

Errata: Survey of Professional Forecasters (Last Updated: November 30, 2017)

The pages below show the changes made to correct errors to the individual observations in the SPF data set. Errors in the individual observations will affect the mean values for each survey date and may also affect the median values. When we post corrections to the individual observations, we also post the updated files of mean and median responses. The variable names listed below are defined in the documentation listed on our web page at the URL:

<http://www.philadelphiafed.org/research-and-data/real-time-center/survey-of-professional-forecasters/spf-documentation.pdf>

In the Excel files posted on our web page, a missing value is coded as #N/A.

These Changes Were Posted On: August 7, 2002

	Survey Date	Variable	ID	Old Value	New Value
1	1982Q2	PGDP1	15	210.9	201.9
2	1982Q3	RGDP4	20	1588.0	Missing
3	1982Q3	RGDP4	84	1403.0	Missing
4	1982Q3	RGDP5	84	1550.0	Missing
5	1985Q3	NGDP4	66	2033.0	Missing
6	1986Q1	NGDPB	99	3705.0	Missing
7	1986Q2	NGDP4	44	-99.0	Missing
8	1987Q1	PGDPB	94	200.0	Missing
9	1989Q2	NGDP2	12	5785.0	Missing
10	1990Q3	RGDPB	65	4713.4	4173.4
11	1992Q4	RGDP6	408	5421.1	5124.1

These Changes Were Posted On: December 8, 2003

	Survey Date	Variable	ID	Old Value	New Value
1	1980Q4	NGDP1	7	2853.0	2583.0
2	1984Q1	REXPOR1	65	-33.0	Missing
3	1984Q1	REXPOR2	65	-26.0	Missing
4	1984Q1	REXPOR3	65	-29.0	Missing
5	1984Q1	REXPOR4	65	-32.0	Missing
6	1984Q1	REXPOR5	65	-35.0	Missing
7	1984Q1	REXPOR6	65	-39.0	Missing
8	1984Q1	REXPORA	65	-31.0	Missing
9	1984Q1	REXPORB	65	-44.0	Missing
10	1984Q1	REXPOR1	90	-33.0	Missing
11	1984Q1	REXPOR2	90	-39.0	Missing
12	1984Q1	REXPOR3	90	-45.0	Missing
13	1984Q1	REXPOR4	90	-50.0	Missing
14	1984Q1	REXPOR5	90	-44.0	Missing
15	1984Q1	REXPOR6	90	-38.0	Missing
16	1984Q1	REXPORA	90	-44.0	Missing
17	1984Q1	REXPORB	90	-38.0	Missing
18	1991Q2	REXPOR1	20	-23.6	Missing
19	1991Q2	REXPOR2	20	-25.0	Missing
20	1991Q2	REXPOR3	20	-28.0	Missing
21	1991Q2	REXPOR4	20	-28.0	Missing
22	1991Q2	REXPOR5	20	-27.0	Missing
23	1991Q2	REXPOR6	20	-23.0	Missing
24	1991Q2	REXPORA	20	-26.0	Missing
25	1991Q2	REXPORB	20	-21.0	Missing
26	1981Q1	NGDP6	109	2350.0	Missing
27	1981Q2	NGDP5	96	3717.0	Missing
28	1982Q1	RRESINV6	61	19.5	Missing
29	1985Q3	RRESINV3	20	34.0	Missing
30	1986Q3	NGDP1	103	4849.0	4182.0
31	1987Q1	RCONSUM3	15	4883.0	Missing
32	1991Q3	RCONSUM3	30	2998.0	2698.0
33	1991Q4	RRESINV6	428	111.3	181.3
34	1991Q4	RRESINV2	440	460.9	160.9
35	1991Q4	NGDP5	432	5012.1	6012.1
36	1992Q1	RGDP4	409	4516.0	4916.0
37	1992Q2	NGDP4	434	5080.5	Missing
38	1992Q2	NGDP5	434	5133.2	Missing
39	1992Q2	NGDP6	434	5185.0	Missing
40	1992Q3	RNRESIN5	30	56.0	516.0
41	1992Q4	NGDP2	20	6446.7	6046.7
42	1992Q4	RCONSUM3	444	3572.6	3372.6

43	1992Q4	RCONSUM5	409	3109.0	3409.0
44	1993Q1	RCONSUM6	430	3842.6	3479.0
45	1995Q3	RRESINV5	468	270.6	220.6
46	1996Q3	RRESINV2	446	-8.7	274.48
47	1996Q3	RRESINV3	446	-10.5	266.97
48	1996Q3	RRESINV4	446	-4.0	264.26
49	1996Q3	RRESINV5	446	0.4	264.52
50	1996Q3	RRESINV6	446	4.1	267.19
51	1996Q3	RRESINVA	446	4.0	273.21
52	1996Q3	RRESINVB	446	-2.6	266.11
53	1996Q4	RCONSUM6	450	4313.9	4813.9
54	1997Q2	NGDP2	471	7494.9	7994.9
55	1998Q3	RCONSUM6	470	5550.0	Missing

These Changes Were Posted On: November 1, 2006

In September 2006, the Philadelphia Fed discovered in its historical data set for the Survey of Professional Forecasters a number of suspect observations for the probability-range variables. These are the variables that we name: PRGDP1 – PRGDP20 (ranges for output growth) and PRPGDP1 – PRPGDP20 (ranges for output inflation). In a number of surveys prior to that of 1991 Q4, the relevant variables do not sum to 100 for some individuals. Please note that these errors affect the data files of individual responses as well as the file of mean probability responses, as given below:

1. The two worksheets (PRGDP and PRPGDP) in the mean probability data file
<http://www.philadelphiafed.org/files/spf/prob.xls>
2. The two worksheets (PRGDP and PRPGDP) in the individual forecasts data file
<http://www.philadelphiafed.org/files/spf/micro1.xls>
3. The two worksheets (PRGDP and PRPGDP) in the individual forecasts data file
<http://www.philadelphiafed.org/files/spf/micro2.xls>
4. The two worksheets (PRGDP and PRPGDP) in the individual forecasts data file
<http://www.philadelphiafed.org/files/spf/micro3.xls>

We have detected no problems with these variables in the surveys from 1991 Q4 to the present.¹ Tables 1 - 3 provide summary information on the observations affected. Each table identifies the survey year and quarter and the individual (ID) for which we have detected an error in the probability ranges. In these tables, PRGDPYR1 and PRGDPYR2 show the sum of the relevant probability ranges for output growth associated with the current (1) and following (2) years. The variables PRPGDPYR1 and PRPGDPYR2 show the same for output price inflation. (Note that in early surveys, only ranges for one year were included in the questionnaire.) Each of these should sum to 100. A problem is indicated when the value does not sum to 100. As you can see from the tables, sometimes the ranges sum to a value that is close to 100 but not close enough to be attributable to a rounding error. In other cases, the sum is zero, suggesting that the data were entered incorrectly.

Corrections to the Data. The surveys prior to 1991 Q4 were conducted by the NBER/ASA, and the Philadelphia Fed has no hard-copy historical records to aid in correcting the observations. We therefore decided on the following methodology:

- When the sum of the probability-range variables for a particular year deviates at least five percentage points (+/- 5% or more) from 100, we set all variables for that year to missing. Table 4 lists the original (incorrect) responses, identified by the survey date and the ID of the panelist. The table provides the original responses (“Old Value”) and it notes that these responses were changed to missing values (“New Value”) in the data set.

¹ However, we describe below a related problem in the surveys of 1981Q3 and 2006Q3 in which a few responses were entered into the data set as missing values when they should have been entered as zero. We also describe a correction made to the responses of individual 992 in the survey of 1973 Q4 affecting the probability-range variable PRPGDP15.

- When the sum deviates from 100 by less than five percentage points, we leave the observation unchanged.

We adopted this methodology for the following reason. For small deviations from 100, researchers may wish to make minor adjustments to the responses, by distributing the discrepancy among the probability bins, in order to preserve the observation. For large deviations, it is probably best to eliminate the observation.

TABLE 1
 OBSERVATIONS FOR PRGDP AND PRPGDP FROM 1968Q4 TO 1981Q2
 WHERE THE SUM OF THE PROBABILITY-RANGE VARIABLES DEVIATES
 AT LEAST FIVE PERCENTAGE POINTS (+/- 5%) FROM 100

N	YEAR	QUARTER	ID	PRGDPYR1	PRPGDPYR1
1	1968	4	50	100.00	105.00
2	1969	1	53	110.00	100.00
3	1969	2	40	100.00	0.00
4	1973	4	38	100.00	0.00
5	1973	4	95	100.00	0.00
6	1973	4	111	100.00	0.00
7	1973	4	162	100.00	0.00
8	1974	3	49	100.00	91.00
9	1974	3	93	100.00	0.00
10	1974	3	108	0.00	101.00
11	1974	4	3	100.00	0.00
12	1975	4	54	100.00	110.00
13	1975	4	70	100.00	80.00
14	1975	4	111	100.00	90.00
15	1975	4	125	100.00	90.00
16	1977	1	148	0.00	100.00
17	1977	4	7	95.00	100.00
18	1977	4	77	100.00	95.00
19	1978	3	102	0.00	100.00
20	1978	3	112	0.00	100.00
21	1978	4	120	0.00	100.00
22	1978	4	148	100.00	0.00
23	1979	1	38	100.00	85.00
24	1979	1	112	0.00	100.00
25	1979	2	31	100.00	110.00
26	1979	2	47	125.00	100.00
27	1979	3	120	95.00	100.00
28	1979	4	44	90.00	100.00
29	1980	1	31	90.00	100.00
30	1980	1	70	90.00	100.00
31	1980	1	87	100.00	110.00
32	1980	1	145	100.00	110.00
33	1980	2	31	100.00	90.00
34	1980	2	170	100.00	130.00
35	1980	4	31	100.00	120.00
36	1981	1	109	95.00	100.00
37	1981	2	148	100.00	110.00

TABLE 2
 OBSERVATIONS FOR PRGDP AND PRPGDP FROM 1981Q3 TO 1991Q4
 WHERE THE SUM OF THE PROBABILITY-RANGE VARIABLES DEVIATES
 AT LEAST FIVE PERCENTAGE POINTS (+/- 5%) FROM 100

N	Year	QUARTER	ID	PRGDPYR1	PRGDPYR2	PRPGDPYR1	PRPGDPYR2
1	1981	3	18	100.00	100.00	90.00	100.00
2	1981	3	68	100.00	95.00	100.00	100.00
3	1981	4	13	100.00	100.00	105.00	100.00
4	1981	4	19	100.00	145.00	100.00	100.00
5	1981	4	36	100.00	100.00	145.00	100.00
6	1981	4	39	100.00	100.00	145.00	100.00
7	1981	4	47	100.00	100.00	119.00	100.00
8	1981	4	54	100.00	100.00	90.00	100.00
9	1982	1	78	110.00	100.00	100.00	100.00
10	1982	2	33	100.00	90.00	100.00	100.00
11	1982	3	69	100.00	110.00	100.00	100.00
12	1982	3	87	100.00	90.00	100.00	100.00
13	1991	3	427	90.00	100.00	100.00	100.00

TABLE 3
 OBSERVATIONS FOR PRGDP AND PRPGDP FROM 1968Q4 TO 1991Q4
 WHERE THE SUM OF THE PROBABILITY-RANGE VARIABLES DEVIATES
 BETWEEN ONE TO FIVE PERCENTAGE POINTS FROM 100

N	Year	QUARTER	ID	PRGDPYR1	PRGDPYR2	PRPGDPYR1	PRPGDPYR2
1	1979	3	170	97.00	NA	100.00	NA
2	1980	1	77	97.00	NA	100.00	NA
3	1981	2	118	102.00	NA	100.00	NA
4	1982	3	51	100.00	102.00	100.00	100.00

