

INCOME BOTTOM THIRD

TABLE 23 NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS (Three Month Moving Averages)

The questions were: "During the last few months, have you heard of any favorable or unfavorable changes in business conditions?" and "What did you hear?"

May add to more than 100% due to multiple mentions.

<u>Date of Survey</u>	<u>Favorable News</u>	<u>Unfavorable News</u>	<u>No Mentions</u>	<u>Relative</u>
December 1979	9	60	52	49
January 1980	10	61	51	49
February 1980	10	57	53	53
March 1980	10	53	57	57
April 1980	10	53	56	57
May 1980	9	63	51	47
June 1980	9	76	43	33
July 1980	11	83	37	27
August 1980	15	75	40	40
September 1980	17	64	44	52
October 1980	14	62	45	53
November 1980	14	54	51	60
December 1980	12	52	54	59
January 1981	14	46	58	68
February 1981	15	46	56	69
March 1981	19	46	54	73
April 1981	18	47	55	71
May 1981	20	46	55	74
June 1981	17	41	59	76
July 1981	17	37	62	80
August 1981	17	40	61	77
September 1981	18	46	58	71
October 1981	19	50	54	69
November 1981	15	56	53	59
December 1981	14	61	51	53
January 1982	11	68	48	43
February 1982	12	76	44	36
March 1982	14	80	40	33
April 1982	14	82	39	32
May 1982	15	75	42	40
June 1982	15	71	44	43
July 1982	15	71	43	44
August 1982	14	74	40	40
September 1982	17	74	38	43
October 1982	20	71	38	49
November 1982	25	71	37	54
December 1982	24	75	36	49
January 1983	26	74	36	53
February 1983	27	67	39	61
March 1983	36	53	41	83
April 1983	43	47	42	96
May 1983	53	39	40	115
June 1983	55	37	39	118
July 1983	54	34	40	120
August 1983	48	34	44	114
September 1983	45	30	51	115
October 1983	39	26	56	113
November 1983	35	26	57	110
December 1983	35	25	56	110

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TABLE 23 NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS (Three Month Moving Averages)

<u>Date of Survey</u>	<u>Favorable News</u>	<u>Unfavorable News</u>	<u>No Mentions</u>	<u>Relative</u>
January 1984	42	26	52	115
February 1984	44	22	54	121
March 1984	43	26	53	117
April 1984	38	25	57	113
May 1984	39	31	54	108
June 1984	37	33	52	104
July 1984	36	34	51	103
August 1984	33	33	52	99
September 1984	34	32	53	102
October 1984	32	33	54	99
November 1984	30	33	56	97
December 1984	27	33	58	94
January 1985	24	37	57	87
February 1985	28	39	54	89
March 1985	28	43	53	84
April 1985	29	43	54	86
May 1985	24	41	58	83
June 1985	23	37	60	86
July 1985	24	34	59	90
August 1985	22	38	58	84
September 1985	21	43	55	78
October 1985	19	46	56	73
November 1985	23	44	56	79
December 1985	24	40	58	84
January 1986	24	39	58	85
February 1986	22	41	57	81
March 1986	21	45	56	76
April 1986	27	46	52	81
May 1986	31	41	52	90
June 1986	33	39	50	93
July 1986	27	36	54	92
August 1986	26	39	54	86
September 1986	21	39	58	83
October 1986	19	43	58	76
November 1986	16	41	62	75
December 1986	14	46	59	68
January 1987	15	46	57	69
February 1987	18	43	57	75
March 1987	22	37	59	85
April 1987	22	36	60	86
May 1987	20	41	59	78
June 1987	22	47	53	76
July 1987	25	46	52	79
August 1987	28	44	51	84
September 1987	24	35	57	89
October 1987	18	37	59	81
November 1987	15	46	56	69
December 1987	14	58	51	55
January 1988	16	63	46	53
February 1988	18	54	49	64
March 1988	19	48	51	71
April 1988	21	37	58	84
May 1988	20	40	56	80
June 1988	23	33	60	90
July 1988	22	37	58	85

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TABLE 23 NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS (Three Month Moving Averages)

