

REGION NORTH CENTRAL

TABLE 13

EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR
(Three Month Moving Averages)

The questions were: "During the next 12 months, do you expect your (family) income to be higher or lower than during the past year?" and "By about what percent do you expect your (family) income to increase during the next 12 months?"

Date of Survey	EXPECT INCREASE							Same	Down	DK, NA	Total	Median	Cases
	1-2%	3-4%	5%	6-9%	10-24%	25% +	DK Up						
June 1980	2	3	8	9	28	4	7	22	12	3	100	5.7	506
July 1980	2	3	8	10	22	3	9	24	18	3	100	2.7	513
August 1980	2	3	8	13	19	3	9	25	18	1	100	2.8	487
September 1980	1	4	6	18	15	4	8	25	17	2	100	3.3	481
October 1980	2	4	6	18	18	5	7	25	12	2	100	5.5	459
November 1980	2	3	8	14	24	6	6	23	11	3	100	6.1	485
December 1980	3	3	8	11	23	6	7	24	12	3	100	4.9	502
January 1981	3	4	8	9	25	5	8	22	13	2	100	5	521
February 1981	5	5	7	12	18	5	9	22	15	2	100	4.1	518
March 1981	3	4	9	11	20	5	10	21	16	1	100	4.7	521
April 1981	4	3	9	12	21	5	8	24	14	1	100	4.7	523
May 1981	2	3	10	11	26	5	7	22	13	2	100	5.5	551
June 1981	3	3	10	10	25	5	8	21	12	2	100	5.4	567
July 1981	2	3	9	10	23	8	7	21	13	3	100	5	581
August 1981	3	2	8	10	20	7	8	27	13	2	100	4.2	593
September 1981	2	3	8	11	18	7	6	29	13	2	100	3.8	597
October 1981	3	2	11	11	19	5	6	28	13	1	100	4.2	598
November 1981	2	3	9	10	21	8	5	25	15	1	100	4.7	591
December 1981	3	2	8	10	23	8	5	23	16	2	100	5.2	587
January 1982	3	3	8	10	24	7	5	21	17	3	100	5.1	601
February 1982	3	2	9	12	22	5	4	23	17	3	100	4.4	624
March 1982	3	3	10	10	19	5	5	24	19	3	100	3.1	642
April 1982	2	3	10	9	16	6	5	25	21	3	100	1.8	619
May 1982	2	3	11	10	15	6	5	25	21	3	100	2	592
June 1982	2	4	11	12	15	5	4	24	21	2	100	2.7	571
July 1982	3	4	9	12	16	6	4	27	19	2	100	2.5	579
August 1982	3	5	7	11	14	6	4	29	19	2	100	1.4	580
September 1982	3	4	5	11	15	6	4	34	15	2	100	0.2	599
October 1982	3	5	7	11	15	7	5	31	15	2	100	1.1	613
November 1982	3	5	9	9	17	7	5	29	15	2	100	2.4	610
December 1982	4	5	10	8	19	7	5	25	16	2	100	4.1	602
January 1983	3	5	11	8	18	6	4	25	17	3	100	3.7	579
February 1983	4	5	11	7	16	6	4	27	19	2	100	2.4	562
March 1983	3	6	10	7	14	5	5	29	19	2	100	1.1	549
April 1983	3	4	11	9	15	6	6	27	18	2	100	2.1	575
May 1983	2	5	12	8	17	6	6	26	17	2	100	2.9	595
June 1983	2	5	12	9	17	7	4	26	15	2	100	3.7	615
July 1983	2	6	12	8	15	8	3	28	16	1	100	2.5	579
August 1983	3	5	12	8	12	9	4	30	16	1	100	1.8	542
September 1983	4	4	11	6	13	9	5	29	19	1	100	0.9	509
October 1983	4	5	10	6	12	9	5	29	18	1	100	0.9	538
November 1983	5	7	11	6	13	7	5	28	16	1	100	1.6	582
December 1983	4	8	12	8	13	7	4	28	14	2	100	2.6	581
January 1984	3	9	12	7	15	7	5	28	12	3	100	3.2	537
February 1984	3	9	13	10	15	7	4	26	12	2	100	3.8	513
March 1984	6	9	13	8	15	8	5	24	10	2	100	3.9	528
April 1984	7	8	13	8	14	9	6	22	12	1	100	3.9	579
May 1984	6	7	12	6	13	11	7	24	12	2	100	3.4	604
June 1984	4	8	12	8	13	10	5	24	14	1	100	3.2	589

