3		0	3739	3719	3693	3664
153	202504	2025	4		1	3776	3739	3719	3693
154	202601	2026	1		0	3789	3776	3739	3719
155	202602	2026	2		0	3812	3789	3776	3739
156	202603	2026	3		0	3822	3812	3789	3776
157	202604	2026	4		1	3815	3822	3812	3789
158	202701	2027	1		0	3834	3815	3822	3812
159	202702	2027	2		0	3829	3834	3815	3822
160	202703	2027	3		0	3830	3829	3834	3815
161	202704	2027	4		1	3823	3830	3829	3834
162	202801	2028	1		0	3827	3823	3830	3829
163	202802	2028	2		0	3829	3827	3823	3830
164	202803	2028	3		0	3823	3829	3827	3823
165	202804	2028	4		1	3807	3823	3829	3827
166	202901	2029	1		0	3826	3807	3823	3829

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167	202902	2029	2		0	3837	3826	3807	3823
168	202903	2029	3		0	3834	3837	3826	3807
169	202904	2029	4		1	3842	3834	3837	3826
170	203001	2030	1		0	3875	3842	3834	3837
171	203002	2030	2		0	3914	3875	3842	3834
172	203003	2030	3		0	3903	3914	3875	3842
173	203004	2030	4		1	3918	3903	3914	3875
174	203101	2031	1		0	3949	3918	3903	3914
175	203102	2031	2		0	3930	3949	3918	3903
176	203103	2031	3		0	3929	3930	3949	3918
177	203104	2031	4		1	3945	3929	3930	3949
178	203201	2032	1		0	3984	3945	3929	3930
179	203202	2032	2		0	3992	3984	3945	3929
180	203203	2032	3		0	4001	3992	3984	3945
181	203204	2032	4		1	4029	4001	3992	3984
182	203301	2033	1		0	4080	4029	4001	3992
183	203302	2033	2		0	4093	4080	4029	4001
184	203303	2033	3		0	4096	4093	4080	4029
185	203304	2033	4		1	4115	4096	4093	4080
186	203401	2034	1		0	4155	4115	4096	4093
187	203402	2034	2		0	4147	4155	4115	4096
188	203403	2034	3		0	4197	4147	4155	4115
189	203404	2034	4		1	4219	4197	4147	4155
190	203501	2035	1		0	4271	4219	4197	4147
191	203502	2035	2		0	4232	4271	4219	4197
192	203503	2035	3		0	4258	4232	4271	4219
193	203504	2035	4		1	4263	4258	4232	4271
194	203601	2036	1		0	4288	4263	4258	4232
195	203602	2036	2		0	4250	4288	4263	4258
196	203603	2036	3		0	4278	4250	4288	4263
197	203604	2036	4		1	4287	4278	4250	4288
198	203701	2037	1		0	4294	4287	4278	4250
199	203702	2037	2		0	4295	4294	4287	4278
200	203703	2037	3		0	4308	4295	4294	4287
201	203704	2037	4		1	4301	4308	4295	4294
202	203801	2038	1		0	4282	4301	4308	4295

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>SEA4</u>	<u>ResHP</u>	<u>ResHPL1</u>	<u>ResHPL2</u>	<u>ResHPL3</u>
203	203802	2038	2	0	4286	4282	4301	4308
204	203803	2038	3	0	4293	4286	4282	4301
205	203804	2038	4	1	4289	4293	4286	4282
206	203901	2039	1	0	4257	4289	4293	4286
207	203902	2039	2	0	4268	4257	4289	4293
208	203903	2039	3	0	4278	4268	4257	4289
209	203904	2039	4	1	4281	4278	4268	4257
210	204001	2040	1	0	4242	4281	4278	4268
211	204002	2040	2	0	4269	4242	4281	4278
212	204003	2040	3	0	4215	4269	4242	4281
213	204004	2040	4	1	4293	4215	4269	4242
214	204101	2041	1	0	4249	4293	4215	4269
215	204102	2041	2	0	4283	4249	4293	4215
216	204103	2041	3	0	4307	4283	4249	4293
217	204104	2041	4	1	4333	4307	4283	4249

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResHPL4</u>	<u>CICust</u>	<u>CICustL1</u>	<u>CICustL2</u>	<u>CICustL3</u>
1	198704	1987	4		26785			
2	198801	1988	1		27176	26785		
3	198802	1988	2		27140	27176	26785	
4	198803	1988	3		26939	27140	27176	26785
5	198804	1988	4		26923	26939	27140	27176
6	198901	1989	1	4908	27301	26923	26939	27140
7	198902	1989	2	7238	27269	27301	26923	26939
8	198903	1989	3	7708	27175	27269	27301	26923
9	198904	1989	4	8698	27203	27175	27269	27301
10	199001	1990	1	4617	27557	27203	27175	27269
11	199002	1990	2	4608	27570	27557	27203	27175
12	199003	1990	3	3962	27470	27570	27557	27203
13	199004	1990	4	5523	27518	27470	27570	27557
14	199101	1991	1	6373	27743	27518	27470	27570
15	199102	1991	2	3910	27694	27743	27518	27470
16	199103	1991	3	2957	27593	27694	27743	27518
17	199104	1991	4	2556	27557	27593	27694	27743