Table 4
Corrections to the Data on Probability-Range Variables Posted On: November 1, 2006

	Survey Date	Variable	ID	Old Value	New Value
1	1968Q4	PRPGDP1	50	1.0	Missing
2	1968Q4	PRPGDP2	50	1.0	Missing
3	1968Q4	PRPGDP3	50	1.0	Missing
4	1968Q4	PRPGDP4	50	2.0	Missing
5	1968Q4	PRPGDP5	50	5.0	Missing
6	1968Q4	PRPGDP6	50	10.0	Missing
7	1968Q4	PRPGDP7	50	30.0	Missing
8	1968Q4	PRPGDP8	50	30.0	Missing
9	1968Q4	PRPGDP9	50	15.0	Missing
10	1968Q4	PRPGDP10	50	5.0	Missing
11	1968Q4	PRPGDP11	50	1.0	Missing
12	1968Q4	PRPGDP12	50	1.0	Missing
13	1968Q4	PRPGDP13	50	1.0	Missing
14	1968Q4	PRPGDP14	50	1.0	Missing
15	1968Q4	PRPGDP15	50	1.0	Missing
16	1969Q1	PRGDP1	53	5.0	Missing
17	1969Q1	PRGDP2	53	10.0	Missing
18	1969Q1	PRGDP3	53	10.0	Missing
19	1969Q1	PRGDP4	53	45.0	Missing
20	1969Q1	PRGDP5	53	15.0	Missing
21	1969Q1	PRGDP6	53	10.0	Missing
22	1969Q1	PRGDP7	53	10.0	Missing
23	1969Q1	PRGDP8	53	5.0	Missing
24	1969Q1	PRGDP9	53	0.0	Missing
25	1969Q1	PRGDP10	53	0.0	Missing
26	1969Q1	PRGDP11	53	0.0	Missing
27	1969Q1	PRGDP12	53	0.0	Missing
28	1969Q1	PRGDP13	53	0.0	Missing
29	1969Q1	PRGDP14	53	0.0	Missing
30	1969Q1	PRGDP15	53	0.0	Missing
31	1969Q2	PRPGDP1	40	0.0	Missing
32	1969Q2	PRPGDP2	40	0.0	Missing
33	1969Q2	PRPGDP3	40	0.0	Missing
34	1969Q2	PRPGDP4	40	0.0	Missing
35	1969Q2	PRPGDP5	40	0.0	Missing
36	1969Q2	PRPGDP6	40	0.0	Missing
37	1969Q2	PRPGDP7	40	0.0	Missing
38	1969Q2	PRPGDP8	40	0.0	Missing
39	1969Q2	PRPGDP9	40	0.0	Missing
40	1969Q2	PRPGDP10	40	0.0	Missing
41	1969Q2	PRPGDP11	40	0.0	Missing
42	1969Q2	PRPGDP12	40	0.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
43	1969Q2	PRPGDP13	40	0.0	Missing
44	1969Q2	PRPGDP14	40	0.0	Missing
45	1969Q2	PRPGDP15	40	0.0	Missing
46	1973Q4	PRPGDP1	38	0.0	Missing
47	1973Q4	PRPGDP2	38	0.0	Missing
48	1973Q4	PRPGDP3	38	0.0	Missing
49	1973Q4	PRPGDP4	38	0.0	Missing
50	1973Q4	PRPGDP5	38	0.0	Missing
51	1973Q4	PRPGDP6	38	0.0	Missing
52	1973Q4	PRPGDP7	38	0.0	Missing
53	1973Q4	PRPGDP8	38	0.0	Missing
54	1973Q4	PRPGDP9	38	0.0	Missing
55	1973Q4	PRPGDP10	38	0.0	Missing
56	1973Q4	PRPGDP11	38	0.0	Missing
57	1973Q4	PRPGDP12	38	0.0	Missing
58	1973Q4	PRPGDP13	38	0.0	Missing
59	1973Q4	PRPGDP14	38	0.0	Missing
60	1973Q4	PRPGDP15	38	0.0	Missing
61	1973Q4	PRPGDP1	95	0.0	Missing
62	1973Q4	PRPGDP2	95	0.0	Missing
63	1973Q4	PRPGDP3	95	0.0	Missing
64	1973Q4	PRPGDP4	95	0.0	Missing
65	1973Q4	PRPGDP5	95	0.0	Missing
66	1973Q4	PRPGDP6	95	0.0	Missing
67	1973Q4	PRPGDP7	95	0.0	Missing
68	1973Q4	PRPGDP8	95	0.0	Missing
69	1973Q4	PRPGDP9	95	0.0	Missing
70	1973Q4	PRPGDP10	95	0.0	Missing
71	1973Q4	PRPGDP11	95	0.0	Missing
72	1973Q4	PRPGDP12	95	0.0	Missing
73	1973Q4	PRPGDP13	95	0.0	Missing
74	1973Q4	PRPGDP14	95	0.0	Missing
75	1973Q4	PRPGDP15	95	0.0	Missing
76	1973Q4	PRPGDP1	111	0.0	Missing
77	1973Q4	PRPGDP2	111	0.0	Missing
78	1973Q4	PRPGDP3	111	0.0	Missing
79	1973Q4	PRPGDP4	111	0.0	Missing
80	1973Q4	PRPGDP5	111	0.0	Missing
81	1973Q4	PRPGDP6	111	0.0	Missing
82	1973Q4	PRPGDP7	111	0.0	Missing
83	1973Q4	PRPGDP8	111	0.0	Missing
84	1973Q4	PRPGDP9	111	0.0	Missing
85	1973Q4	PRPGDP10	111	0.0	Missing
86	1973Q4	PRPGDP11	111	0.0	Missing
87	1973Q4	PRPGDP12	111	0.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
88	1973Q4	PRPGDP13	111	0.0	Missing
89	1973Q4	PRPGDP14	111	0.0	Missing
90	1973Q4	PRPGDP15	111	0.0	Missing
91	1973Q4	PRPGDP1	162	0.0	Missing
92	1973Q4	PRPGDP2	162	0.0	Missing
93	1973Q4	PRPGDP3	162	0.0	Missing
94	1973Q4	PRPGDP4	162	0.0	Missing
95	1973Q4	PRPGDP5	162	0.0	Missing
96	1973Q4	PRPGDP6	162	0.0	Missing
97	1973Q4	PRPGDP7	162	0.0	Missing
98	1973Q4	PRPGDP8	162	0.0	Missing
99	1973Q4	PRPGDP9	162	0.0	Missing
100	1973Q4	PRPGDP10	162	0.0	Missing
101	1973Q4	PRPGDP11	162	0.0	Missing
102	1973Q4	PRPGDP12	162	0.0	Missing
103	1973Q4	PRPGDP13	162	0.0	Missing
104	1973Q4	PRPGDP14	162	0.0	Missing
105	1973Q4	PRPGDP15	162	0.0	Missing
106	1974Q3	PRPGDP1	49	0.0	Missing
107	1974Q3	PRPGDP2	49	2.0	Missing
108	1974Q3	PRPGDP3	49	10.0	Missing
109	1974Q3	PRPGDP4	49	76.0	Missing
110	1974Q3	PRPGDP5	49	1.0	Missing
111	1974Q3	PRPGDP6	49	2.0	Missing
112	1974Q3	PRPGDP7	49	0.0	Missing
113	1974Q3	PRPGDP8	49	0.0	Missing
114	1974Q3	PRPGDP9	49	0.0	Missing
115	1974Q3	PRPGDP10	49	0.0	Missing
116	1974Q3	PRPGDP11	49	0.0	Missing
117	1974Q3	PRPGDP12	49	0.0	Missing
118	1974Q3	PRPGDP13	49	0.0	Missing
119	1974Q3	PRPGDP14	49	0.0	Missing
120	1974Q3	PRPGDP15	49	0.0	Missing
121	1974Q3	PRPGDP1	93	0.0	Missing
122	1974Q3	PRPGDP2	93	0.0	Missing
123	1974Q3	PRPGDP3	93	0.0	Missing
124	1974Q3	PRPGDP4	93	0.0	Missing
125	1974Q3	PRPGDP5	93	0.0	Missing
126	1974Q3	PRPGDP6	93	0.0	Missing
127	1974Q3	PRPGDP7	93	0.0	Missing
128	1974Q3	PRPGDP8	93	0.0	Missing
129	1974Q3	PRPGDP9	93	0.0	Missing
130	1974Q3	PRPGDP10	93	0.0	Missing
131	1974Q3	PRPGDP11	93	0.0	Missing
132	1974Q3	PRPGDP12	93	0.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
133	1974Q3	PRPGDP13	93	0.0	Missing
134	1974Q3	PRPGDP14	93	0.0	Missing
135	1974Q3	PRPGDP15	93	0.0	Missing
136	1974Q3	PRGDP1	108	0.0	Missing
137	1974Q3	PRGDP2	108	0.0	Missing
138	1974Q3	PRGDP3	108	0.0	Missing
139	1974Q3	PRGDP4	108	0.0	Missing
140	1974Q3	PRGDP5	108	0.0	Missing
141	1974Q3	PRGDP6	108	0.0	Missing
142	1974Q3	PRGDP7	108	0.0	Missing
143	1974Q3	PRGDP8	108	0.0	Missing
144	1974Q3	PRGDP9	108	0.0	Missing
145	1974Q3	PRGDP10	108	0.0	Missing
146	1974Q3	PRGDP11	108	0.0	Missing
147	1974Q3	PRGDP12	108	0.0	Missing
148	1974Q3	PRGDP13	108	0.0	Missing
149	1974Q3	PRGDP14	108	0.0	Missing
150	1974Q3	PRGDP15	108	0.0	Missing
151	1974Q4	PRPGDP1	3	0.0	Missing
152	1974Q4	PRPGDP2	3	0.0	Missing
153	1974Q4	PRPGDP3	3	0.0	Missing
154	1974Q4	PRPGDP4	3	0.0	Missing
155	1974Q4	PRPGDP5	3	0.0	Missing
156	1974Q4	PRPGDP6	3	0.0	Missing
157	1974Q4	PRPGDP7	3	0.0	Missing
158	1974Q4	PRPGDP8	3	0.0	Missing
159	1974Q4	PRPGDP9	3	0.0	Missing
160	1974Q4	PRPGDP10	3	0.0	Missing
161	1974Q4	PRPGDP11	3	0.0	Missing
162	1974Q4	PRPGDP12	3	0.0	Missing
163	1974Q4	PRPGDP13	3	0.0	Missing
164	1974Q4	PRPGDP14	3	0.0	Missing
165	1974Q4	PRPGDP15	3	0.0	Missing
166	1975Q4	PRPGDP1	54	0.0	Missing
167	1975Q4	PRPGDP2	54	0.0	Missing
168	1975Q4	PRPGDP3	54	0.0	Missing
169	1975Q4	PRPGDP4	54	0.0	Missing
170	1975Q4	PRPGDP5	54	0.0	Missing
171	1975Q4	PRPGDP6	54	0.0	Missing
172	1975Q4	PRPGDP7	54	0.0	Missing
173	1975Q4	PRPGDP8	54	2.0	Missing
174	1975Q4	PRPGDP9	54	8.0	Missing
175	1975Q4	PRPGDP10	54	30.0	Missing
176	1975Q4	PRPGDP11	54	60.0	Missing
177	1975Q4	PRPGDP12	54	10.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
178	1975Q4	PRPGDP13	54	0.0	Missing
179	1975Q4	PRPGDP14	54	0.0	Missing
180	1975Q4	PRPGDP15	54	0.0	Missing
181	1975Q4	PRPGDP1	70	0.0	Missing
182	1975Q4	PRPGDP2	70	0.0	Missing
183	1975Q4	PRPGDP3	70	0.0	Missing
184	1975Q4	PRPGDP4	70	0.0	Missing
185	1975Q4	PRPGDP5	70	0.0	Missing
186	1975Q4	PRPGDP6	70	0.0	Missing
187	1975Q4	PRPGDP7	70	0.0	Missing
188	1975Q4	PRPGDP8	70	0.0	Missing
189	1975Q4	PRPGDP9	70	0.0	Missing
190	1975Q4	PRPGDP10	70	10.0	Missing
191	1975Q4	PRPGDP11	70	30.0	Missing
192	1975Q4	PRPGDP12	70	40.0	Missing
193	1975Q4	PRPGDP13	70	0.0	Missing
194	1975Q4	PRPGDP14	70	0.0	Missing
195	1975Q4	PRPGDP15	70	0.0	Missing
196	1975Q4	PRPGDP1	111	0.0	Missing
197	1975Q4	PRPGDP2	111	0.0	Missing
198	1975Q4	PRPGDP3	111	0.0	Missing
199	1975Q4	PRPGDP4	111	0.0	Missing
200	1975Q4	PRPGDP5	111	0.0	Missing
201	1975Q4	PRPGDP6	111	0.0	Missing
202	1975Q4	PRPGDP7	111	0.0	Missing
203	1975Q4	PRPGDP8	111	10.0	Missing
204	1975Q4	PRPGDP9	111	10.0	Missing
205	1975Q4	PRPGDP10	111	30.0	Missing
206	1975Q4	PRPGDP11	111	30.0	Missing
207	1975Q4	PRPGDP12	111	10.0	Missing
208	1975Q4	PRPGDP13	111	0.0	Missing
209	1975Q4	PRPGDP14	111	0.0	Missing