REGION NORTH CENTRAL

TABLE 13

EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR
(Three Month Moving Averages)

Date of Survey	EXPECT INCREASE							Same	Down	DK, NA	Total	Median	Cases
	1-2%	3-4%	5%	6-9%	10-24%	25% +	DK Up						
July 1984	4	10	13	8	13	8	5	24	14	2	100	3.1	545
August 1984	5	11	12	8	13	7	4	22	15	3	100	3.2	568
September 1984	5	10	13	8	15	6	5	23	14	2	100	3.6	634
October 1984	5	9	12	8	18	7	4	22	13	2	100	4.1	706
November 1984	5	7	13	8	18	9	4	23	14	0	100	4.3	699
December 1984	5	7	12	6	17	10	5	23	14	1	100	3.9	683
January 1985	5	7	11	7	16	8	4	24	15	1	100	3.3	590
February 1985	6	8	11	6	17	7	4	25	15	2	100	2.9	562
March 1985	6	7	10	7	17	6	2	27	16	1	100	2.7	535
April 1985	5	7	10	6	18	8	2	29	15	1	100	2.8	585
May 1985	4	9	9	7	16	7	3	30	15	1	100	2.7	586
June 1985	4	8	11	7	15	9	3	28	14	1	100	3	614
July 1985	4	9	12	8	12	9	3	28	15	1	100	2.9	598
August 1985	5	8	12	8	13	9	3	27	15	1	100	3.1	600
September 1985	4	8	11	9	13	8	4	27	15	1	100	3	547
October 1985	6	10	9	8	15	8	4	25	15	1	100	3	537
November 1985	6	12	7	8	14	7	3	27	14	1	100	2.6	522
December 1985	7	12	8	8	13	7	4	27	14	1	100	2.7	566
January 1986	6	11	11	7	14	7	5	26	13	1	100	3	609
February 1986	6	11	13	7	13	6	5	24	13	1	100	3.2	649
March 1986	5	13	13	6	13	7	3	25	15	1	100	2.7	611
April 1986	6	12	12	7	14	6	1	24	17	1	100	2.5	574
May 1986	6	10	11	7	14	6	1	25	19	1	100	2.1	535
June 1986	7	8	11	7	15	6	2	25	18	1	100	2.5	582
July 1986	6	9	12	6	15	6	2	26	17	1	100	2.4	630
August 1986	5	10	14	5	15	7	3	25	15	1	100	2.9	669
September 1986	5	8	14	5	14	6	3	26	17	0	100	2.4	621
October 1986	5	7	14	6	13	6	4	26	19	0	100	2.1	579
November 1986	6	7	14	6	12	6	3	27	17	1	100	2	536
December 1986	8	7	15	7	11	6	4	27	14	1	100	2.5	554
January 1987	10	9	15	6	11	5	3	26	13	1	100	2.4	555
February 1987	9	9	13	6	15	5	3	27	13	1	100	2.4	568
March 1987	11	9	10	6	16	4	4	26	14	1	100	2.1	529
April 1987	9	10	8	7	16	5	4	26	14	0	100	2.4	513
May 1987	10	10	8	7	14	6	4	24	17	1	100	2	495
June 1987	8	11	8	8	14	5	3	25	17	0	100	2.2	507
July 1987	8	11	8	9	14	4	3	26	15	0	100	2.2	520
August 1987	7	13	8	9	17	3	3	27	13	0	100	2.8	507
September 1987	7	12	10	6	16	5	3	29	11	1	100	2.6	495
October 1987	6	13	10	6	13	6	3	28	13	1	100	2.7	433
November 1987	6	12	13	7	12	6	2	27	14	2	100	2.8	418
December 1987	7	12	12	9	11	5	3	23	18	1	100	2.7	416
January 1988	7	12	13	8	12	4	3	23	17	1	100	2.8	465
February 1988	7	12	13	8	12	5	4	23	17	1	100	2.9	476
March 1988	6	10	13	9	13	6	3	27	13	1	100	3	468
April 1988	7	9	12	7	13	6	3	30	12	1	100	1	426
May 1988	8	9	10	7	12	5	3	29	16	1	100	0.5	414
June 1988	7	10	10	6	13	4	4	27	18	1	100	0.5	425
July 1988	5	12	12	7	13	3	4	24	18	2	100	2.6	462
August 1988	3	12	12	9	13	3	6	27	13	1	100	3	476
September 1988	2	12	11	10	14	4	6	28	12	1	100	3.3	491
October 1988	6	10	12	7	15	5	6	28	11	1	100	2.9	474
November 1988	7	10	13	7	13	6	5	25	13	1	100	3	465
December 1988	10	11	13	6	13	5	4	22	13	2	100	2.8	443