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResHPL4</u>	<u>CICust</u>	<u>CICustL1</u>	<u>CICustL2</u>	<u>CICustL3</u>
18	199201	1992	1	3857	27704	27557	27593	27694
19	199202	1992	2	1694	27618	27704	27557	27593
20	199203	1992	3	1315	27430	27618	27704	27557
21	199204	1992	4	1042	27403	27430	27618	27704
22	199301	1993	1	2330	27639	27403	27430	27618
23	199302	1993	2	1802	27519	27639	27403	27430
24	199303	1993	3	1218	27305	27519	27639	27403
25	199304	1993	4	709	27241	27305	27519	27639
26	199401	1994	1	1180	27457	27241	27305	27519
27	199402	1994	2	1556	27394	27457	27241	27305
28	199403	1994	3	1411	27196	27394	27457	27241
29	199404	1994	4	1455	27188	27196	27394	27457
30	199501	1995	1	1547	27313	27188	27196	27394
31	199502	1995	2	2169	27211	27313	27188	27196
32	199503	1995	3	1578	27087	27211	27313	27188
33	199504	1995	4	1641	26977	27087	27211	27313
34	199601	1996	1	1157	27189	26977	27087	27211
35	199602	1996	2	2321	27166	27189	26977	27087
36	199603	1996	3	1757	27061	27166	27189	26977
37	199604	1996	4	1373	27074	27061	27166	27189
38	199701	1997	1	1520	27315	27074	27061	27166
39	199702	1997	2	1795	27330	27315	27074	27061
40	199703	1997	3	1826	27271	27330	27315	27074
41	199704	1997	4	1727	27312	27271	27330	27315
42	199801	1998	1	1856	27549	27312	27271	27330
43	199802	1998	2	2814	27530	27549	27312	27271
44	199803	1998	3	3153	27470	27530	27549	27312
45	199804	1998	4	3579	27511	27470	27530	27549
46	199901	1999	1	2594	27762	27511	27470	27530
47	199902	1999	2	3463	27910	27762	27511	27470
48	199903	1999	3	3671	27943	27910	27762	27511
49	199904	1999	4	2445	28038	27943	27910	27762
50	200001	2000	1	4378	28312	28038	27943	27910
51	200002	2000	2	4951	28462	28312	28038	27943
52	200003	2000	3	4341	28452	28462	28312	28038
53	200004	2000	4	2757	28579	28452	28462	28312

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54	200101	2001	1	4115	28777	28579	28452	28462
55	200102	2001	2	5124	28754	28777	28579	28452
56	200103	2001	3	3108	28765	28754	28777	28579
57	200104	2001	4	3580	28855	28765	28754	28777
58	200201	2002	1	4004	29006	28855	28765	28754
59	200202	2002	2	4675	29054	29006	28855	28765
60	200203	2002	3	3462	29090	29054	29006	28855
61	200204	2002	4	3497	29196	29090	29054	29006
62	200301	2003	1	4245	29319	29196	29090	29054
63	200302	2003	2	3961	29319	29319	29196	29090
64	200303	2003	3	3956	29309	29319	29319	29196
65	200304	2003	4	3576	29381	29309	29319	29319
66	200401	2004	1	5808	29523	29381	29309	29319
67	200402	2004	2	3903	29569	29523	29381	29309
68	200403	2004	3	4340	29477	29569	29523	29381
69	200404	2004	4	4263	29471	29477	29569	29523
70	200501	2005	1	4431	29583	29471	29477	29569
71	200502	2005	2	4867	29573	29583	29471	29477
72	200503	2005	3	4096	29558	29573	29583	29471
73	200504	2005	4	3912	29563	29558	29573	29583
74	200601	2006	1	4818	29639	29563	29558	29573
75	200602	2006	2	4290	29684	29639	29563	29558
76	200603	2006	3	4041	29620	29684	29639	29563
77	200604	2006	4	2109	29636	29620	29684	29639
78	200701	2007	1	2929	29812	29636	29620	29684
79	200702	2007	2	3623	29905	29812	29636	29620
80	200703	2007	3	2400	29926	29905	29812	29636
81	200704	2007	4	1825	30023	29926	29905	29812
82	200801	2008	1	2541	30150	30023	29926	29905
83	200802	2008	2	1783	30243	30150	30023	29926
84	200803	2008	3	1538	30227	30243	30150	30023
85	200804	2008	4	1583	30222	30227	30243	30150
86	200901	2009	1	925	30248	30222	30227	30243
87	200902	2009	2	2226	30178	30248	30222	30227
88	200903	2009	3	1394	30145	30178	30248	30222
89	200904	2009	4	609	30139	30145	30178	30248