210	1975Q4	PRPGDP15	111	0.0	Missing
211	1975Q4	PRPGDP1	125	0.0	Missing
212	1975Q4	PRPGDP2	125	0.0	Missing
213	1975Q4	PRPGDP3	125	0.0	Missing
214	1975Q4	PRPGDP4	125	0.0	Missing
215	1975Q4	PRPGDP5	125	0.0	Missing
216	1975Q4	PRPGDP6	125	0.0	Missing
217	1975Q4	PRPGDP7	125	0.0	Missing
218	1975Q4	PRPGDP8	125	0.0	Missing
219	1975Q4	PRPGDP9	125	15.0	Missing
220	1975Q4	PRPGDP10	125	50.0	Missing
221	1975Q4	PRPGDP11	125	25.0	Missing
222	1975Q4	PRPGDP12	125	0.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
223	1975Q4	PRPGDP13	125	0.0	Missing
224	1975Q4	PRPGDP14	125	0.0	Missing
225	1975Q4	PRPGDP15	125	0.0	Missing
226	1977Q1	PRGDP1	148	0.0	Missing
227	1977Q1	PRGDP2	148	0.0	Missing
228	1977Q1	PRGDP3	148	0.0	Missing
229	1977Q1	PRGDP4	148	0.0	Missing
230	1977Q1	PRGDP5	148	0.0	Missing
231	1977Q1	PRGDP6	148	0.0	Missing
232	1977Q1	PRGDP7	148	0.0	Missing
233	1977Q1	PRGDP8	148	0.0	Missing
234	1977Q1	PRGDP9	148	0.0	Missing
235	1977Q1	PRGDP10	148	0.0	Missing
236	1977Q1	PRGDP11	148	0.0	Missing
237	1977Q1	PRGDP12	148	0.0	Missing
238	1977Q1	PRGDP13	148	0.0	Missing
239	1977Q1	PRGDP14	148	0.0	Missing
240	1977Q1	PRGDP15	148	0.0	Missing
241	1977Q4	PRGDP1	7	1.0	Missing
242	1977Q4	PRGDP2	7	2.0	Missing
243	1977Q4	PRGDP3	7	4.0	Missing
244	1977Q4	PRGDP4	7	10.0	Missing
245	1977Q4	PRGDP5	7	16.0	Missing
246	1977Q4	PRGDP6	7	30.0	Missing
247	1977Q4	PRGDP7	7	15.0	Missing
248	1977Q4	PRGDP8	7	5.0	Missing
249	1977Q4	PRGDP9	7	4.0	Missing
250	1977Q4	PRGDP10	7	3.0	Missing
251	1977Q4	PRGDP11	7	2.0	Missing
252	1977Q4	PRGDP12	7	2.0	Missing
253	1977Q4	PRGDP13	7	1.0	Missing
254	1977Q4	PRGDP14	7	0.0	Missing
255	1977Q4	PRGDP15	7	0.0	Missing
256	1977Q4	PRPGDP1	77	0.0	Missing
257	1977Q4	PRPGDP2	77	0.0	Missing
258	1977Q4	PRPGDP3	77	0.0	Missing
259	1977Q4	PRPGDP4	77	0.0	Missing
260	1977Q4	PRPGDP5	77	1.0	Missing
261	1977Q4	PRPGDP6	77	3.0	Missing
262	1977Q4	PRPGDP7	77	5.0	Missing
263	1977Q4	PRPGDP8	77	5.0	Missing
264	1977Q4	PRPGDP9	77	10.0	Missing
265	1977Q4	PRPGDP10	77	20.0	Missing
266	1977Q4	PRPGDP11	77	40.0	Missing
267	1977Q4	PRPGDP12	77	10.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
268	1977Q4	PRPGDP13	77	1.0	Missing
269	1977Q4	PRPGDP14	77	0.0	Missing
270	1977Q4	PRPGDP15	77	0.0	Missing
271	1978Q3	PRGDP1	102	0.0	Missing
272	1978Q3	PRGDP2	102	0.0	Missing
273	1978Q3	PRGDP3	102	0.0	Missing
274	1978Q3	PRGDP4	102	0.0	Missing
275	1978Q3	PRGDP5	102	0.0	Missing
276	1978Q3	PRGDP6	102	0.0	Missing
277	1978Q3	PRGDP7	102	0.0	Missing
278	1978Q3	PRGDP8	102	0.0	Missing
279	1978Q3	PRGDP9	102	0.0	Missing
280	1978Q3	PRGDP10	102	0.0	Missing
281	1978Q3	PRGDP11	102	0.0	Missing
282	1978Q3	PRGDP12	102	0.0	Missing
283	1978Q3	PRGDP13	102	0.0	Missing
284	1978Q3	PRGDP14	102	0.0	Missing
285	1978Q3	PRGDP15	102	0.0	Missing
286	1978Q3	PRGDP1	112	0.0	Missing
287	1978Q3	PRGDP2	112	0.0	Missing
288	1978Q3	PRGDP3	112	0.0	Missing
289	1978Q3	PRGDP4	112	0.0	Missing
290	1978Q3	PRGDP5	112	0.0	Missing
291	1978Q3	PRGDP6	112	0.0	Missing
292	1978Q3	PRGDP7	112	0.0	Missing
293	1978Q3	PRGDP8	112	0.0	Missing
294	1978Q3	PRGDP9	112	0.0	Missing
295	1978Q3	PRGDP10	112	0.0	Missing
296	1978Q3	PRGDP11	112	0.0	Missing
297	1978Q3	PRGDP12	112	0.0	Missing
298	1978Q3	PRGDP13	112	0.0	Missing
299	1978Q3	PRGDP14	112	0.0	Missing
300	1978Q3	PRGDP15	112	0.0	Missing
301	1978Q4	PRGDP1	120	0.0	Missing
302	1978Q4	PRGDP2	120	0.0	Missing
303	1978Q4	PRGDP3	120	0.0	Missing
304	1978Q4	PRGDP4	120	0.0	Missing
305	1978Q4	PRGDP5	120	0.0	Missing
306	1978Q4	PRGDP6	120	0.0	Missing
307	1978Q4	PRGDP7	120	0.0	Missing
308	1978Q4	PRGDP8	120	0.0	Missing
309	1978Q4	PRGDP9	120	0.0	Missing
310	1978Q4	PRGDP10	120	0.0	Missing
311	1978Q4	PRGDP11	120	0.0	Missing
312	1978Q4	PRGDP12	120	0.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
313	1978Q4	PRGDP13	120	0.0	Missing
314	1978Q4	PRGDP14	120	0.0	Missing
315	1978Q4	PRGDP15	120	0.0	Missing
316	1978Q4	PRPGDP1	148	0.0	Missing
317	1978Q4	PRPGDP2	148	0.0	Missing
318	1978Q4	PRPGDP3	148	0.0	Missing
319	1978Q4	PRPGDP4	148	0.0	Missing
320	1978Q4	PRPGDP5	148	0.0	Missing
321	1978Q4	PRPGDP6	148	0.0	Missing
322	1978Q4	PRPGDP7	148	0.0	Missing
323	1978Q4	PRPGDP8	148	0.0	Missing
324	1978Q4	PRPGDP9	148	0.0	Missing
325	1978Q4	PRPGDP10	148	0.0	Missing
326	1978Q4	PRPGDP11	148	0.0	Missing
327	1978Q4	PRPGDP12	148	0.0	Missing
328	1978Q4	PRPGDP13	148	0.0	Missing
329	1978Q4	PRPGDP14	148	0.0	Missing
330	1978Q4	PRPGDP15	148	0.0	Missing
331	1979Q1	PRPGDP1	38	0.0	Missing
332	1979Q1	PRPGDP2	38	0.0	Missing
333	1979Q1	PRPGDP3	38	0.0	Missing
334	1979Q1	PRPGDP4	38	0.0	Missing
335	1979Q1	PRPGDP5	38	0.0	Missing
336	1979Q1	PRPGDP6	38	0.0	Missing
337	1979Q1	PRPGDP7	38	0.0	Missing
338	1979Q1	PRPGDP8	38	5.0	Missing
339	1979Q1	PRPGDP9	38	10.0	Missing
340	1979Q1	PRPGDP10	38	60.0	Missing
341	1979Q1	PRPGDP11	38	10.0	Missing
342	1979Q1	PRPGDP12	38	0.0	Missing
343	1979Q1	PRPGDP13	38	0.0	Missing
344	1979Q1	PRPGDP14	38	0.0	Missing
345	1979Q1	PRPGDP15	38	0.0	Missing
346	1979Q1	PRGDP1	112	0.0	Missing
347	1979Q1	PRGDP2	112	0.0	Missing
348	1979Q1	PRGDP3	112	0.0	Missing
349	1979Q1	PRGDP4	112	0.0	Missing
350	1979Q1	PRGDP5	112	0.0	Missing
351	1979Q1	PRGDP6	112	0.0	Missing
352	1979Q1	PRGDP7	112	0.0	Missing
353	1979Q1	PRGDP8	112	0.0	Missing
354	1979Q1	PRGDP9	112	0.0	Missing
355	1979Q1	PRGDP10	112	0.0	Missing
356	1979Q1	PRGDP11	112	0.0	Missing
357	1979Q1	PRGDP12	112	0.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
358	1979Q1	PRGDP13	112	0.0	Missing
359	1979Q1	PRGDP14	112	0.0	Missing
360	1979Q1	PRGDP15	112	0.0	Missing
361	1979Q2	PRPGDP1	31	0.0	Missing
362	1979Q2	PRPGDP2	31	0.0	Missing
363	1979Q2	PRPGDP3	31	0.0	Missing
364	1979Q2	PRPGDP4	31	0.0	Missing
365	1979Q2	PRPGDP5	31	0.0	Missing
366	1979Q2	PRPGDP6	31	0.0	Missing
367	1979Q2	PRPGDP7	31	0.0	Missing
368	1979Q2	PRPGDP8	31	25.0	Missing
369	1979Q2	PRPGDP9	31	40.0	Missing
370	1979Q2	PRPGDP10	31	35.0	Missing
371	1979Q2	PRPGDP11	31	10.0	Missing
372	1979Q2	PRPGDP12	31	0.0	Missing
373	1979Q2	PRPGDP13	31	0.0	Missing
374	1979Q2	PRPGDP14	31	0.0	Missing
375	1979Q2	PRPGDP15	31	0.0	Missing
376	1979Q2	PRGDP1	47	0.0	Missing
377	1979Q2	PRGDP2	47	0.0	Missing
378	1979Q2	PRGDP3	47	0.0	Missing
379	1979Q2	PRGDP4	47	0.0	Missing
380	1979Q2	PRGDP5	47	0.0	Missing
381	1979Q2	PRGDP6	47	5.0	Missing
382	1979Q2	PRGDP7	47	20.0	Missing
383	1979Q2	PRGDP8	47	75.0	Missing
384	1979Q2	PRGDP9	47	20.0	Missing
385	1979Q2	PRGDP10	47	5.0	Missing
386	1979Q2	PRGDP11	47	0.0	Missing
387	1979Q2	PRGDP12	47	0.0	Missing
388	1979Q2	PRGDP13	47	0.0	Missing
389	1979Q2	PRGDP14	47	0.0	Missing
390	1979Q2	PRGDP15	47	0.0	Missing
391	1979Q3	PRGDP1	120	0.0	Missing
392	1979Q3	PRGDP2	120	0.0	Missing
393	1979Q3	PRGDP3	120	0.0	Missing
394	1979Q3	PRGDP4	120	0.0	Missing
395	1979Q3	PRGDP5	120	20.0	Missing
396	1979Q3	PRGDP6	120	50.0	Missing
397	1979Q3	PRGDP7	120	20.0	Missing
398	1979Q3	PRGDP8	120	5.0	Missing
399	1979Q3	PRGDP9	120	0.0	Missing
400	1979Q3	PRGDP10	120	0.0	Missing
401	1979Q3	PRGDP11	120	0.0	Missing
402	1979Q3	PRGDP12	120	0.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
403	1979Q3	PRGDP13	120	0.0	Missing
404	1979Q3	PRGDP14	120	0.0	Missing
405	1979Q3	PRGDP15	120	0.0	Missing
406	1979Q4	PRGDP1	44	0.0	Missing
407	1979Q4	PRGDP2	44	0.0	Missing
408	1979Q4	PRGDP3	44	0.0	Missing
409	1979Q4	PRGDP4	44	0.0	Missing
410	1979Q4	PRGDP5	44	0.0	Missing
411	1979Q4	PRGDP6	44	0.0	Missing
412	1979Q4	PRGDP7	44	0.0	Missing
413	1979Q4	PRGDP8	44	5.0	Missing
414	1979Q4	PRGDP9	44	10.0	Missing
415	1979Q4	PRGDP10	44	30.0	Missing
416	1979Q4	PRGDP11	44	30.0	Missing
417	1979Q4	PRGDP12	44	10.0	Missing
418	1979Q4	PRGDP13	44	5.0	Missing