REGION NORTH CENTRAL
TABLE 13
EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR
(Three Month Moving Averages)

<u>Date of Survey</u>	<u>EXPECT INCREASE</u>							<u>Same</u>	<u>Down</u>	<u>DK, NA</u>	<u>Total</u>	<u>Median</u>	<u>Cases</u>
	<u>1-2%</u>	<u>3-4%</u>	<u>5%</u>	<u>6-9%</u>	<u>10-24%</u>	<u>25% +</u>	<u>DK Up</u>						
January 1989	7	10	11	9	11	6	5	23	15	2	100	2.6	452
February 1989	9	8	12	10	12	7	4	23	14	2	100	2.9	450
March 1989	9	6	13	9	11	7	4	27	13	1	100	2.7	451
April 1989	8	9	13	8	15	6	4	25	11	0	100	3.4	446
May 1989	5	12	10	6	15	6	5	26	14	1	100	2.9	454
June 1989	6	11	11	6	14	6	5	26	14	1	100	2.5	454
July 1989	6	10	11	5	11	6	6	27	15	1	100	2	447
August 1989	6	10	11	7	13	6	5	28	13	1	100	2.2	428
September 1989	6	12	10	6	15	6	4	26	15	1	100	2.6	428
October 1989	5	12	11	6	15	6	3	28	13	2	100	2.8	445
November 1989	5	13	11	4	15	6	6	24	14	1	100	2.9	463
December 1989	4	11	13	5	14	6	6	27	12	0	100	2.6	448
January 1990	6	11	13	6	16	5	6	23	13	0	100	2.8	415
February 1990	7	11	13	7	15	4	4	26	13	1	100	2.7	391
March 1990	7	12	11	7	15	4	4	25	14	1	100	2.5	396
April 1990	5	11	10	7	16	4	4	30	12	1	100	2.4	424
May 1990	6	9	10	7	15	5	6	31	11	0	100	2.2	444
June 1990	7	8	10	8	15	6	5	29	12	0	100	2.7	448
July 1990	8	9	11	8	15	8	4	25	12	0	100	3.4	431
August 1990	7	9	10	9	16	9	3	21	15	1	100	3.5	413
September 1990	7	10	11	9	15	8	3	24	13	1	100	3.2	394
October 1990	7	12	9	8	13	5	4	26	16	1	100	2.4	396
November 1990	6	12	10	5	13	4	4	27	17	0	100	2.1	409