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90	201001	2010	1	694	30135	30139	30145	30178
91	201002	2010	2	984	30208	30135	30139	30145
92	201003	2010	3	693	30269	30208	30135	30139
93	201004	2010	4	619	30216	30269	30208	30135
94	201101	2011	1	831	30193	30216	30269	30208
95	201102	2011	2	1322	30189	30193	30216	30269
96	201103	2011	3	617	30170	30189	30193	30216
97	201104	2011	4	580	30133	30170	30189	30193
98	201201	2012	1	1427	30173	30133	30170	30189
99	201202	2012	2	1550	30192	30173	30133	30170
100	201203	2012	3	1094	30142	30192	30173	30133
101	201204	2012	4	1149	30086	30142	30192	30173
102	201301	2013	1	1830	30116	30086	30142	30192
103	201302	2013	2	2152	30095	30116	30086	30142
104	201303	2013	3	2532	30038	30095	30116	30086
105	201304	2013	4	2591	30058	30038	30095	30116
106	201401	2014	1	2670	.	30058	30038	30095
107	201402	2014	2	2798	.	.	30058	30038
108	201403	2014	3	3048	.	.	.	30058
109	201404	2014	4	3178	.	.	.	.
110	201501	2015	1	3366	.	.	.	.
111	201502	2015	2	3553	.	.	.	.
112	201503	2015	3	3774	.	.	.	.
113	201504	2015	4	3947	.	.	.	.
114	201601	2016	1	4068	.	.	.	.
115	201602	2016	2	4168	.	.	.	.
116	201603	2016	3	4263	.	.	.	.
117	201604	2016	4	4247	.	.	.	.
118	201701	2017	1	4182	.	.	.	.
119	201702	2017	2	4127	.	.	.	.
120	201703	2017	3	4095	.	.	.	.
121	201704	2017	4	4102	.	.	.	.
122	201801	2018	1	4076	.	.	.	.
123	201802	2018	2	4061	.	.	.	.
124	201803	2018	3	4060	.	.	.	.
125	201804	2018	4	4049	.	.	.	.

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResHPL4</u>	<u>CICust</u>	<u>CICustL1</u>	<u>CICustL2</u>	<u>CICustL3</u>
126	201901	2019	1	4030	.	.	.	.
127	201902	2019	2	4024	.	.	.	.
128	201903	2019	3	3985	.	.	.	.
129	201904	2019	4	3975	.	.	.	.
130	202001	2020	1	3952	.	.	.	.
131	202002	2020	2	3941	.	.	.	.
132	202003	2020	3	3920	.	.	.	.
133	202004	2020	4	3905	.	.	.	.
134	202101	2021	1	3882	.	.	.	.
135	202102	2021	2	3874	.	.	.	.
136	202103	2021	3	3869	.	.	.	.
137	202104	2021	4	3855	.	.	.	.
138	202201	2022	1	3810	.	.	.	.
139	202202	2022	2	3782	.	.	.	.
140	202203	2022	3	3740	.	.	.	.
141	202204	2022	4	3694	.	.	.	.
142	202301	2023	1	3633	.	.	.	.
143	202302	2023	2	3622	.	.	.	.
144	202303	2023	3	3628	.	.	.	.
145	202304	2023	4	3629	.	.	.	.
146	202401	2024	1	3626	.	.	.	.
147	202402	2024	2	3627	.	.	.	.
148	202403	2024	3	3626	.	.	.	.
149	202404	2024	4	3613	.	.	.	.
150	202501	2025	1	3635	.	.	.	.
151	202502	2025	2	3655	.	.	.	.
152	202503	2025	3	3667	.	.	.	.
153	202504	2025	4	3664	.	.	.	.
154	202601	2026	1	3693	.	.	.	.
155	202602	2026	2	3719	.	.	.	.
156	202603	2026	3	3739	.	.	.	.
157	202604	2026	4	3776	.	.	.	.
158	202701	2027	1	3789	.	.	.	.
159	202702	2027	2	3812	.	.	.	.
160	202703	2027	3	3822	.	.	.	.
161	202704	2027	4	3815	.	.	.	.

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResHPL4</u>	<u>CICust</u>	<u>CICustL1</u>	<u>CICustL2</u>	<u>CICustL3</u>
162	202801	2028	1	3834	.	.	.	.
163	202802	2028	2	3829	.	.	.	.
164	202803	2028	3	3830	.	.	.	.
165	202804	2028	4	3823	.	.	.	.
166	202901	2029	1	3827	.	.	.	.
167	202902	2029	2	3829	.	.	.	.
168	202903	2029	3	3823	.	.	.	.
169	202904	2029	4	3807	.	.	.	.
170	203001	2030	1	3826	.	.	.	.
171	203002	2030	2	3837	.	.	.	.
172	203003	2030	3	3834	.	.	.	.
173	203004	2030	4	3842	.	.	.	.
174	203101	2031	1	3875	.	.	.	.
175	203102	2031	2	3914	.	.	.	.
176	203103	2031	3	3903	.	.	.	.
177	203104	2031	4	3918	.	.	.	.
178	203201	2032	1	3949	.	.	.	.
179	203202	2032	2	3930	.	.	.	.
180	203203	2032	3	3929	.	.	.	.
181	203204	2032	4	3945	.	.	.	.
182	203301	2033	1	3984	.	.	.	.
183	203302	2033	2	3992	.	.	.	.
184	203303	2033	3	4001	.	.	.	.
185	203304	2033	4	4029	.	.	.	.
186	203401	2034	1	4080	.	.	.	.
187	203402	2034	2	4093	.	.	.	.
188	203403	2034	3	4096	.	.	.	.
189	203404	2034	4	4115	.	.	.	.
190	203501	2035	1	4155	.	.	.	.
191	203502	2035	2	4147	.	.	.	.
192	203503	2035	3	4197	.	.	.	.
193	203504	2035	4	4219	.	.	.	.
194	203601	2036	1	4271	.	.	.	.
195	203602	2036	2	4232	.	.	.	.
196	203603	2036	3	4258	.	.	.	.
197	203604	2036	4	4263	.	.	.	.