419	1979Q4	PRGDP14	44	0.0	Missing
420	1979Q4	PRGDP15	44	0.0	Missing
421	1980Q1	PRGDP1	31	0.0	Missing
422	1980Q1	PRGDP2	31	0.0	Missing
423	1980Q1	PRGDP3	31	0.0	Missing
424	1980Q1	PRGDP4	31	0.0	Missing
425	1980Q1	PRGDP5	31	0.0	Missing
426	1980Q1	PRGDP6	31	0.0	Missing
427	1980Q1	PRGDP7	31	10.0	Missing
428	1980Q1	PRGDP8	31	25.0	Missing
429	1980Q1	PRGDP9	31	40.0	Missing
430	1980Q1	PRGDP10	31	15.0	Missing
431	1980Q1	PRGDP11	31	0.0	Missing
432	1980Q1	PRGDP12	31	0.0	Missing
433	1980Q1	PRGDP13	31	0.0	Missing
434	1980Q1	PRGDP14	31	0.0	Missing
435	1980Q1	PRGDP15	31	0.0	Missing
436	1980Q1	PRGDP1	70	0.0	Missing
437	1980Q1	PRGDP2	70	0.0	Missing
438	1980Q1	PRGDP3	70	0.0	Missing
439	1980Q1	PRGDP4	70	0.0	Missing
440	1980Q1	PRGDP5	70	0.0	Missing
441	1980Q1	PRGDP6	70	0.0	Missing
442	1980Q1	PRGDP7	70	0.0	Missing
443	1980Q1	PRGDP8	70	10.0	Missing
444	1980Q1	PRGDP9	70	20.0	Missing
445	1980Q1	PRGDP10	70	40.0	Missing
446	1980Q1	PRGDP11	70	15.0	Missing
447	1980Q1	PRGDP12	70	5.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
448	1980Q1	PRGDP13	70	0.0	Missing
449	1980Q1	PRGDP14	70	0.0	Missing
450	1980Q1	PRGDP15	70	0.0	Missing
451	1980Q1	PRPGDP1	87	0.0	Missing
452	1980Q1	PRPGDP2	87	0.0	Missing
453	1980Q1	PRPGDP3	87	0.0	Missing
454	1980Q1	PRPGDP4	87	5.0	Missing
455	1980Q1	PRPGDP5	87	10.0	Missing
456	1980Q1	PRPGDP6	87	25.0	Missing
457	1980Q1	PRPGDP7	87	30.0	Missing
458	1980Q1	PRPGDP8	87	25.0	Missing
459	1980Q1	PRPGDP9	87	15.0	Missing
460	1980Q1	PRPGDP10	87	0.0	Missing
461	1980Q1	PRPGDP11	87	0.0	Missing
462	1980Q1	PRPGDP12	87	0.0	Missing
463	1980Q1	PRPGDP13	87	0.0	Missing
464	1980Q1	PRPGDP14	87	0.0	Missing
465	1980Q1	PRPGDP15	87	0.0	Missing
466	1980Q1	PRPGDP1	145	0.0	Missing
467	1980Q1	PRPGDP2	145	0.0	Missing
468	1980Q1	PRPGDP3	145	0.0	Missing
469	1980Q1	PRPGDP4	145	5.0	Missing
470	1980Q1	PRPGDP5	145	5.0	Missing
471	1980Q1	PRPGDP6	145	5.0	Missing
472	1980Q1	PRPGDP7	145	10.0	Missing
473	1980Q1	PRPGDP8	145	25.0	Missing
474	1980Q1	PRPGDP9	145	35.0	Missing
475	1980Q1	PRPGDP10	145	20.0	Missing
476	1980Q1	PRPGDP11	145	5.0	Missing
477	1980Q1	PRPGDP12	145	0.0	Missing
478	1980Q1	PRPGDP13	145	0.0	Missing
479	1980Q1	PRPGDP14	145	0.0	Missing
480	1980Q1	PRPGDP15	145	0.0	Missing
481	1980Q2	PRPGDP1	31	0.0	Missing
482	1980Q2	PRPGDP2	31	0.0	Missing
483	1980Q2	PRPGDP3	31	0.0	Missing
484	1980Q2	PRPGDP4	31	0.0	Missing
485	1980Q2	PRPGDP5	31	0.0	Missing
486	1980Q2	PRPGDP6	31	5.0	Missing
487	1980Q2	PRPGDP7	31	25.0	Missing
488	1980Q2	PRPGDP8	31	40.0	Missing
489	1980Q2	PRPGDP9	31	20.0	Missing
490	1980Q2	PRPGDP10	31	0.0	Missing
491	1980Q2	PRPGDP11	31	0.0	Missing
492	1980Q2	PRPGDP12	31	0.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
493	1980Q2	PRPGDP13	31	0.0	Missing
494	1980Q2	PRPGDP14	31	0.0	Missing
495	1980Q2	PRPGDP15	31	0.0	Missing
496	1980Q2	PRPGDP1	170	0.0	Missing
497	1980Q2	PRPGDP2	170	0.0	Missing
498	1980Q2	PRPGDP3	170	0.0	Missing
499	1980Q2	PRPGDP4	170	0.0	Missing
500	1980Q2	PRPGDP5	170	1.0	Missing
501	1980Q2	PRPGDP6	170	4.0	Missing
502	1980Q2	PRPGDP7	170	6.0	Missing
503	1980Q2	PRPGDP8	170	20.0	Missing
504	1980Q2	PRPGDP9	170	25.0	Missing
505	1980Q2	PRPGDP10	170	33.0	Missing
506	1980Q2	PRPGDP11	170	8.0	Missing
507	1980Q2	PRPGDP12	170	33.0	Missing
508	1980Q2	PRPGDP13	170	0.0	Missing
509	1980Q2	PRPGDP14	170	0.0	Missing
510	1980Q2	PRPGDP15	170	0.0	Missing
511	1980Q4	PRPGDP1	31	0.0	Missing
512	1980Q4	PRPGDP2	31	0.0	Missing
513	1980Q4	PRPGDP3	31	0.0	Missing
514	1980Q4	PRPGDP4	31	0.0	Missing
515	1980Q4	PRPGDP5	31	0.0	Missing
516	1980Q4	PRPGDP6	31	0.0	Missing
517	1980Q4	PRPGDP7	31	20.0	Missing
518	1980Q4	PRPGDP8	31	40.0	Missing
519	1980Q4	PRPGDP9	31	40.0	Missing
520	1980Q4	PRPGDP10	31	20.0	Missing
521	1980Q4	PRPGDP11	31	0.0	Missing
522	1980Q4	PRPGDP12	31	0.0	Missing
523	1980Q4	PRPGDP13	31	0.0	Missing
524	1980Q4	PRPGDP14	31	0.0	Missing
525	1980Q4	PRPGDP15	31	0.0	Missing
526	1981Q1	PRGDP1	109	0.0	Missing
527	1981Q1	PRGDP2	109	0.0	Missing
528	1981Q1	PRGDP3	109	0.0	Missing
529	1981Q1	PRGDP4	109	0.0	Missing
530	1981Q1	PRGDP5	109	0.0	Missing
531	1981Q1	PRGDP6	109	0.0	Missing
532	1981Q1	PRGDP7	109	15.0	Missing
533	1981Q1	PRGDP8	109	35.0	Missing
534	1981Q1	PRGDP9	109	35.0	Missing
535	1981Q1	PRGDP10	109	10.0	Missing
536	1981Q1	PRGDP11	109	0.0	Missing
537	1981Q1	PRGDP12	109	0.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
538	1981Q1	PRGDP13	109	0.0	Missing
539	1981Q1	PRGDP14	109	0.0	Missing
540	1981Q1	PRGDP15	109	0.0	Missing
541	1981Q2	PRPGDP1	148	0.0	Missing
542	1981Q2	PRPGDP2	148	0.0	Missing
543	1981Q2	PRPGDP3	148	0.0	Missing
544	1981Q2	PRPGDP4	148	25.0	Missing
545	1981Q2	PRPGDP5	148	30.0	Missing
546	1981Q2	PRPGDP6	148	20.0	Missing
547	1981Q2	PRPGDP7	148	20.0	Missing
548	1981Q2	PRPGDP8	148	15.0	Missing
549	1981Q2	PRPGDP9	148	0.0	Missing
550	1981Q2	PRPGDP10	148	0.0	Missing
551	1981Q2	PRPGDP11	148	0.0	Missing
552	1981Q2	PRPGDP12	148	0.0	Missing
553	1981Q2	PRPGDP13	148	0.0	Missing
554	1981Q2	PRPGDP14	148	0.0	Missing
555	1981Q2	PRPGDP15	148	0.0	Missing
556	1981Q3	PRPGDP1	18	0.0	Missing
557	1981Q3	PRPGDP2	18	0.0	Missing
558	1981Q3	PRPGDP3	18	50.0	Missing
559	1981Q3	PRPGDP4	18	37.0	Missing
560	1981Q3	PRPGDP5	18	3.0	Missing
561	1981Q3	PRPGDP6	18	0.0	Missing
562	1981Q3	PRGDP7	68	0.0	Missing
563	1981Q3	PRGDP8	68	0.0	Missing
564	1981Q3	PRGDP9	68	45.0	Missing
565	1981Q3	PRGDP10	68	50.0	Missing
566	1981Q3	PRGDP11	68	0.0	Missing
567	1981Q3	PRGDP12	68	0.0	Missing
568	1981Q4	PRPGDP1	13	25.0	Missing
569	1981Q4	PRPGDP2	13	30.0	Missing
570	1981Q4	PRPGDP3	13	25.0	Missing
571	1981Q4	PRPGDP4	13	12.0	Missing
572	1981Q4	PRPGDP5	13	8.0	Missing
573	1981Q4	PRPGDP6	13	5.0	Missing
574	1981Q4	PRGDP7	19	5.0	Missing
575	1981Q4	PRGDP8	19	10.0	Missing
576	1981Q4	PRGDP9	19	30.0	Missing
577	1981Q4	PRGDP10	19	50.0	Missing
578	1981Q4	PRGDP11	19	50.0	Missing
579	1981Q4	PRGDP12	19	0.0	Missing
580	1981Q4	PRPGDP1	36	0.0	Missing
581	1981Q4	PRPGDP2	36	0.0	Missing
582	1981Q4	PRPGDP3	36	95.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
583	1981Q4	PRPGDP4	36	50.0	Missing
584	1981Q4	PRPGDP5	36	0.0	Missing
585	1981Q4	PRPGDP6	36	0.0	Missing
586	1981Q4	PRPGDP1	39	0.0	Missing
587	1981Q4	PRPGDP2	39	5.0	Missing
588	1981Q4	PRPGDP3	39	90.0	Missing
589	1981Q4	PRPGDP4	39	50.0	Missing
590	1981Q4	PRPGDP5	39	0.0	Missing
591	1981Q4	PRPGDP6	39	0.0	Missing
592	1981Q4	PRPGDP1	47	21.0	Missing
593	1981Q4	PRPGDP2	47	35.0	Missing
594	1981Q4	PRPGDP3	47	55.0	Missing
595	1981Q4	PRPGDP4	47	8.0	Missing
596	1981Q4	PRPGDP5	47	0.0	Missing
597	1981Q4	PRPGDP6	47	0.0	Missing
598	1981Q4	PRPGDP1	54	10.0	Missing
599	1981Q4	PRPGDP2	54	15.0	Missing
600	1981Q4	PRPGDP3	54	40.0	Missing
601	1981Q4	PRPGDP4	54	20.0	Missing
602	1981Q4	PRPGDP5	54	5.0	Missing
603	1981Q4	PRPGDP6	54	0.0	Missing
604	1982Q1	PRGDP1	78	0.0	Missing
605	1982Q1	PRGDP2	78	0.0	Missing
606	1982Q1	PRGDP3	78	0.0	Missing
607	1982Q1	PRGDP4	78	15.0	Missing
608	1982Q1	PRGDP5	78	60.0	Missing
609	1982Q1	PRGDP6	78	35.0	Missing
610	1982Q2	PRGDP7	33	0.0	Missing
611	1982Q2	PRGDP8	33	20.0	Missing
612	1982Q2	PRGDP9	33	40.0	Missing
613	1982Q2	PRGDP10	33	30.0	Missing
614	1982Q2	PRGDP11	33	0.0	Missing
615	1982Q2	PRGDP12	33	0.0	Missing
616	1982Q3	PRGDP7	69	10.0	Missing
617	1982Q3	PRGDP8	69	30.0	Missing
618	1982Q3	PRGDP9	69	50.0	Missing
619	1982Q3	PRGDP10	69	20.0	Missing
620	1982Q3	PRGDP11	69	0.0	Missing
621	1982Q3	PRGDP12	69	0.0	Missing
622	1982Q3	PRGDP7	87	0.0	Missing
623	1982Q3	PRGDP8	87	0.0	Missing
624	1982Q3	PRGDP9	87	10.0	Missing
625	1982Q3	PRGDP10	87	50.0	Missing
626	1982Q3	PRGDP11	87	20.0	Missing
627	1982Q3	PRGDP12	87	10.0	Missing