December 1990	7	12	12	4	14	5	3	24	18	1	100	2.5	420
January 1991	6	11	13	3	13	7	3	26	17	1	100	2.6	417
February 1991	8	11	14	4	12	7	4	23	15	1	100	2.8	398
March 1991	8	10	12	7	11	7	4	26	13	1	100	2.6	390
April 1991	9	12	11	9	11	6	3	24	13	1	100	2.7	397
May 1991	6	11	8	9	11	6	4	31	13	1	100	1.8	413
June 1991	4	12	10	6	11	8	4	29	16	1	100	2	414
July 1991	3	8	11	5	13	9	4	30	16	1	100	2	400
August 1991	5	10	13	6	10	9	2	29	16	0	100	2.4	386
September 1991	9	9	14	7	11	7	2	29	12	1	100	2.4	391
October 1991	10	11	15	6	9	6	3	27	13	1	100	2.1	408
November 1991	9	10	14	6	10	6	3	29	12	1	100	2.3	418
December 1991	7	11	12	5	10	7	3	30	15	1	100	1.9	429
January 1992	7	10	11	5	10	7	3	33	15	1	100	1.3	426
February 1992	6	10	10	3	9	8	3	31	19	0	100	0.9	429
March 1992	5	11	10	4	10	7	3	31	19	1	100	1.2	416
April 1992	7	13	9	4	12	7	3	26	18	1	100	1.9	399
May 1992	7	12	10	4	13	6	3	26	17	1	100	2.1	399
June 1992	9	12	10	5	13	5	3	28	14	1	100	1.9	405
July 1992	7	11	10	6	10	5	4	30	14	2	100	1.7	424
August 1992	9	11	11	6	9	5	5	30	12	2	100	1.6	428
September 1992	8	10	12	6	9	6	5	26	17	1	100	1.8	429
October 1992	9	11	13	4	10	6	3	27	16	0	100	1.9	418
November 1992	9	12	13	4	10	9	2	23	17	1	100	2.6	387
December 1992	9	13	12	3	13	9	3	26	13	1	100	2.8	370
January 1993	7	13	13	4	12	8	3	27	12	1	100	2.9	356
February 1993	4	14	13	4	10	6	4	30	13	2	100	2.6	364
March 1993	4	14	13	4	8	7	3	31	14	2	100	2.4	377
April 1993	4	12	11	4	10	9	2	32	14	2	100	1.8	379
May 1993	5	13	9	5	12	7	2	32	14	1	100	1.7	387