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResHPL4</u>	<u>CICust</u>	<u>CICustL1</u>	<u>CICustL2</u>	<u>CICustL3</u>
198	203701	2037	1	4288	.	.	.	.
199	203702	2037	2	4250	.	.	.	.
200	203703	2037	3	4278	.	.	.	.
201	203704	2037	4	4287	.	.	.	.
202	203801	2038	1	4294	.	.	.	.
203	203802	2038	2	4295	.	.	.	.
204	203803	2038	3	4308	.	.	.	.
205	203804	2038	4	4301	.	.	.	.
206	203901	2039	1	4282	.	.	.	.
207	203902	2039	2	4286	.	.	.	.
208	203903	2039	3	4293	.	.	.	.
209	203904	2039	4	4289	.	.	.	.
210	204001	2040	1	4257	.	.	.	.
211	204002	2040	2	4268	.	.	.	.
212	204003	2040	3	4278	.	.	.	.
213	204004	2040	4	4281	.	.	.	.
214	204101	2041	1	4242	.	.	.	.
215	204102	2041	2	4269	.	.	.	.
216	204103	2041	3	4215	.	.	.	.
217	204104	2041	4	4293	.	.	.	.

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CICustL4</u>	<u>CICustL5</u>	<u>CICustL6</u>	<u>CICustL7</u>	<u>CICustL7</u>
1	198704	1987	4					
2	198801	1988	1					
3	198802	1988	2					
4	198803	1988	3					
5	198804	1988	4	26785				
6	198901	1989	1	27176	26785			
7	198902	1989	2	27140	27176	26785		
8	198903	1989	3	26939	27140	27176	26785	
9	198904	1989	4	26923	26939	27140	27176	26785
10	199001	1990	1	27301	26923	26939	27140	27176
11	199002	1990	2	27269	27301	26923	26939	27140
12	199003	1990	3	27175	27269	27301	26923	26939

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CICustL4</u>	<u>CICustL5</u>	<u>CICustL6</u>	<u>CICustL7</u>	<u>CICustL7</u>
13	199004	1990	4	27203	27175	27269	27301	26923
14	199101	1991	1	27557	27203	27175	27269	27301
15	199102	1991	2	27570	27557	27203	27175	27269
16	199103	1991	3	27470	27570	27557	27203	27175
17	199104	1991	4	27518	27470	27570	27557	27203
18	199201	1992	1	27743	27518	27470	27570	27557
19	199202	1992	2	27694	27743	27518	27470	27570
20	199203	1992	3	27593	27694	27743	27518	27470
21	199204	1992	4	27557	27593	27694	27743	27518
22	199301	1993	1	27704	27557	27593	27694	27743
23	199302	1993	2	27618	27704	27557	27593	27694
24	199303	1993	3	27430	27618	27704	27557	27593
25	199304	1993	4	27403	27430	27618	27704	27557
26	199401	1994	1	27639	27403	27430	27618	27704
27	199402	1994	2	27519	27639	27403	27430	27618
28	199403	1994	3	27305	27519	27639	27403	27430
29	199404	1994	4	27241	27305	27519	27639	27403
30	199501	1995	1	27457	27241	27305	27519	27639
31	199502	1995	2	27394	27457	27241	27305	27519
32	199503	1995	3	27196	27394	27457	27241	27305
33	199504	1995	4	27188	27196	27394	27457	27241
34	199601	1996	1	27313	27188	27196	27394	27457
35	199602	1996	2	27211	27313	27188	27196	27394
36	199603	1996	3	27087	27211	27313	27188	27196
37	199604	1996	4	26977	27087	27211	27313	27188
38	199701	1997	1	27189	26977	27087	27211	27313
39	199702	1997	2	27166	27189	26977	27087	27211
40	199703	1997	3	27061	27166	27189	26977	27087
41	199704	1997	4	27074	27061	27166	27189	26977
42	199801	1998	1	27315	27074	27061	27166	27189
43	199802	1998	2	27330	27315	27074	27061	27166
44	199803	1998	3	27271	27330	27315	27074	27061
45	199804	1998	4	27312	27271	27330	27315	27074
46	199901	1999	1	27549	27312	27271	27330	27315
47	199902	1999	2	27530	27549	27312	27271	27330
48	199903	1999	3	27470	27530	27549	27312	27271

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CICustL4</u>	<u>CICustL5</u>	<u>CICustL6</u>	<u>CICustL7</u>	<u>CICustL7</u>
49	199904	1999	4	27511	27470	27530	27549	27312
50	200001	2000	1	27762	27511	27470	27530	27549
51	200002	2000	2	27910	27762	27511	27470	27530
52	200003	2000	3	27943	27910	27762	27511	27470
53	200004	2000	4	28038	27943	27910	27762	27511
54	200101	2001	1	28312	28038	27943	27910	27762
55	200102	2001	2	28462	28312	28038	27943	27910
56	200103	2001	3	28452	28462	28312	28038	27943
57	200104	2001	4	28579	28452	28462	28312	28038
58	200201	2002	1	28777	28579	28452	28462	28312
59	200202	2002	2	28754	28777	28579	28452	28462
60	200203	2002	3	28765	28754	28777	28579	28452
61	200204	2002	4	28855	28765	28754	28777	28579
62	200301	2003	1	29006	28855	28765	28754	28777
63	200302	2003	2	29054	29006	28855	28765	28754
64	200303	2003	3	29090	29054	29006	28855	28765
65	200304	2003	4	29196	29090	29054	29006	28855
66	200401	2004	1	29319	29196	29090	29054	29006
67	200402	2004	2	29319	29319	29196	29090	29054
68	200403	2004	3	29309	29319	29319	29196	29090
69	200404	2004	4	29381	29309	29319	29319	29196
70	200501	2005	1	29523	29381	29309	29319	29319
71	200502	2005	2	29569	29523	29381	29309	29319
72	200503	2005	3	29477	29569	29523	29381	29309
73	200504	2005	4	29471	29477	29569	29523	29381
74	200601	2006	1	29583	29471	29477	29569	29523
75	200602	2006	2	29573	29583	29471	29477	29569
76	200603	2006	3	29558	29573	29583	29471	29477
77	200604	2006	4	29563	29558	29573	29583	29471
78	200701	2007	1	29639	29563	29558	29573	29583
79	200702	2007	2	29684	29639	29563	29558	29573
80	200703	2007	3	29620	29684	29639	29563	29558
81	200704	2007	4	29636	29620	29684	29639	29563
82	200801	2008	1	29812	29636	29620	29684	29639
83	200802	2008	2	29905	29812	29636	29620	29684
84	200803	2008	3	29926	29905	29812	29636	29620