	Survey Date	Variable	ID	Old Value	New Value
628	1991Q3	PRGDP1	427	0.0	Missing
629	1991Q3	PRGDP2	427	0.0	Missing
630	1991Q3	PRGDP3	427	5.0	Missing
631	1991Q3	PRGDP4	427	40.0	Missing
632	1991Q3	PRGDP5	427	40.0	Missing
633	1991Q3	PRGDP6	427	5.0	Missing

These Changes Were Posted On: November 1, 2006

For the observations on the probability-range variables listed below, we discovered a few cases in which the entry for a bin was entered as missing rather than as zero. The table below identifies the survey date, probability bin, and individual (ID) for these cases. For a definition of the probability variables, see the survey's documentation at the URL:

<http://www.philadelphiafed.org/research-and-data/real-time-center/survey-of-professional-forecasters/spf-documentation.pdf>

	Survey Date	Variable	ID	Old Value	New Value
1	1981Q3	PRPGDP6	13	Missing	0
2	1981Q3	PRPGDP12	13	Missing	0
3	2006Q3	PRGDP7	448	Missing	0
4	2006Q3	PRGDP14	65	Missing	0

This Observation Was Deleted On: November 1, 2006

The observation for panelist 992 in the survey of 1973 Q4 contained missing values for all variables except the probability-range variable PRPGDP15, which had a value of zero. We deleted this individual's observations for all variables from the 1973 Q4 survey, as shown in the table below.

Survey Date	Variable	ID
1973Q4	All variables	992

This Change Was Posted On: February 23, 2007

	Survey Date	Variable	ID	Old Value	New Value
1	2007Q1	COREPCEB	549	0	Missing

These Changes Were Posted On: July 2, 2010

	Survey Date	Variable	ID	Old Value	New Value
1	1979Q3	C PROF1	7	13.6	136
2	1979Q3	C PROF1	8	14.5	145
3	1979Q3	C PROF1	21	13.9	139
4	1979Q3	C PROF1	27	14.4	144
5	1979Q3	C PROF1	31	14.2	142
6	1979Q3	C PROF1	32	13.9	139
7	1979Q3	C PROF1	34	13.8	138
8	1979Q3	C PROF2	7	13.1	131
9	1979Q3	C PROF2	8	14	140
10	1979Q3	C PROF2	21	13.1	131
11	1979Q3	C PROF2	27	13.7	137
12	1979Q3	C PROF2	31	14.7	147
13	1979Q3	C PROF2	32	13.4	134
14	1979Q3	C PROF2	34	13.5	135
15	1979Q3	C PROF3	7	12.6	126
16	1979Q3	C PROF3	8	12.5	125
17	1979Q3	C PROF3	21	12.2	122
18	1979Q3	C PROF3	27	13.4	134
19	1979Q3	C PROF3	31	15	150
20	1979Q3	C PROF3	32	13.1	131
21	1979Q3	C PROF3	34	14	140
22	1979Q3	C PROF4	7	12.2	122
23	1979Q3	C PROF4	8	11.8	118
24	1979Q3	C PROF4	21	11.6	116
25	1979Q3	C PROF4	27	14.1	141
26	1979Q3	C PROF4	31	15	150
27	1979Q3	C PROF4	32	13.2	132
28	1979Q3	C PROF4	34	13.5	135
29	1979Q3	C PROF5	7	12.8	128
30	1979Q3	C PROF5	8	12	120
31	1979Q3	C PROF5	21	12.3	123
32	1979Q3	C PROF5	27	14.7	147
33	1979Q3	C PROF5	31	15.5	155
34	1979Q3	C PROF5	32	13.4	134
35	1979Q3	C PROF5	34	14	140
36	1979Q3	C PROF6	7	13.3	133
37	1979Q3	C PROF6	8	13.2	132
38	1979Q3	C PROF6	21	13.8	138
39	1979Q3	C PROF6	27	15.2	152
40	1979Q3	C PROF6	31	16	160
41	1979Q3	C PROF6	32	13.9	139

	Survey Date	Variable	ID	Old Value	New Value
42	1979Q3	C PROF6	34	14	140
43	1985Q3	INDPROD1	13	164	124
44	1985Q3	INDPROD1	23	166	124
45	1985Q3	INDPROD1	74	167	124
46	1985Q3	INDPROD1	79	165	124
47	1985Q3	INDPROD1	80	166	124
48	1985Q3	INDPROD1	100	166	124
49	1985Q3	INDPROD1	101	167	124
50	1985Q3	INDPROD2	13	163	123
51	1985Q3	INDPROD2	23	169	126
52	1985Q3	INDPROD2	74	168	125
53	1985Q3	INDPROD2	79	166	125
54	1985Q3	INDPROD2	80	167	125
55	1985Q3	INDPROD2	100	168	125
56	1985Q3	INDPROD2	101	168	125
57	1985Q3	INDPROD3	13	164	124
58	1985Q3	INDPROD3	23	171	128
59	1985Q3	INDPROD3	74	169	125
60	1985Q3	INDPROD3	79	167	126
61	1985Q3	INDPROD3	80	168	125
62	1985Q3	INDPROD3	100	170	127
63	1985Q3	INDPROD3	101	170	126
64	1985Q3	INDPROD4	13	166	126
65	1985Q3	INDPROD4	23	173	129
66	1985Q3	INDPROD4	74	171	127
67	1985Q3	INDPROD4	79	167	126
68	1985Q3	INDPROD4	80	169	126
69	1985Q3	INDPROD4	100	171	128
70	1985Q3	INDPROD4	101	171	127
71	1985Q3	INDPROD5	13	167	126
72	1985Q3	INDPROD5	23	174	130
73	1985Q3	INDPROD5	74	172	128
74	1985Q3	INDPROD5	79	167	126
75	1985Q3	INDPROD5	80	170	127
76	1985Q3	INDPROD5	100	172	128
77	1985Q3	INDPROD5	101	172	128
78	1985Q3	INDPROD6	13	170	129
79	1985Q3	INDPROD6	23	174	130
80	1985Q3	INDPROD6	74	170	126
81	1985Q3	INDPROD6	79	166	125
82	1985Q3	INDPROD6	80	172	128
83	1985Q3	INDPROD6	100	171	128
84	1985Q3	INDPROD6	101	172	128
85	1985Q3	INDPRODA	23	168	125
86	1985Q3	INDPRODA	74	168	124