REGION NORTH CENTRAL
TABLE 13
EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR
(Three Month Moving Averages)

Date of Survey	EXPECT INCREASE							Same	Down	DK, NA	Total	Median	Cases
	1-2%	3-4%	5%	6-9%	10-24%	25% +	DK Up						
June 1993	6	12	8	6	12	6	4	31	15	0	100	1.5	363
July 1993	9	12	11	6	9	4	3	29	18	0	100	1.1	359
August 1993	8	11	12	5	6	5	2	30	20	1	100	0.1	359
September 1993	8	14	10	5	7	4	2	28	21	2	100	0.4	378
October 1993	7	15	8	5	9	6	4	26	18	2	100	1.3	387
November 1993	9	13	9	6	11	5	5	24	18	2	100	2.2	384
December 1993	10	11	10	5	11	6	5	25	16	2	100	2.1	393
January 1994	9	9	11	4	12	5	3	26	16	3	100	1.8	390
February 1994	10	11	10	4	12	9	3	26	14	2	100	2	386
March 1994	9	12	10	4	9	11	2	27	16	1	100	1.6	372
April 1994	9	14	9	4	10	11	3	23	15	1	100	2.3	378
May 1994	7	15	11	4	11	7	4	25	16	1	100	2.3	391
June 1994	8	14	9	4	14	6	4	26	14	1	100	2.6	402
July 1994	9	13	9	4	12	5	4	32	13	0	100	1.3	401
August 1994	12	12	8	3	12	4	4	34	11	1	100	1	408
September 1994	10	11	10	3	11	6	3	33	12	1	100	1.2	399
October 1994	10	12	11	3	12	6	4	30	11	1	100	2.2	392
November 1994	6	14	11	3	11	7	5	30	11	1	100	2.5	382
December 1994	6	16	9	4	12	6	6	28	11	1	100	2.7	389
January 1995	7	15	12	4	11	7	6	26	12	0	100	2.7	385
February 1995	9	14	13	4	12	6	4	26	13	0	100	2.7	386
March 1995	10	12	15	4	10	7	4	26	12	0	100	2.6	374
April 1995	10	13	12	4	11	6	3	28	13	1	100	2	374
May 1995	10	13	12	4	12	6	4	26	13	1	100	2.1	371
June 1995	11	13	10	5	12	4	3	25	15	1	100	1.9	370
July 1995	11	15	9	4	12	6	3	25	14	1	100	2.4	382
August 1995	10	14	9	5	11	7	4	26	14	0	100	2.3	395
September 1995	8	13	9	4	12	7	4	28	14	1	100	2.1	391
October 1995	8	13	10	5	14	5	5	27	13	1	100	2.5	385
November 1995	8	17	10	4	13	3	5	27	11	1	100	2.6	375
December 1995	10	18	10	5	13	4	4	27	9	1	100	2.9	399
January 1996	9	18	10	4	13	5	3	28	10	1	100	2.6	403
February 1996	9	14	10	5	14	6	3	27	13	1	100	2.5	399
March 1996	8	15	10	5	14	7	4	24	15	0	100	2.6	388
April 1996	9	13	11	7	12	6	4	23	14	1	100	2.5	381
May 1996	8	13	12	6	11	5	5	27	12	1	100	2.3	383
June 1996	9	11	12	4	11	4	5	33	10	2	100	1.5	378
July 1996	8	10	10	3	15	5	4	34	11	1	100	1.6	380
August 1996	10	9	9	3	13	8	4	29	13	1	100	1.7	384
September 1996	11	11	10	4	16	8	4	23	12	0	100	2.6	398
October 1996	11	16	10	4	12	9	3	23	12	0	100	2.7	402
November 1996	10	16	10	3	15	7	3	26	9	1	100	2.8	401
December 1996	13	15	10	3	13	8	1	26	10	1	100	2.6	398
January 1997	16	13	11	5	12	7	2	23	10	2	100	2.5	397
February 1997	15	13	11	5	12	8	3	22	11	1	100	2.7	393
March 1997	11	13	11	4	12	8	3	25	11	1	100	2.7	397
April 1997	9	16	11	4	14	7	3	25	9	1	100	2.9	403
May 1997	11	14	9	4	14	8	3	25	10	0	100	2.6	404
June 1997	11	15	10	5	14	7	2	23	12	0	100	2.7	405
July 1997	12	14	10	4	11	7	2	28	12	0	100	2.1	395
August 1997	12	16	12	4	9	6	2	27	12	0	100	2.3	386
September 1997	13	14	11	3	7	7	2	30	11	1	100	1.8	381
October 1997	14	11	11	4	8	8	3	27	13	1	100	2	392
November 1997	13	12	10	4	9	7	5	27	11	1	100	2.1	403

REGION NORTH CENTRAL

TABLE 13
EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR
(Three Month Moving Averages)