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85	200804	2008	4	30023	29926	29905	29812	29636
86	200901	2009	1	30150	30023	29926	29905	29812
87	200902	2009	2	30243	30150	30023	29926	29905
88	200903	2009	3	30227	30243	30150	30023	29926
89	200904	2009	4	30222	30227	30243	30150	30023
90	201001	2010	1	30248	30222	30227	30243	30150
91	201002	2010	2	30178	30248	30222	30227	30243
92	201003	2010	3	30145	30178	30248	30222	30227
93	201004	2010	4	30139	30145	30178	30248	30222
94	201101	2011	1	30135	30139	30145	30178	30248
95	201102	2011	2	30208	30135	30139	30145	30178
96	201103	2011	3	30269	30208	30135	30139	30145
97	201104	2011	4	30216	30269	30208	30135	30139
98	201201	2012	1	30193	30216	30269	30208	30135
99	201202	2012	2	30189	30193	30216	30269	30208
100	201203	2012	3	30170	30189	30193	30216	30269
101	201204	2012	4	30133	30170	30189	30193	30216
102	201301	2013	1	30173	30133	30170	30189	30193
103	201302	2013	2	30192	30173	30133	30170	30189
104	201303	2013	3	30142	30192	30173	30133	30170
105	201304	2013	4	30086	30142	30192	30173	30133
106	201401	2014	1	30116	30086	30142	30192	30173
107	201402	2014	2	30095	30116	30086	30142	30192
108	201403	2014	3	30038	30095	30116	30086	30142
109	201404	2014	4	30058	30038	30095	30116	30086
110	201501	2015	1		30058	30038	30095	30116
111	201502	2015	2			30058	30038	30095
112	201503	2015	3				30058	30038
113	201504	2015	4					30058
114	201601	2016	1					
115	201602	2016	2					
116	201603	2016	3					
117	201604	2016	4					
118	201701	2017	1					
119	201702	2017	2					
120	201703	2017	3					

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CICustL4</u>	<u>CICustL5</u>	<u>CICustL6</u>	<u>CICustL7</u>	<u>CICustL7</u>
121	201704	2017	4					
122	201801	2018	1					
123	201802	2018	2					
124	201803	2018	3					
125	201804	2018	4					
126	201901	2019	1					
127	201902	2019	2					
128	201903	2019	3					
129	201904	2019	4					
130	202001	2020	1					
131	202002	2020	2					
132	202003	2020	3					
133	202004	2020	4					
134	202101	2021	1					
135	202102	2021	2					
136	202103	2021	3					
137	202104	2021	4					
138	202201	2022	1					
139	202202	2022	2					
140	202203	2022	3					
141	202204	2022	4					
142	202301	2023	1					
143	202302	2023	2					
144	202303	2023	3					
145	202304	2023	4					
146	202401	2024	1					
147	202402	2024	2					
148	202403	2024	3					
149	202404	2024	4					
150	202501	2025	1					
151	202502	2025	2					
152	202503	2025	3					
153	202504	2025	4					
154	202601	2026	1					
155	202602	2026	2					
156	202603	2026	3					

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CICustL4</u>	<u>CICustL5</u>	<u>CICustL6</u>	<u>CICustL7</u>	<u>CICustL7</u>
157	202604	2026	4					
158	202701	2027	1					
159	202702	2027	2					
160	202703	2027	3					
161	202704	2027	4					
162	202801	2028	1					
163	202802	2028	2					
164	202803	2028	3					
165	202804	2028	4					
166	202901	2029	1					
167	202902	2029	2					
168	202903	2029	3					
169	202904	2029	4					
170	203001	2030	1					
171	203002	2030	2					
172	203003	2030	3					
173	203004	2030	4					
174	203101	2031	1					
175	203102	2031	2					
176	203103	2031	3					
177	203104	2031	4					
178	203201	2032	1					
179	203202	2032	2					
180	203203	2032	3					
181	203204	2032	4					
182	203301	2033	1					
183	203302	2033	2					
184	203303	2033	3					
185	203304	2033	4					
186	203401	2034	1					
187	203402	2034	2					
188	203403	2034	3					
189	203404	2034	4					
190	203501	2035	1					
191	203502	2035	2					
192	203503	2035	3					