<u>Date of Survey</u>	<u>Favorable News</u>	<u>Unfavorable News</u>	<u>No Mentions</u>	<u>Relative</u>
August 1988	22	32	61	90
September 1988	24	39	55	85
October 1988	24	41	54	83
November 1988	23	38	57	85
December 1988	24	35	59	89
January 1989	22	36	58	86
February 1989	23	43	54	80
March 1989	19	45	55	74
April 1989	20	44	55	76
May 1989	20	44	57	76
June 1989	17	42	59	75
July 1989	16	35	62	80
August 1989	15	30	65	85
September 1989	19	27	65	92
October 1989	18	29	65	89
November 1989	20	29	62	90
December 1989	17	35	62	82
January 1990	19	38	61	81
February 1990	15	40	62	75
March 1990	17	43	56	74
April 1990	18	41	57	77
May 1990	17	40	59	77
June 1990	15	39	61	76
July 1990	13	41	62	72
August 1990	13	50	55	63
September 1990	12	50	58	61
October 1990	10	57	53	53
November 1990	9	51	59	58
December 1990	8	58	53	50
January 1991	6	65	50	42
February 1991	6	73	44	33
March 1991	9	71	45	38
April 1991	12	63	48	49
May 1991	16	54	53	62
June 1991	20	48	54	72
July 1991	25	51	52	74
August 1991	25	52	48	73
September 1991	21	54	50	67
October 1991	15	52	53	63
November 1991	13	57	54	56
December 1991	13	66	50	47
January 1992	14	74	45	40
February 1992	14	78	43	36
March 1992	16	72	43	44
April 1992	16	61	49	55
May 1992	18	50	53	68
June 1992	22	47	51	75
July 1992	26	51	47	75
August 1992	25	58	43	67
September 1992	20	60	49	60
October 1992	16	64	50	52
November 1992	15	57	55	58
December 1992	18	51	57	67
January 1993	24	44	57	80

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TABLE 23 NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS (Three Month Moving Averages)

<u>Date of Survey</u>	<u>Favorable News</u>	<u>Unfavorable News</u>	<u>No Mentions</u>	<u>Relative</u>
February 1993	33	42	53	91
March 1993	32	47	50	86
April 1993	29	47	52	82
May 1993	21	50	55	71
June 1993	18	44	59	74
July 1993	16	46	59	70
August 1993	17	46	61	72
September 1993	18	54	56	64
October 1993	18	53	56	66
November 1993	23	50	52	73
December 1993	27	46	51	81
January 1994	32	46	47	86
February 1994	33	46	48	87
March 1994	32	41	52	92
April 1994	30	37	56	94
May 1994	30	35	59	95
June 1994	29	33	60	95
July 1994	28	29	60	99
August 1994	23	35	58	88
September 1994	25	36	58	89
October 1994	26	36	58	89
November 1994	27	29	62	98
December 1994	26	31	62	95
January 1995	24	30	65	94
February 1995	23	32	64	92
March 1995	21	34	64	87
April 1995	19	36	62	84
May 1995	21	32	65	89
June 1995	21	31	65	90
July 1995	23	36	61	87
August 1995	19	40	61	79
September 1995	17	40	62	76
October 1995	15	36	66	79
November 1995	14	36	65	78
December 1995	16	34	65	83
January 1996	13	38	65	75
February 1996	15	35	64	80
March 1996	19	39	60	80
April 1996	23	34	60	89
May 1996	25	39	54	86
June 1996	21	35	59	85
July 1996	21	35	58	86
August 1996	21	32	63	89
September 1996	23	30	62	93
October 1996	22	34	60	89
November 1996	23	32	60	91
December 1996	27	31	58	96
January 1997	28	27	60	101
February 1997	30	23	62	107
March 1997	26	28	62	98
April 1997	24	29	61	95
May 1997	22	35	59	87
June 1997	25	31	59	94
July 1997	25	26	60	99
August 1997	25	23	62	102

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TABLE 23 NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS (Three Month Moving Averages)

<u>Date of Survey</u>	<u>Favorable News</u>	<u>Unfavorable News</u>	<u>No Mentions</u>	<u>Relative</u>
September 1997	24	26	61	98
October 1997	25	29	58	96
November 1997	25	33	56	92
December 1997	24	30	60	94
January 1998	28	29	59	99
February 1998	28	23	61	105
March 1998	30	19	62	111
April 1998	24	17	67	107
May 1998	22	17	67	104
June 1998	18	23	65	95
July 1998	19	25	62	94
August 1998	19	27	63	92
September 1998	18	29	62	89
October 1998	17	33	61	84
November 1998	15	37	58	79
December 1998	17	41	54	75
January 1999	19	39	53	80
February 1999	20	37	54	83
March 1999	22	30	58	92
April 1999	19	31	60	88
May 1999	19	28	62	91
June 1999	20	26	64	94
July 1999	19	22	66	96
August 1999	18	25	64	93
September 1999	17	29	61	88
October 1999	16	28	64	88
November 1999	19	27	64	93
December 1999	21	22	68	98
January 2000	23	20	67	103
February 2000	22	20	67	102
March 2000	19	24	66	95
April 2000	18	28	65	90
May 2000	16	28	65	88
June 2000	16	29	64	87
July 2000	15	28	64	86
August 2000	13	30	64	83
September 2000	11	28	66	83
October 2000	9	29	66	81
November 2000	9	27	69	83
December 2000	12	31	65	81
January 2001	11	41	60	71
February 2001	12	50	53	62
March 2001	12	59	46	53
April 2001	11	59	48	51
May 2001	10	65	44	45
June 2001	7	63	48	44
July 2001	13	56	47	57
August 2001	12	54	50	58
September 2001	13	60	47	53
October 2001	9	77	41	32
November 2001	9	77	41	32
December 2001	8	80	38	28
January 2002	8	74	40	34
February 2002	11	78	36	33