Date of Survey	EXPECT INCREASE							Same	Down	DK, NA	Total	Median	Cases
	1-2%	3-4%	5%	6-9%	10-24%	25% +	DK Up						
December 1997	10	15	10	4	12	6	5	26	10	1	100	2.5	386
January 1998	9	18	9	2	14	6	4	28	8	0	100	2.8	384
February 1998	8	19	11	2	15	7	5	25	7	1	100	3.1	370
March 1998	10	17	11	2	16	7	5	23	8	1	100	3.1	384
April 1998	11	16	12	4	14	6	6	23	7	1	100	3.1	365
May 1998	12	14	12	4	13	6	6	24	8	1	100	2.7	385
June 1998	13	13	13	5	9	7	6	26	8	1	100	2.5	370
July 1998	12	13	12	5	10	6	5	27	8	1	100	2.5	382
August 1998	11	11	14	4	9	7	4	29	10	1	100	2.1	364
September 1998	10	13	12	5	9	6	3	29	11	1	100	2.2	377
October 1998	10	14	14	5	10	6	2	26	12	1	100	2.4	364
November 1998	11	16	11	7	12	6	2	24	11	2	100	2.8	377
December 1998	11	17	13	7	12	6	2	20	11	1	100	3	371
January 1999	12	16	13	5	10	7	2	23	12	1	100	2.6	378
February 1999	11	17	13	4	11	6	1	26	10	1	100	2.6	366
March 1999	12	14	9	3	13	7	2	28	11	2	100	2.2	367
April 1999	13	13	9	3	13	6	2	27	11	2	100	2	368
May 1999	12	14	9	3	12	7	2	28	13	1	100	1.8	370
June 1999	9	13	9	4	13	6	1	31	13	0	100	1.5	375
July 1999	7	15	6	6	14	5	1	29	16	0	100	1.8	382
August 1999	9	17	7	7	15	5	3	25	13	0	100	2.3	385
September 1999	11	18	7	7	14	7	2	21	13	0	100	2.9	379
October 1999	13	17	7	6	14	7	2	23	10	0	100	2.6	381
November 1999	14	15	6	5	12	7	2	26	11	1	100	2.2	388
December 1999	15	14	8	5	9	6	4	28	9	1	100	2	409
January 2000	12	16	11	5	8	5	5	27	10	1	100	2.3	420
February 2000	10	16	14	4	11	5	5	26	9	1	100	2.7	421
March 2000	9	16	14	7	12	4	3	21	14	1	100	2.9	395
April 2000	10	14	13	6	14	6	3	19	13	1	100	3.2	382
May 2000	10	15	11	7	14	6	3	19	13	2	100	3.1	387
June 2000	11	16	11	5	17	4	3	22	11	1	100	3	402
July 2000	10	16	11	7	15	3	2	24	11	1	100	2.8	402
August 2000	11	16	11	7	13	4	3	23	12	0	100	2.8	391
September 2000	10	19	10	6	10	6	3	24	11	0	100	2.8	395
October 2000	11	19	10	6	12	5	2	22	12	0	100	2.8	397
November 2000	11	19	11	5	12	6	2	22	12	1	100	2.8	391
December 2000	13	14	11	5	11	6	2	24	12	1	100	2.3	370
January 2001	13	14	10	5	9	6	3	27	11	2	100	2.1	382
February 2001	10	16	10	7	9	5	3	26	13	1	100	2.3	387
March 2001	7	20	8	6	11	4	4	25	15	1	100	2.7	402
April 2001	7	19	9	6	10	7	4	24	16	1	100	2.6	389
May 2001	9	18	7	4	12	5	3	25	15	1	100	2.4	388
June 2001	9	17	8	3	11	6	3	26	15	1	100	2.2	368
July 2001	11	17	8	3	11	5	2	27	15	1	100	2.1	377
August 2001	10	17	9	3	11	6	2	26	14	1	100	2.3	382
September 2001	10	15	8	4	11	5	4	27	14	1	100	2	389
October 2001	9	15	8	4	11	5	5	29	12	1	100	2	378
November 2001	10	12	7	4	11	5	5	30	14	1	100	1.4	370
December 2001	9	15	9	4	11	6	3	27	14	2	100	2.1	382
January 2002	9	16	9	5	12	4	3	24	15	3	100	2.2	394
February 2002	7	16	11	7	13	6	2	23	12	2	100	3.2	395
March 2002	10	14	12	6	12	5	3	23	14	2	100	2.9	380
April 2002	11	12	12	5	12	8	2	23	14	0	100	3	377

REGION NORTH CENTRAL
TABLE 13
EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR
(Three Month Moving Averages)