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CICustL4</u>	<u>CICustL5</u>	<u>CICustL6</u>	<u>CICustL7</u>	<u>CICustL7</u>
193	203504	2035	4					
194	203601	2036	1					
195	203602	2036	2					
196	203603	2036	3					
197	203604	2036	4					
198	203701	2037	1					
199	203702	2037	2					
200	203703	2037	3					
201	203704	2037	4					
202	203801	2038	1					
203	203802	2038	2					
204	203803	2038	3					
205	203804	2038	4					
206	203901	2039	1					
207	203902	2039	2					
208	203903	2039	3					
209	203904	2039	4					
210	204001	2040	1					
211	204002	2040	2					
212	204003	2040	3					
213	204004	2040	4					
214	204101	2041	1					
215	204102	2041	2					
216	204103	2041	3					
217	204104	2041	4					

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CICustL8</u>	<u>LgCICust</u>	<u>LgCICuL1</u>	<u>CIEmp</u>	<u>LgCIEmp</u>
1	198704	1987	4		10.1956	.	.	.
2	198801	1988	1		10.2101	10.1956	.	.
3	198802	1988	2		10.2088	10.2101	.	.
4	198803	1988	3		10.2013	10.2088	.	.
5	198804	1988	4		10.2007	10.2013	.	.
6	198901	1989	1		10.2147	10.2007	.	.

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CI</u> <u>CustL8</u>	<u>Lg</u> <u>CI</u> <u>Cust</u>	<u>Lg</u> <u>CI</u> <u>CuL1</u>	<u>CI</u> <u>Emp</u>	<u>Lg</u> <u>CI</u> <u>Emp</u>
7	198902	1989	2		10.2135	10.2147	.	.
8	198903	1989	3		10.2101	10.2135	.	.
9	198904	1989	4		10.2111	10.2101	.	.
10	199001	1990	1	26785	10.224	10.2111	956100	13.7706
11	199002	1990	2	27176	10.2245	10.224	967533	13.7825
12	199003	1990	3	27140	10.2208	10.2245	965600	13.7817
13	199004	1990	4	26939	10.2226	10.2208	979167	13.7913
14	199101	1991	1	26923	10.2307	10.2226	977833	13.7787
15	199102	1991	2	27301	10.229	10.2307	987033	13.7823
16	199103	1991	3	27269	10.2253	10.229	973500	13.7741
17	199104	1991	4	27175	10.224	10.2253	978400	13.7742
18	199201	1992	1	27203	10.2293	10.224	970100	13.758
19	199202	1992	2	27557	10.2262	10.2293	969933	13.7677
20	199203	1992	3	27570	10.2194	10.2262	954100	13.7572
21	199204	1992	4	27470	10.2184	10.2194	964467	13.7643
22	199301	1993	1	27518	10.227	10.2184	954100	13.7536
23	199302	1993	2	27743	10.2226	10.227	960567	13.7614
24	199303	1993	3	27694	10.2148	10.2226	950100	13.7593
25	199304	1993	4	27593	10.2125	10.2148	958700	13.7701
26	199401	1994	1	27557	10.2204	10.2125	956333	13.7582
27	199402	1994	2	27704	10.2181	10.2204	966000	13.7699
28	199403	1994	3	27618	10.2108	10.2181	953900	13.7696
29	199404	1994	4	27430	10.2105	10.2108	966500	13.7812
30	199501	1995	1	27403	10.2151	10.2105	966267	13.7724
31	199502	1995	2	27639	10.2114	10.2151	976633	13.7941
32	199503	1995	3	27519	10.2068	10.2114	967567	13.7976
33	199504	1995	4	27305	10.2027	10.2068	989900	13.8107
34	199601	1996	1	27241	10.2106	10.2027	993600	13.8028
35	199602	1996	2	27457	10.2097	10.2106	1006133	13.8218
36	199603	1996	3	27394	10.2058	10.2097	997533	13.8238
37	199604	1996	4	27196	10.2063	10.2058	1018300	13.8382
38	199701	1997	1	27188	10.2152	10.2063	1019433	13.8416
39	199702	1997	2	27313	10.2157	10.2152	1033733	13.8672
40	199703	1997	3	27211	10.2136	10.2157	1036433	13.8748
41	199704	1997	4	27087	10.2151	10.2136	1064333	13.8893
42	199801	1998	1	26977	10.2237	10.2151	1072100	13.8883