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<u>Date of Survey</u>	<u>Favorable News</u>	<u>Unfavorable News</u>	<u>No Mentions</u>	<u>Relative</u>
March 2002	14	71	39	43
April 2002	20	65	41	56
May 2002	18	58	47	60
June 2002	16	58	47	58
July 2002	9	67	47	42
August 2002	10	73	41	37
September 2002	11	78	41	33
October 2002	12	75	42	37
November 2002	11	72	47	39
December 2002	11	68	49	42
January 2003	13	68	48	45
February 2003	12	65	49	47
March 2003	13	71	45	42
April 2003	10	71	48	39
May 2003	14	71	44	43
June 2003	13	61	51	52
July 2003	18	52	52	67
August 2003	18	49	53	69
September 2003	20	49	49	70
October 2003	18	52	49	66
November 2003	22	48	50	74
December 2003	25	46	51	79
January 2004	30	42	49	88
February 2004	25	49	48	77
March 2004	23	52	46	70
April 2004	20	58	45	62
May 2004	20	53	49	67
June 2004	23	51	48	72
July 2004	25	45	49	80
August 2004	28	48	45	80
September 2004	24	50	48	73
October 2004	18	54	49	64
November 2004	17	48	54	69
December 2004	19	39	58	80
January 2005	19	37	60	82
February 2005	20	35	60	85
March 2005	19	39	59	80
April 2005	20	40	59	80
May 2005	18	46	56	72
June 2005	14	43	59	72
July 2005	19	44	56	75
August 2005	20	45	55	74
September 2005	20	57	49	63
October 2005	14	62	49	52
November 2005	13	64	48	49
December 2005	16	62	48	54
January 2006	19	58	49	61
February 2006	17	53	53	64
March 2006	13	51	57	62
April 2006	15	50	56	65
May 2006	15	53	54	62
June 2006	17	54	51	64
July 2006	12	54	55	59
August 2006	11	51	58	61
September 2006	13	46	60	67

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<u>Date of Survey</u>		<u>Favorable News</u>	<u>Unfavorable News</u>	<u>No Mentions</u>	<u>Relative</u>
October	2006	17	44	58	73
November	2006	23	41	56	81
December	2006	21	40	58	82
January	2007	23	38	57	85
February	2007	20	42	56	78
March	2007	21	47	52	73
April	2007	16	52	54	64
May	2007	16	52	54	64
June	2007	17	49	55	68
July	2007	19	50	52	69
August	2007	18	53	51	65
September	2007	16	61	49	55
October	2007	14	67	47	47
November	2007	15	72	46	43
December	2007	15	72	45	42
January	2008	14	71	45	43
February	2008	13	72	43	41
March	2008	10	78	40	33
April	2008	11	87	36	24
May	2008	10	89	36	21
June	2008	10	92	36	18
July	2008	8	88	40	20
August	2008	7	89	39	18
September	2008	8	85	41	23
October	2008	11	91	37	20
November	2008	14	94	34	20
December	2008	14	101	30	13
January	2009	14	98	32	16
February	2009	12	104	30	8
March	2009	12	102	31	10
April	2009	14	100	30	14
May	2009	20	86	35	35
June	2009	23	80	36	43
July	2009	24	75	38	50
August	2009	22	74	39	48
September	2009	27	65	39	63
October	2009	29	63	39	67
November	2009	29	61	39	68
December	2009	29	67	39	62
January	2010	31	65	39	66
February	2010	32	66	39	66
March	2010	32	62	41	69
April	2010	33	64	39	69
May	2010	38	62	38	77
June	2010	36	62	37	74
July	2010	31	63	41	68
August	2010	27	62	43	65
September	2010	28	60	44	68
October	2010	27	57	45	69
November	2010	29	56	45	73
December	2010	31	55	44	76
January	2011	34	52	44	82
February	2011	37	48	45	89
March	2011	33	54	44	79

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TABLE 23 NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS (Three Month Moving Averages)