	Survey Date	Variable	ID	Old Value	New Value
87	1985Q3	INDPRODA	79	166	125
88	1985Q3	INDPRODA	80	167	125
89	1985Q3	INDPRODA	100	167	125
90	1985Q3	INDPRODA	101	168	125
91	1985Q3	INDPRODB	23	173	129
92	1985Q3	INDPRODB	74	170	126
93	1985Q3	INDPRODB	79	167	125
94	1985Q3	INDPRODB	80	171	127
95	1985Q3	INDPRODB	100	171	128
96	1985Q3	INDPRODB	101	172	128
97	1985Q4	INDPROD1	13	164	125
98	1985Q4	INDPROD1	59	167	125
99	1985Q4	INDPROD1	65	167	125
100	1985Q4	INDPROD1	80	167	125
101	1985Q4	INDPROD1	94	167	125
102	1985Q4	INDPROD2	13	164	125
103	1985Q4	INDPROD2	59	168	126
104	1985Q4	INDPROD2	65	171	128
105	1985Q4	INDPROD2	80	167	125
106	1985Q4	INDPROD2	94	168	126
107	1985Q4	INDPROD3	13	166	127
108	1985Q4	INDPROD3	59	170	127
109	1985Q4	INDPROD3	65	172	129
110	1985Q4	INDPROD3	80	167	125
111	1985Q4	INDPROD3	94	168	126
112	1985Q4	INDPROD4	13	167	127
113	1985Q4	INDPROD4	59	171	128
114	1985Q4	INDPROD4	65	174	130
115	1985Q4	INDPROD4	80	168	126
116	1985Q4	INDPROD4	94	167	125
117	1985Q4	INDPROD5	13	170	130
118	1985Q4	INDPROD5	59	173	129
119	1985Q4	INDPROD5	65	174	130
120	1985Q4	INDPROD5	80	169	126
121	1985Q4	INDPROD5	94	169	126
122	1985Q4	INDPROD6	13	172	131
123	1985Q4	INDPROD6	59	175	131
124	1985Q4	INDPROD6	65	175	131
125	1985Q4	INDPROD6	80	170	127
126	1985Q4	INDPROD6	94	171	128
127	1985Q4	INDPRODA	13	Missing	124
128	1985Q4	INDPRODA	59	166	125
129	1985Q4	INDPRODA	65	167	125
130	1985Q4	INDPRODA	80	166	124
131	1985Q4	INDPRODA	94	167	125

	Survey Date	Variable	ID	Old Value	New Value
132	1985Q4	INDPRODB	13	Missing	129
133	1985Q4	INDPRODB	59	172	129
134	1985Q4	INDPRODB	65	174	130
135	1985Q4	INDPRODB	80	168	126
136	1985Q4	INDPRODB	94	169	126
137	1987Q1	RFEDGOV1	35	774.1	Missing
138	1987Q1	RFEDGOV2	35	760.5	Missing
139	1987Q1	RFEDGOV3	35	759.9	Missing
140	1987Q1	RFEDGOV4	35	763	Missing
141	1987Q1	RFEDGOV5	35	768.1	Missing
142	1987Q1	RFEDGOV6	35	769.5	Missing
143	1987Q1	RFEDGOVA	35	762.9	Missing
144	1987Q1	RFEDGOVB	35	769.8	Missing
145	1991Q3	HOUSING2	30	4.1	1.12
146	2005Q3	CPROF5	524	11194.21	Missing

These Changes Were Posted On: October 22, 2010

	Survey Date	Variable	ID	Old Value	New Value
1	1970Q4	NGDP5	129	1175	1075
2	1977Q4	NGDP4	78	2174	2074
3	1982Q3	RNRESIN1	62	106.4	166
4	1983Q4	RNRESIN1	62	109	168.7
5	1984Q2	RNRESIN1	75	174	Missing
6	1984Q2	RNRESIN2	75	177	Missing
7	1984Q2	RNRESIN3	75	179	Missing
8	1984Q2	RNRESIN4	5	299	197
9	1984Q2	RNRESIN4	75	180	Missing
10	1984Q2	RNRESIN5	75	183	Missing
11	1984Q2	RNRESIN6	75	185	Missing
12	1984Q2	RNRESINA	75	178	Missing
13	1984Q2	RNRESINB	75	186	Missing
14	1985Q4	NGDP1	60	3516	3916
15	1986Q2	RSLGOV6	68	102	402
16	1987Q1	RCONSUM1	15	2819	Missing
17	1987Q1	RCONSUM1	65	2820	Missing
18	1987Q1	RCONSUM2	15	2844	Missing
19	1987Q1	RCONSUM2	65	2847	Missing
20	1987Q1	RCONSUM3	65	2885	Missing
21	1987Q1	RCONSUM4	15	2926	Missing
22	1987Q1	RCONSUM4	65	2932	Missing
23	1987Q1	RCONSUM5	15	2977	Missing
24	1987Q1	RCONSUM5	65	2984	Missing
25	1987Q1	RCONSUM6	15	3026	Missing
26	1987Q1	RCONSUMA	15	2908	Missing
27	1987Q1	RCONSUMA	65	2912	Missing
28	1987Q1	RCONSUMB	15	3111	Missing
29	1987Q1	RSLGOV1	15	513	Missing
30	1987Q1	RSLGOV1	65	513.3	Missing
31	1987Q1	RSLGOV2	15	518	Missing
32	1987Q1	RSLGOV2	65	517.5	Missing
33	1987Q1	RSLGOV3	15	524	Missing
34	1987Q1	RSLGOV3	65	525	Missing
35	1987Q1	RSLGOV4	15	530	Missing
36	1987Q1	RSLGOV4	65	533.2	Missing
37	1987Q1	RSLGOV5	15	538	Missing
38	1987Q1	RSLGOV5	65	541.5	Missing
39	1987Q1	RSLGOV6	15	546	Missing
40	1987Q1	RSLGOVA	15	527	Missing
41	1987Q1	RSLGOVA	65	529.3	Missing
42	1987Q1	RSLGOVB	15	561	Missing
43	1991Q3	RNRESIN6	84	801	501

	Survey Date	Variable	ID	Old Value	New Value
44	1992Q2	NGDP5	62	6673.2	Missing
45	1992Q2	NGDP6	62	6787.4	Missing
46	1992Q2	NGDPB	62	6845.4	Missing
47	1992Q2	PGDP5	62	127.4	Missing
48	1992Q2	PGDP6	62	128.5	Missing
49	1992Q2	PGDPB	62	129.1	Missing
50	1992Q4	NGDP3	62	6529.9	Missing
51	1992Q4	NGDP4	62	6633.8	Missing
52	1992Q4	NGDP5	62	6739.8	Missing
53	1992Q4	NGDP6	62	6845.4	Missing
54	1992Q4	NGDPB	62	6687.2	Missing
55	1992Q4	PGDP3	62	126.5	Missing
56	1992Q4	PGDP4	62	127.5	Missing
57	1992Q4	PGDP5	62	128.5	Missing
58	1992Q4	PGDP6	62	129.5	Missing
59	1992Q4	PGDPB	62	128	Missing
60	1993Q4	RRESINV5	414	-100.5	Missing
61	1993Q4	RRESINV6	414	-101.295	Missing
62	2004Q4	NGDP6	420	13790	12737

These Changes Were Posted On: August 12, 2011

	Survey Date	Variable	ID	Old Value	New Value
1	1970Q4	RGDP5	129	831.56	760.8
2	1974Q1	INDPROD1	18	125	Missing
3	1974Q1	INDPROD2	18	117	Missing
4	1974Q1	INDPROD3	18	107	Missing
5	1974Q1	INDPROD4	18	99	Missing
6	1974Q1	INDPROD5	18	104	Missing
7	1974Q1	INDPROD6	18	109	Missing
8	1976Q1	INDPROD2	14	128	120
9	1977Q4	NGDP1	111	1870	Missing
10	1977Q4	NGDP2	111	1872	Missing
11	1977Q4	NGDP3	111	1882	Missing
12	1977Q4	NGDP4	111	1856	Missing
13	1977Q4	NGDP5	111	1890	Missing
14	1977Q4	NGDP6	111	1895	Missing
15	1977Q4	RGDP1	111	1314.13	Missing
16	1977Q4	RGDP2	111	1299.10	Missing
17	1977Q4	RGDP3	111	1288.16	Missing
18	1977Q4	RGDP4	78	1459.06	1391.95
19	1977Q4	RGDP4	111	1262.59	Missing
20	1977Q4	RGDP5	111	1272.73	Missing
21	1977Q4	RGDP6	111	1265.02	Missing
22	1981Q3	UNEMPA	66	4.4	7.41
23	1981Q4	RGDPA	74	1557	1507
24	1981Q4	UNEMP1	42	9.2	7.2
25	1981Q4	UNEMPA	42	9.5	7.5
26	1982Q2	RFEDGOV5	16	188	Missing
27	1985Q2	RFEDGOV1	70	218	128
28	1991Q4	BOND1	435	8.61	Missing
29	1991Q4	BOND2	435	8.17	Missing
30	1991Q4	BOND3	435	7.8	Missing
31	1991Q4	BOND4	435	7.8	Missing
32	1991Q4	BOND5	435	8	Missing
33	1991Q4	BOND6	435	8.2	Missing
34	1991Q4	BONDA	435	8.2	Missing
35	1991Q4	BONDB	435	8.2	Missing
36	1991Q4	NGDPA	428	5696.2	5640.6
37	1991Q4	PGDP2	437	142.4	138.1
38	1991Q4	PGDP3	437	143.5	139.2
39	1991Q4	PGDP4	437	144.8	140.2
40	1991Q4	PGDP5	437	146.0	141.2
41	1991Q4	PGDP6	437	147.3	142.3
42	1991Q4	PGDPA	428	137.7	136.4
43	1991Q4	PGDPA	437	140.8	136.6

	Survey Date	Variable	ID	Old Value	New Value
44	1991Q4	PGDPB	428	159.9	139.9
45	1991Q4	PGDPB	437	145.4	140.7
46	1991Q4	RCBIA	408	79.6	-19.6
47	1991Q4	TBILL1	435	5.35	Missing
48	1991Q4	TBILL2	435	4.5	Missing
49	1991Q4	TBILL3	435	4.05	Missing
50	1991Q4	TBILL4	435	4.05	Missing
51	1991Q4	TBILL5	435	4.3	Missing
52	1991Q4	TBILL6	435	4.5	Missing
53	1991Q4	TBILLA	435	4.5	Missing
54	1991Q4	TBILLB	435	4.5	Missing
55	1992Q1	RFEDGOV3	416	327	377
56	1992Q2	RNRESIN2	35	593	510.3
57	1992Q3	NGDP4	62	6605.7	Missing
58	1992Q3	NGDP5	62	6716.6	Missing
59	1992Q3	NGDP6	62	6829.7	Missing
60	1992Q3	NGDPA	84	6928	5928
61	1992Q3	NGDPB	62	6773.6	Missing
62	1992Q3	PGDP4	62	127.4	Missing
63	1992Q3	PGDP5	62	128.4	Missing
64	1992Q3	PGDP6	62	129.4	Missing
65	1992Q3	PGDPB	62	128.9	Missing
66	1992Q4	RFEDGOVA	442	386.7	375.4
67	1992Q4	RFEDGOVB	442	389.5	378
68	1992Q4	RNRESINA	440	526.7	510.9
69	1992Q4	RNRESINB	440	548.8	530.6
70	1992Q4	RSLGOVA	442	550.5	561.9
71	1992Q4	RSLGOVB	442	554.3	565.8
72	1993Q4	RCBIA	448	99	15.5
73	1993Q4	RCBIB	448	Missing	10
74	1993Q4	REXPORTA	448	Missing	-74.6
75	1995Q3	INDPRODA	94	128.4	121.2
76	1995Q3	INDPRODB	94	131.5	124.2
77	1995Q3	RCONSUMA	468	3782.6	3678.5
78	1995Q3	RCONSUMB	468	3862.1	3755.7
79	1995Q3	RSLGOVA	446	607.1	602.6
80	1995Q4	CPI5	407	7	3.7
81	1995Q4	RCONSUMA	461	3624	3686.3
82	1995Q4	RFEDGOV5	461	387	337
83	1995Q4	RGDPA	99	5364	5508.78
84	1995Q4	RGDPB	99	5368	5638
85	1995Q4	RNRESINA	461	745	769.3
86	1995Q4	RNRESINB	461	815	820.8
87	1995Q4	RSLGOVA	484	573.5	597.8
88	1995Q4	RSLGOVB	484	587.3	611.1