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43	199802	1998	2	27189	10.223	10.2237	1087233	13.9137
44	199803	1998	3	27166	10.2208	10.223	1085133	13.9201
45	199804	1998	4	27061	10.2223	10.2208	1114000	13.9403
46	199901	1999	1	27074	10.2314	10.2223	1121467	13.935
47	199902	1999	2	27315	10.2367	10.2314	1143600	13.9578
48	199903	1999	3	27330	10.2379	10.2367	1136900	13.9587
49	199904	1999	4	27271	10.2413	10.2379	1164367	13.979
50	200001	2000	1	27312	10.251	10.2413	1165700	13.9763
51	200002	2000	2	27549	10.2563	10.251	1189167	13.994
52	200003	2000	3	27530	10.256	10.2563	1184300	13.9907
53	200004	2000	4	27470	10.2604	10.256	1207167	14.011
54	200101	2001	1	27511	10.2673	10.2604	1202800	14.0026
55	200102	2001	2	27762	10.2665	10.2673	1226700	14.018
56	200103	2001	3	27910	10.2669	10.2665	1216467	14.0093
57	200104	2001	4	27943	10.27	10.2669	1236067	14.0229
58	200201	2002	1	28038	10.2753	10.27	1225600	14.0115
59	200202	2002	2	28312	10.2769	10.2753	1241033	14.0287
60	200203	2002	3	28462	10.2781	10.2769	1226233	14.0176
61	200204	2002	4	28452	10.2818	10.2781	1248800	14.0346
62	200301	2003	1	28579	10.286	10.2818	1235500	14.0198
63	200302	2003	2	28777	10.286	10.286	1256167	14.0317
64	200303	2003	3	28754	10.2856	10.286	1237067	14.0292
65	200304	2003	4	28765	10.2881	10.2856	1253000	14.0421
66	200401	2004	1	28855	10.2929	10.2881	1249733	14.0316
67	200402	2004	2	29006	10.2945	10.2929	1265367	14.0477
68	200403	2004	3	29054	10.2914	10.2945	1252133	14.0474
69	200404	2004	4	29090	10.2912	10.2914	1272967	14.0606
70	200501	2005	1	29196	10.295	10.2912	1272267	14.0497
71	200502	2005	2	29319	10.2946	10.295	1288433	14.0668
72	200503	2005	3	29319	10.2941	10.2946	1274033	14.0647
73	200504	2005	4	29309	10.2943	10.2941	1297033	14.0746
74	200601	2006	1	29381	10.2968	10.2943	1293867	14.0673
75	200602	2006	2	29523	10.2984	10.2968	1306333	14.0806
76	200603	2006	3	29569	10.2962	10.2984	1296633	14.0793
77	200604	2006	4	29477	10.2967	10.2962	1314967	14.0889
78	200701	2007	1	29471	10.3027	10.2967	1313233	14.0756

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79	200702	2007	2	29583	10.3058	10.3027	1325067	14.0867
80	200703	2007	3	29573	10.3065	10.3058	1307200	14.0862
81	200704	2007	4	29558	10.3097	10.3065	1322667	14.0901
82	200801	2008	1	29563	10.3139	10.3097	1322033	14.0766
83	200802	2008	2	29639	10.317	10.3139	1326900	14.0835
84	200803	2008	3	29684	10.3165	10.317	1308633	14.076
85	200804	2008	4	29620	10.3163	10.3165	1318867	14.0715
86	200901	2009	1	29636	10.3172	10.3163	1308733	14.0373
87	200902	2009	2	29812	10.3149	10.3172	1302100	14.029
88	200903	2009	3	29905	10.3138	10.3149	1257867	14.009
89	200904	2009	4	29926	10.3136	10.3138	1249633	14.0192
90	201001	2010	1	30023	10.3134	10.3136	1223733	14.0074
91	201002	2010	2	30150	10.3159	10.3134	1235500	14.0241
92	201003	2010	3	30243	10.3179	10.3159	1213667	14.0162
93	201004	2010	4	30227	10.3161	10.3179	1240267	14.0266
94	201101	2011	1	30222	10.3154	10.3161	1234000	14.0235
95	201102	2011	2	30248	10.3152	10.3154	1243967	14.0371
96	201103	2011	3	30178	10.3146	10.3152	1232700	14.0336
97	201104	2011	4	30145	10.3133	10.3146	1244233	14.0494
98	201201	2012	1	30139	.	10.3133	1239933	14.0449
99	201202	2012	2	30135	.	.	1255867	14.0587
100	201203	2012	3	30208	.	.	1244600	14.0545
101	201204	2012	4	30269	.	.	1272000	14.0672
102	201301	2013	1	30216	.	.	1270800	14.0629
103	201302	2013	2	30193	.	.	1287100	14.0765
104	201303	2013	3	30189	.	.	1275733	14.0735
105	201304	2013	4	30170	.	.	1292200	14.0868
106	201401	2014	1	30133	.	.	1289000	14.0835
107	201402	2014	2	30173	.	.	1309700	14.0984
108	201403	2014	3	30192	.	.	1301545	14.0965
109	201404	2014	4	30142	.	.	1321050	14.1104
110	201501	2015	1	30086	.	.	1319544	14.1069
111	201502	2015	2	30116	.	.	1337940	14.1213
112	201503	2015	3	30095	.	.	1332165	14.1188
113	201504	2015	4	30038	.	.	1354025	14.1317