<u>Date of Survey</u>		<u>Favorable News</u>	<u>Unfavorable News</u>	<u>No Mentions</u>	<u>Relative</u>
April	2011	31	55	46	76
May	2011	27	61	45	66
June	2011	28	58	46	70
July	2011	26	58	48	68
August	2011	19	66	48	53
September	2011	19	68	47	50
October	2011	18	71	45	47
November	2011	22	66	45	56
December	2011	26	59	46	67
January	2012	31	55	45	76
February	2012	35	49	46	87
March	2012	35	50	47	86
April	2012	34	51	47	83
May	2012	35	49	47	86
June	2012	37	47	47	90
July	2012	38	46	46	92
August	2012	34	48	47	86
September	2012	33	47	49	85
October	2012	33	43	52	90
November	2012	37	45	49	92
December	2012	36	48	47	88
January	2013	38	54	43	84
February	2013	37	51	44	86
March	2013	42	51	41	91
April	2013	39	46	45	92
May	2013	39	47	45	92
June	2013	37	42	49	95
July	2013	42	42	47	100
August	2013	41	42	49	99
September	2013	37	49	47	88
October	2013	31	52	48	79
November	2013	28	59	46	68
December	2013	28	58	47	70
January	2014	29	59	46	69
February	2014	30	62	44	68
March	2014	28	67	41	61
April	2014	26	65	42	61
May	2014	26	60	46	66
June	2014	27	54	49	73
July	2014	33	55	46	78
August	2014	32	54	47	78
September	2014	31	55	47	76
October	2014	26	53	49	73
November	2014	33	50	47	83
December	2014	40	44	47	96
January	2015	51	39	44	112
February	2015	52	37	45	115
March	2015	49	43	43	107
April	2015	41	41	48	100
May	2015	36	42	50	93
June	2015	35	36	55	99
July	2015	34	42	52	92
August	2015	35	44	49	91
September	2015	31	51	45	80
October	2015	29	51	47	78

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TABLE 23 NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS (Three Month Moving Averages)

<u>Date of Survey</u>	<u>Favorable News</u>	<u>Unfavorable News</u>	<u>No Mentions</u>	<u>Relative</u>
November 2015	26	50	49	76
December 2015	28	51	51	77
January 2016	27	57	47	71
February 2016	28	61	45	66
March 2016	25	58	48	67
April 2016	24	58	50	66
May 2016	27	51	50	76
June 2016	30	53	47	77
July 2016	30	50	48	80
August 2016	27	51	51	75
September 2016	23	44	57	79
October 2016	25	43	57	82
November 2016	24	38	58	86
December 2016	28	41	54	87
January 2017	39	39	48	100
February 2017	48	44	40	105
March 2017	52	47	36	105
April 2017	50	51	36	99
May 2017	47	54	38	93
June 2017	44	58	37	86
July 2017	40	52	42	88
August 2017	34	49	47	85
September 2017	38	44	48	95
October 2017	38	47	46	91
November 2017	43	47	44	96
December 2017	41	50	43	90
January 2018	43	50	42	93
February 2018	45	52	39	93
March 2018	47	49	41	98
April 2018	48	51	40	97
May 2018	48	51	41	96
June 2018	47	53	41	94
July 2018	42	57	40	85
August 2018	36	63	39	73
September 2018	34	64	40	70
October 2018	37	57	43	80
November 2018	41	50	45	91
December 2018	39	53	44	86
January 2019	35	60	42	75
February 2019	31	63	42	68
March 2019	33	55	45	78
April 2019	38	49	46	89
May 2019	39	46	46	93
June 2019	39	50	44	89
July 2019	37	51	45	86
August 2019	35	53	45	82
September 2019	36	58	42	78
October 2019	35	61	40	74
November 2019	35	64	40	71
December 2019	34	60	43	74
January 2020	38	56	44	83
February 2020	40	52	44	88
March 2020	38	58	42	80
April 2020	27	81	35	46

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TABLE 23
NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS
(Three Month Moving Averages)

<u>Date of Survey</u>	<u>Favorable News</u>	<u>Unfavorable News</u>	<u>No Mentions</u>	<u>Relative</u>
May 2020	20	107	25	14
June 2020	17	122	17	-5
July 2020	21	120	17	1
August 2020	21	112	20	9
September 2020	25	108	21	17
October 2020	24	101	24	23
November 2020	28	96	26	31
December 2020	27	92	28	35
January 2021	25	97	27	28
February 2021	25	95	29	30
March 2021	31	85	30	46
April 2021	39	71	33	67
May 2021	51	64	29	87
June 2021	51	70	26	81
July 2021	49	77	24	72
August 2021	45	78	28	66
September 2021	39	77	32	61
October 2021	37	79	31	58
November 2021	30	89	30	41
December 2021	31	89	30	42
January 2022	31	93	28	38
February 2022	31	91	28	40
March 2022	30	95	26	35
April 2022	29	91	29	38
May 2022	29	87	31	42
June 2022	27	83	33	44
July 2022	22	88	34	34
August 2022	20	91	33	29
September 2022	23	93	31	30
October 2022	28	86	31	42
November 2022	28	80	34	48
December 2022	26	76	36	50