	Survey Date	Variable	ID	Old Value	New Value
89	1995Q4	TBILLA	433	4.49	5.5
90	1996Q2	RCONSUM2	423	4887.8	4687.6
91	1996Q3	RNRESINA	451	804.3	752.9
92	1996Q3	RNRESINB	451	826.8	773.9
93	1999Q4	RCONSUMA	508	6072.4	5983.6
94	1999Q4	RNRESINA	421	1280	1230.8
95	2005Q2	RSLGOVA	508	1282	1237.4
96	2005Q3	EMPA	527	135220	133720
97	2005Q4	EMPA	433	135419	133612.3
98	2005Q4	EMPB	433	137424	135419
99	2006Q4	RFEDGOV1	550	739.8	Missing
100	2006Q4	RFEDGOV2	550	782.7	Missing
101	2006Q4	RFEDGOV3	550	804.7	Missing
102	2006Q4	RFEDGOV4	550	812.7	Missing
103	2006Q4	RFEDGOV5	550	833.4	Missing
104	2006Q4	RFEDGOV6	550	854.6	Missing
105	2006Q4	RFEDGOVA	550	751	Missing
106	2006Q4	RFEDGOVB	550	826.4	Missing
107	2007Q1	EMP1	520	136051	Missing
108	2007Q1	EMP2	520	130000	Missing
109	2007Q1	EMP3	520	125000	Missing
110	2007Q1	EMP4	520	120000	Missing
111	2007Q1	EMP5	520	120000	Missing
112	2007Q1	EMP6	520	125000	Missing
113	2007Q1	EMPA	520	123750	Missing
114	2007Q4	INDPROD1	555	117	Missing
115	2007Q4	INDPROD2	555	117.9	Missing
116	2007Q4	INDPROD3	555	118.8	Missing
117	2007Q4	INDPROD4	555	119.9	Missing
118	2007Q4	INDPROD5	555	120.9	Missing
119	2007Q4	INDPROD6	555	122.1	Missing
120	2007Q4	INDPRODA	555	115.1	Missing
121	2007Q4	INDPRODB	555	120.4	Missing
122	2007Q4	RCONSUMA	484	8237.2	8276.4
123	2007Q4	RCONSUMB	484	8410.1	8443.9
124	2007Q4	RGDP1	555	11336.7	Missing
125	2007Q4	RGDP2	555	11395.5	Missing
126	2007Q4	RGDP3	555	11412.6	Missing
127	2007Q4	RGDP4	555	11520.1	Missing
128	2007Q4	RGDP5	555	11630.7	Missing
129	2007Q4	RGDP6	555	11703.3	Missing
130	2007Q4	RGDPA	555	11416.23	Missing
131	2007Q4	RGDPB	555	11566.68	Missing
132	2007Q4	TBONDA	510	4.4	4.67
133	2008Q2	RGDPA	530	11589.9	11669.3

	Survey Date	Variable	ID	Old Value	New Value
134	2008Q3	NGDPA	528	13473.21	14373.36
135	2008Q3	NGDPB	528	13637.6	Missing
136	2008Q4	INDPRODA	512	100.2	110.23
137	2008Q4	RCONSUMA	484	8142.12	8279.88
138	2008Q4	RCONSUMB	484	7891.67	8019.3
139	2008Q4	RGDPA	484	11524.3	11683.4
140	2008Q4	RGDPB	484	11409.1	11479.5
141	2008Q4	RSLGOVA	433	1354.68	1276.71
142	2008Q4	RSLGOVB	433	1403.45	1307.45
143	2009Q4	RSLGOV2	557	1642.5	1542.5
144	2009Q4	RSLGOV3	557	1673.7	1573.7
145	2009Q4	RSLGOV4	557	1705.5	1605.5
146	2009Q4	RSLGOV5	557	1729.5	1629.5
147	2009Q4	RSLGOV6	557	1753.8	1653.8
148	2009Q4	RSLGOVA	557	1565.8	1541.9
149	2009Q4	RSLGOVB	557	1711.3	1615.6
150	2010Q1	RFEDGOV2	557	967.1	1067.1
151	2010Q1	RFEDGOV3	557	973.9	1073.9
152	2010Q1	RFEDGOV4	557	979.7	1079.7
153	2010Q1	RFEDGOV5	557	984.7	1084.7
154	2010Q1	RFEDGOV6	557	990.1	1090.1
155	2010Q1	RFEDGOVA	557	976.3	1076.3
156	2010Q1	RFEDGOVB	557	998.3	1098.3
157	2010Q1	RSLGOV2	557	1647.3	1547.3
158	2010Q1	RSLGOV3	557	1658.9	1558.9
159	2010Q1	RSLGOV4	557	1668.9	1568.9
160	2010Q1	RSLGOV5	557	1677.3	1577.3
161	2010Q1	RSLGOV6	557	1686.5	1586.5
162	2010Q1	RSLGOVA	557	1663.1	1563.1
163	2010Q1	RSLGOVB	557	1700.5	1600.5
164	2010Q2	TBOND2	520	5.1	Missing
165	2010Q2	TBOND3	520	5.25	Missing
166	2010Q2	TBOND4	520	5.5	Missing
167	2010Q2	TBOND5	520	5.7	Missing
168	2010Q2	TBOND6	520	5.9	Missing
169	2010Q4	EMP2	523	127264.7	130664.8
170	2010Q4	EMP3	523	124548.2	131038.4
171	2010Q4	EMP4	523	122103.4	131404.7
172	2010Q4	EMP5	523	119903.1	131764.5
173	2010Q4	EMP6	523	117922.8	132118.2
174	2010Q4	EMPA	523	129409.2	130259.2
175	2010Q4	EMPB	523	121119.4	131581.5
176	2010Q4	TBOND2	520	4.45	Missing
177	2010Q4	TBOND3	520	4.55	Missing
178	2010Q4	TBOND4	520	4.65	Missing

	Survey Date	Variable	ID	Old Value	New Value
179	2010Q4	TBOND5	520	4.9	Missing
180	2010Q4	TBOND6	520	5.15	Missing
181	2010Q4	TBONDA	520	3.61	Missing
182	2010Q4	TBONDB	520	4.81	Missing

These Changes Were Posted On: November 9, 2012

	Survey Date	Variable	ID	Old Value	New Value
1	1969Q3	INDPROD2	150	179	174
2	1969Q3	INDPROD3	150	185	176
3	1969Q3	INDPROD4	150	195	178
4	1969Q3	INDPROD5	150	208	181
5	1981Q4	HOUSINGA	5	1.34	1.11
6	1981Q4	RCONSUMA	82	906	961.3
7	1981Q4	RGDP2	25	1412	1493
8	1981Q4	RNRESIN1	62	206.1	Missing
9	1981Q4	RNRESIN2	62	198	Missing
10	1981Q4	RNRESIN3	62	196	Missing
11	1981Q4	RNRESIN4	62	200	Missing
12	1981Q4	RNRESIN5	62	209	Missing
13	1981Q4	RNRESIN6	62	217	Missing
14	1981Q4	RNRESINA	53	207	161.03
15	1981Q4	RNRESINA	62	161.5	Missing
16	1981Q4	RNRESINB	53	205	160.8
17	1981Q4	RNRESINB	62	162.2	Missing
18	1982Q1	PGDP1	68	Missing	199.6
19	1983Q2	PGDPA	80	226.2	216.5
20	1983Q2	PGDPB	80	237.4	227.2
21	1983Q4	INDPROD2	13	159	153
22	1983Q4	INDPROD3	13	167	155
23	1983Q4	INDPROD4	13	176	157
24	1983Q4	INDPROD5	13	184	159
25	1983Q4	INDPROD6	13	191	161
26	1983Q4	INDPRODA	13	Missing	147
27	1983Q4	INDPRODB	13	Missing	158
28	1983Q4	UNEMPA	40	8.1	9.65
29	1983Q4	UNEMPB	40	7.2	7.97
30	1984Q2	NGDPA	95	3976	3646.3
31	1984Q2	NGDPB	95	4357	3976
32	1985Q2	NGDPA	41	4936	3936
33	1990Q4	NGDPA	407	5585.1	5479.6
34	1990Q4	NGDPB	407	5664.6	5785.9
35	1990Q4	UNEMPA	425	9.4	5.4
36	1991Q1	PGDP2	422	140.8	135.3
37	1991Q1	PGDP3	422	141.6	136.7
38	1991Q1	PGDP4	422	142.3	137.4
39	1991Q1	PGDP5	422	143.6	138.1
40	1991Q1	PGDP6	422	144.8	139.2
41	1991Q1	PGDPA	422	142.1	136.9
42	1991Q1	PGDPB	422	146.5	140.7
43	1991Q2	CPIA	408	8.5	3.4

	Survey Date	Variable	ID	Old Value	New Value
44	1991Q2	RCONSUM3	438	2777.1	2700.1
45	1991Q2	RCONSUMA	438	2589.7	2689.7
46	1991Q3	BONDA	408	7.1	8.84
47	1991Q3	BONDB	408	6.9	Missing
48	1991Q3	CPIA	408	4.3	3.17
49	1991Q3	PGDPA	421	131.5	136.7
50	1991Q3	PGDPB	421	136.7	Missing
51	1991Q3	RFEDGOV1	414	447	Missing
52	1991Q3	RFEDGOV2	414	446	Missing
53	1991Q3	RFEDGOV3	414	444	Missing
54	1991Q3	RFEDGOV4	414	445	Missing
55	1991Q3	RFEDGOV5	414	445	Missing
56	1991Q3	RFEDGOV6	414	444	Missing
57	1991Q3	RFEDGOVA	414	445	Missing
58	1991Q3	RFEDGOVB	414	444	Missing
59	1991Q3	RRESINV1	414	193	Missing
60	1991Q3	RRESINV2	414	200	Missing
61	1991Q3	RRESINV3	414	208	Missing
62	1991Q3	RRESINV4	414	216	Missing
63	1991Q3	RRESINV5	414	227	Missing
64	1991Q3	RRESINV6	414	239	Missing
65	1991Q3	RRESINVA	414	198	Missing
66	1991Q3	RRESINVB	414	233	Missing
67	1991Q4	INDPRODA	423	109.8	107.1
68	1992Q1	CPIA	409	Missing	3.55
69	1992Q1	CPROFA	409	Missing	189.5
70	1992Q1	HOUSINGA	409	Missing	1.2
71	1992Q1	INDPRODA	409	Missing	109
72	1992Q1	PGDPA	409	Missing	120.13
73	1992Q1	RCBIA	409	Missing	5.75
74	1992Q1	RCONSUMA	409	Missing	3299
75	1992Q1	REXPORTA	409	Missing	-22.5
76	1992Q1	RFEDGOV2	409	318	368
77	1992Q1	RFEDGOVA	409	Missing	367.8
78	1992Q1	RGDPA	409	Missing	4899
79	1992Q1	RNRESINA	409	Missing	507
80	1992Q1	RRESINVA	409	Missing	190.5
81	1992Q1	RSLGOVA	409	Missing	551.5
82	1992Q1	TBILLA	409	Missing	3.99
83	1992Q1	TBOND4	409	8.0	7.8
84	1992Q1	TBONDA	409	Missing	7.7
85	1992Q1	UNEMPA	409	Missing	7.4
86	1992Q2	RSLGOV3	40	501.8	561.8
87	1992Q3	RNRESINA	440	540.7	514.7
88	1992Q3	RNRESINB	440	586.7	558.4