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114	201601	2016	1	30058	.	.	1353717	14.1278
115	201602	2016	2	.	.	.	1372548	14.1419
116	201603	2016	3	.	.	.	1365761	14.139
117	201604	2016	4	.	.	.	1387827	14.151
118	201701	2017	1	.	.	.	1387305	14.146
119	201702	2017	2	.	.	.	1405981	14.1589
120	201703	2017	3	.	.	.	1398118	14.1544
121	201704	2017	4	.	.	.	1419531	14.1655
122	201801	2018	1	.	.	.	1416906	14.1596
123	201802	2018	2	.	.	.	1433979	14.1715
124	201803	2018	3	.	.	.	1423717	14.1664
125	201804	2018	4	.	.	.	1443243	14.1769
126	201901	2019	1	.	.	.	1438705	14.1712
127	201902	2019	2	.	.	.	1453932	14.183
128	201903	2019	3	.	.	.	1442312	14.1778
129	201904	2019	4	.	.	.	1460802	14.1886
130	202001	2020	1	.	.	.	1454640	14.1834
131	202002	2020	2	.	.	.	1469075	14.1977
132	202003	2020	3	.	.	.	1456815	14.1913
133	202004	2020	4	.	.	.	1478133	14.2011
134	202101	2021	1	.	.	.	1468883	14.1956
135	202102	2021	2	.	.	.	1481424	14.2071
136	202103	2021	3	.	.	.	1468306	14.2015
137	202104	2021	4	.	.	.	1485434	14.2115
138	202201	2022	1	.	.	.	1477628	14.2056
139	202202	2022	2	.	.	.	1491239	14.2166
140	202203	2022	3	.	.	.	1478338	14.2109
141	202204	2022	4	.	.	.	1495588	14.221
142	202301	2023	1	.	.	.	1487895	14.2156
143	202302	2023	2	.	.	.	1501734	14.2271
144	202303	2023	3	.	.	.	1488979	14.2221
145	202304	2023	4	.	.	.	1506252	14.2329
146	202401	2024	1	.	.	.	1498852	14.2278
147	202402	2024	2	.	.	.	1512832	14.2394
148	202403	2024	3	.	.	.	1500123	14.2344
149	202404	2024	4	.	.	.	1517764	14.2452

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150	202501	2025	1	.	.	.	1510267	14.2405
151	202502	2025	2	.	.	.	1524599	14.2523
152	202503	2025	3	.	.	.	1512411	14.2475
153	202504	2025	4	.	.	.	1530760	14.2587
154	202601	2026	1	.	.	.	1523792	14.2541
155	202602	2026	2	.	.	.	1538695	14.2661
156	202603	2026	3	.	.	.	1526529	14.2614
157	202604	2026	4	.	.	.	1545218	14.2729
158	202701	2027	1	.	.	.	1538295	14.2683
159	202702	2027	2	.	.	.	1553853	14.2802
160	202703	2027	3	.	.	.	1541775	14.2753
161	202704	2027	4	.	.	.	1560784	14.2865
162	202801	2028	1	.	.	.	1553655	14.2817
163	202802	2028	2	.	.	.	1569233	14.2935
164	202803	2028	3	.	.	.	1557034	14.2883
165	202804	2028	4	.	.	.	1576517	14.2995
166	202901	2029	1	.	.	.	1569274	14.2947
167	202902	2029	2	.	.	.	1585278	14.3064
168	202903	2029	3	.	.	.	1572918	14.3012
169	202904	2029	4	.	.	.	1592264	14.3122
170	203001	2030	1	.	.	.	1584432	14.3074
171	203002	2030	2	.	.	.	1600497	14.3207
172	203003	2030	3	.	.	.	1588190	14.314
173	203004	2030	4	.	.	.	1610942	14.3241
174	203101	2031	1	.	.	.	1601273	14.3191
175	203102	2031	2	.	.	.	1615877	14.3305
176	203103	2031	3	.	.	.	1602948	14.3247
177	203104	2031	4	.	.	.	1622228	14.3352
178	203201	2032	1	.	.	.	1614249	14.3298
179	203202	2032	2	.	.	.	1629883	14.3408
180	203203	2032	3	.	.	.	1616695	14.335
181	203204	2032	4	.	.	.	1636347	14.3454
182	203301	2033	1	.	.	.	1628343	14.34
183	203302	2033	2	.	.	.	1644441	14.3509
184	203303	2033	3	.	.	.	1631431	14.3449
185	203304	2033	4	.	.	.	1651276	14.3551

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186	203401	2034	1	.	.	.	1643175	14.3496
187	203402	2034	2	.	.	.	1659470	14.3604
188	203403	2034	3	.	.	.	1646312	14.3546
189	203404	2034	4	.	.	.	1666228	14.365
190	203501	2035	1	.	.	.	1657919	14.3596
191	203502	2035	2	.	.	.	1674299	14.3704
192	203503	2035	3	.	.	.	1661051	14.3645
193	203504	2035	4	.	.	.	1681109	14.3746
194	203601	2036	1	.	.	.	1672709	14.3692
195	203602	2036	2	.	.	.	1689424	14.3801
196	203603	2036	3	.	.	.	1676337	14.3744
197	203604	2036	4	.	.	.	1697096	14.3847
198	203701	2037	1	.	.	.	1689162	14.3794
199	203702	2037	2	.	.	.	1706534	14.3902
200	203703	2037	3	.	.	.	1693202	14.3846
201	203704	2037	4	.	.	.	1714147	14.3947
202	203801	2038	1	.	.	.	1706052	14.3894
203	203802	2038	2	.	.	.	1723558	14.4005
204	203803	2038	3	.	.	.	1709741	14.395
205	203804	2038	4	.	.	.	1730669	14.4051
206	203901	2039	1	.	.	.	1722374	14.3999
207	203902	2039	2	.	.	.	1739761	14.411
208	203903	2039	3	.	.	.	1725810	14.4058
209	203904	2039	4	.	.	.	1746842	14.4159
210	204001	2040	1	.	.	.	1737820	14.4108
211	204002	2040	2	.	.	.	1755674	14.4234
212	204003	2040	3	.	.	.	1741638	14.4169
213	204004	2040	4	.	.	.	1765990	14.4259
214	204101	2041	1	.	.	.	1755451	14.4207
215	204102	2041	2	.	.	.	1772099	14.4319
216	204103	2041	3	.	.	.	1757891	14.427
217	204104	2041	4	.	.	.	1779156	14.4368