	Survey Date	Variable	ID	Old Value	New Value
89	1992Q4	HOUSINGA	407	1.122	1.213
90	1992Q4	INDPROD4	411	113.3	111.3
91	1992Q4	INDPRODA	411	112	108.4
92	1992Q4	INDPRODB	411	117.2	112
93	1992Q4	TBONDA	413	7.4	7.03
94	1993Q1	RCONSUMA	444	3139.5	3439.5
95	1993Q3	RCONSUMA	437	3314	3409
96	1993Q3	RCONSUMB	437	3409	Missing
97	1993Q3	RSLGOV1	439	565.8	Missing
98	1993Q3	RSLGOV2	439	598.9	Missing
99	1993Q3	RSLGOV3	439	603.6	Missing
100	1993Q3	RSLGOV4	439	614.7	Missing
101	1993Q3	RSLGOV5	439	619.6	Missing
102	1993Q3	RSLGOV6	439	598.9	Missing
103	1993Q3	RSLGOVA	439	548.1	Missing
104	1993Q3	RSLGOVB	439	573.9	Missing
105	1993Q4	RFEDGOVA	422	371.9	356.1
106	1993Q4	RFEDGOVB	422	372.3	351.9
107	1994Q2	RSLGOVB	414	793	614
108	1995Q2	RCONSUM2	462	3566.2	3666.2
109	1995Q3	RGDPA	454	5445.5	5496.3
110	1995Q3	RGDPB	454	5581.7	5633.7
111	1995Q4	BONDA	433	6.64	Missing
112	1995Q4	BONDB	433	6.41	Missing
113	1995Q4	RFEDGOVA	461	335	327.4
114	1995Q4	RFEDGOVB	461	337	336
115	1996Q1	INDPRODA	94	110.1	123.9
116	1996Q4	RSLGOVA	481	792.5	803.6
117	1996Q4	RSLGOVB	481	794.9	820.5
118	1999Q4	RGDPA	505	8748	8839.8
119	2002Q4	RSLGOV2	40	1148.6	1110.5
120	2002Q4	RSLGOV3	40	1152.3	1114.08
121	2002Q4	RSLGOV4	40	1159.6	1121.14
122	2002Q4	RSLGOV5	40	1167.1	1128.39
123	2002Q4	RSLGOV6	40	1175.9	1136.9
124	2002Q4	RSLGOVA	40	1110.2	1100.7
125	2002Q4	RSLGOVB	40	1163.7	1125.12
126	2003Q1	PGDP1	512	111.24	Missing
127	2003Q1	PGDP2	512	110.1	Missing
128	2003Q1	PGDP3	512	110.5	Missing
129	2003Q1	PGDP4	512	110.8	Missing
130	2003Q1	PGDP5	512	111.3	Missing
131	2003Q1	PGDP6	512	112.1	Missing
132	2003Q2	RCBIA	525	10	Missing
133	2003Q2	RCBIB	525	5	Missing

	Survey Date	Variable	ID	Old Value	New Value
134	2003Q2	RCONSUMA	525	6700	Missing
135	2003Q2	RCONSUMB	525	6950	Missing
136	2003Q2	REXPORTA	525	-450	Missing
137	2003Q2	REXPORTB	525	-500	Missing
138	2003Q2	RFEDGOVA	525	630	Missing
139	2003Q2	RFEDGOVB	525	660	Missing
140	2003Q2	RGDPA	525	9725	Missing
141	2003Q2	RGDPB	525	10100	Missing
142	2003Q2	RNRESINA	525	1190	Missing
143	2003Q2	RNRESINB	525	1250	Missing
144	2003Q2	RRESINVA	525	420	Missing
145	2003Q2	RRESINVB	525	400	Missing
146	2003Q2	RSLGOVA	525	1050	Missing
147	2003Q2	RSLGOVB	525	1100	Missing
148	2004Q4	RCONSUM2	99	7921	7723.6
149	2004Q4	RCONSUMA	99	Missing	7624.5
150	2004Q4	RCONSUMB	99	Missing	7910
151	2005Q4	RNRESINA	99	1263	1284.7
152	2007Q3	NGDPA	548	13851.1	13822.9
153	2007Q3	PGDPA	548	118.95	119.3
154	2007Q3	RCONSUMA	548	8338.9	8308
155	2007Q3	RGDPA	548	11645.1	11585.6
156	2007Q3	RSLGOVA	548	1285.99	1274.6
157	2007Q4	EMP1	421	137430	138162
158	2007Q4	EMP2	421	137793	138526.7
159	2007Q4	EMP3	421	138192	138927.9
160	2007Q4	EMP4	421	138525	139262.7
161	2007Q4	EMP5	421	138885	139624.7
162	2007Q4	EMP6	421	139320	140061.7
163	2007Q4	EMPA	421	137314	138000
164	2007Q4	EMPB	421	138731	139469.3
165	2007Q4	PGDPA	507	117.47	119.66
166	2008Q4	PGDPA	553	125.225	122.617
167	2008Q4	PGDPB	553	123.2	125.225
168	2008Q4	UNEMPA	407	6.1	5.68
169	2009Q4	RFEDGOV1	557	1043.1	Missing
170	2009Q4	RFEDGOV2	557	964.2	Missing
171	2009Q4	RFEDGOV3	557	982.6	Missing
172	2009Q4	RFEDGOV4	557	1001.3	Missing
173	2009Q4	RFEDGOV5	557	1015.3	Missing
174	2009Q4	RFEDGOV6	557	1029.6	Missing
175	2009Q4	RFEDGOVA	557	1006.1	Missing
176	2009Q4	RFEDGOVB	557	1004.7	Missing
177	2010Q3	INDPROD1	518	92.1	Missing
178	2010Q3	INDPROD2	518	102.9	Missing

	Survey Date	Variable	ID	Old Value	New Value
179	2010Q3	INDPROD3	518	103.6	Missing
180	2010Q3	INDPROD4	518	104.6	Missing
181	2010Q3	INDPROD5	518	105.4	Missing
182	2010Q3	INDPROD6	518	105.9	Missing
183	2010Q3	INDPRODA	518	102.5	Missing
184	2010Q3	INDPRODB	518	105.6	Missing
185	2011Q3	EMP1	542	105000	130997
186	2011Q3	EMP2	523	137197.6	131408.6
187	2011Q3	EMP2	542	125000	131372
188	2011Q3	EMP3	523	149598.8	131857.4
189	2011Q3	EMP3	542	150000	131822
190	2011Q3	EMP4	523	155799.4	132324.8
191	2011Q3	EMP4	542	180000	132362
192	2011Q3	EMP5	523	158899.7	132801.5
193	2011Q3	EMP5	542	200000	132962
194	2011Q3	EMP6	523	160449.9	133282.8
195	2011Q3	EMP6	542	230000	133652
196	2011Q3	EMPA	463	135584.1	131096.8
197	2011Q3	EMPA	523	139264.5	131203
198	2011Q3	EMPA	542	127637.3	131185
199	2011Q3	EMPB	463	138110.2	Missing
200	2011Q3	EMPB	523	159093.5	Missing
201	2011Q3	EMPB	542	213000	Missing

These Changes Were Posted On: July 3, 2013

	Survey Date	Variable	ID	Old Value	New Value
1	1979Q3	PRGDP8	170	22	22.5
2	1979Q3	PRGDP9	170	30	32
3	1979Q3	PRGDP10	170	25	25.5
4	1980Q1	PRGDP8	77	10	10.25
5	1980Q1	PRGDP9	77	15	15.5
6	1980Q1	PRGDP10	77	20	21
7	1980Q1	PRGDP11	77	25	26
8	1980Q1	PRGDP12	77	8	8.25
9	1981Q2	PRGDP4	118	15	14.5
10	1981Q2	PRGDP5	118	25	24.5
11	1981Q2	PRGDP6	118	25	24.5
12	1981Q2	PRGDP7	118	15	14.5
13	1982Q2	PRPGDP7	40	0	Missing
14	1982Q2	PRPGDP8	40	1	Missing
15	1982Q2	PRPGDP9	40	12	Missing
16	1982Q2	PRPGDP10	40	62	Missing
17	1982Q2	PRPGDP11	40	14	Missing
18	1982Q2	PRPGDP12	40	1	Missing
19	1982Q3	PRPGDP7	35	0	Missing
20	1982Q3	PRPGDP8	35	0	Missing
21	1982Q3	PRPGDP9	35	0	Missing
22	1982Q3	PRPGDP10	35	50	Missing
23	1982Q3	PRPGDP11	35	40	Missing
24	1982Q3	PRPGDP12	35	0	Missing
25	1982Q3	PRGDP9	51	45	43
26	2007Q2	PRCCPI10	549	Missing	0
27	2007Q2	PRCCPI20	549	Missing	0
28	2007Q2	PRCPCE10	549	Missing	0
29	2007Q2	PRCPCE20	549	Missing	0
30	2007Q2	PRGDP10	549	Missing	0
31	2007Q2	PRGDP20	549	Missing	0
32	2007Q2	PRPGDP10	549	Missing	0
33	2007Q2	PRPGDP20	549	Missing	0
34	2008Q1	PRCPCE9	484	Missing	0
35	2008Q4	PRGDP2	553	0	0.75
36	2008Q4	PRGDP4	553	0	1.25
37	2008Q4	PRGDP5	553	8	7.5
38	2008Q4	PRGDP6	553	70	69
39	2008Q4	PRGDP7	553	13	12.5
40	2009Q3	PRCCPI4	512	Missing	0
41	2011Q1	PRUNEMP4	423	60	58.636
42	2011Q4	PRCCPI2	433	Missing	0
43	2011Q4	PRGDP9	559	Missing	0

	Survey Date	Variable	ID	Old Value	New Value
44	2011Q4	PRPGDP9	559	Missing	0
45	2011Q4	PRUNEMP6	559	Missing	0
46	2011Q4	PRUNEMP7	559	Missing	0
47	2011Q4	PRUNEMP30	559	Missing	0
48	2012Q1	PRCCPI17	433	Missing	0
49	2012Q1	PRGDP32	484	Missing	0
50	2012Q1	PRPGDP19	433	Missing	0
51	2012Q3	PRPGDP10	512	Missing	0
52	2013Q2	PRGDP9	532	Missing	0
53	2013Q2	PRGDP10	532	Missing	0

Fixed an Error in MeanGrowth.xls: July 8, 2015

Summary: In July 2015, we discovered an error in the file for the growth of the mean forecasts for the levels of SPF variables. The error was in the file labeled MeanGrowth.xls. The error affected no other files, even other files having growth rates. Note also that the error in no way affected the data that have been reported in our survey newsletters: The survey newsletters have correct data in all tables.

Details: Beginning with the files that we released for the fourth-quarter survey of 2014 (published on November 17, 2014), we incorrectly reported data in the file labeled MeanGrowth.xls. The file was supposed to report the growth rates of the mean forecasts for levels of SPF variables, but it instead reported growth rates for the median forecasts for levels.

Corrections: On July 8, 2015, we fixed the problem in MeanGrowth.xls and posted the correction on our website.

**Fixed Errors in Dispersion_1.xlsx, Dispersion_3.xlsx, and Dispersion_UBAR.xlsx:
November 30, 2017**

Summary: The 25th and 75th percentile statistics for UBAR (the natural rate of unemployment) in the dispersion files were computed on an internal dataset that included the responses of those who reported that they use UBAR in preparing their forecasts and those who reported that they do not. Our dispersion files should have excluded the effect of the responses of forecasters who reported a UBAR estimate but said they do not use UBAR in their models. We re-computed the UBAR dispersion statistics and posted the updated files to our website.

Corrections: On November 30, 2017, we corrected the following files:

1. “UBAR” worksheet in Dispersion_1.xlsx;
2. “UBAR” worksheet in Dispersion_3.xlsx;
3. “D1” and “D3” worksheets in Dispersion_UBAR.xlsx.