Date of Survey	EXPECT INCREASE							Same	Down	DK, NA	Total	Median	Cases
	1-2%	3-4%	5%	6-9%	10-24%	25% +	DK Up						
May 2002	12	11	11	4	12	7	3	25	14	1	100	2.4	369
June 2002	10	14	9	4	14	8	3	24	13	1	100	2.7	389
July 2002	8	18	12	4	14	5	4	22	12	1	100	2.9	377
August 2002	9	22	11	4	11	5	3	21	12	1	100	3	389
September 2002	10	19	13	4	11	6	4	22	11	1	100	2.9	369
October 2002	11	17	10	3	11	5	3	27	12	1	100	2	371
November 2002	12	13	12	3	9	5	4	26	15	1	100	1.8	366
December 2002	12	12	12	3	7	6	3	25	18	1	100	1.6	389
January 2003	13	11	15	4	7	7	4	20	18	1	100	2.3	381
February 2003	15	11	13	4	8	6	4	22	16	1	100	2.1	381
March 2003	15	11	13	4	11	5	4	21	17	1	100	2.1	370
April 2003	15	13	9	4	11	6	4	21	16	0	100	2	377
May 2003	12	15	10	3	11	7	3	20	18	1	100	2.2	378
June 2003	11	17	9	3	11	9	3	20	16	0	100	2.5	387
July 2003	9	17	12	3	11	8	2	19	18	1	100	2.8	392
August 2003	11	14	13	4	12	6	2	19	19	1	100	2.7	412
September 2003	13	12	12	4	13	4	3	22	17	1	100	2.4	391
October 2003	14	13	9	3	13	4	3	26	14	1	100	2	388
November 2003	13	15	7	2	14	5	4	28	11	1	100	2	386
December 2003	12	17	8	2	14	6	3	23	14	0	100	2.2	388
January 2004	11	16	11	3	16	5	3	20	15	0	100	2.7	391
February 2004	12	18	11	2	15	6	3	18	16	0	100	2.6	392
March 2004	15	15	10	3	14	7	2	21	13	0	100	2.4	390
April 2004	17	14	8	4	12	7	1	22	15	1	100	2.1	381
May 2004	17	14	8	4	11	7	1	24	13	1	100	2.1	392
June 2004	15	15	8	4	11	7	1	25	14	1	100	2.2	400
July 2004	16	17	7	2	11	7	1	24	13	1	100	2.2	381
August 2004	16	16	8	3	10	8	1	22	14	1	100	2.2	366
September 2004	16	17	8	3	10	8	2	20	16	1	100	2.3	368
October 2004	15	15	9	4	12	8	2	20	14	1	100	2.4	391
November 2004	13	16	8	4	12	7	2	22	13	1	100	2.5	398
December 2004	12	17	9	4	11	8	2	26	10	2	100	2.5	408
January 2005	10	21	10	4	8	9	2	26	9	1	100	2.6	398
February 2005	11	19	11	4	9	7	3	24	12	0	100	2.5	383
March 2005	13	18	12	3	9	5	3	23	14	0	100	2.3	374
April 2005	13	15	11	3	9	5	3	23	18	0	100	2	397
May 2005	16	17	11	4	7	5	2	22	16	0	100	2.1	413
June 2005	18	17	9	5	8	6	1	21	16	0	100	2	422
July 2005	15	18	8	5	10	6	2	20	16	0	100	2.3	428
August 2005	15	15	7	4	10	6	2	23	18	0	100	1.7	412
September 2005	13	15	7	3	11	6	3	24	19	0	100	1.8	408
October 2005	14	15	9	3	10	3	3	26	18	0	100	1.6	401
November 2005	13	18	8	2	13	3	2	25	15	1	100	2.1	408
December 2005	14	17	9	3	13	4	2	23	14	1	100	2.3	409
January 2006	14	17	11	5	13	5	0	22	13	0	100	2.6	398
February 2006	14	15	10	6	12	5	1	21	16	0	100	2.4	391
March 2006	15	15	9	6	11	4	1	24	15	0	100	2	388
April 2006	17	14	8	5	10	5	2	23	16	0	100	1.8	398
May 2006	19	14	9	4	9	5	1	25	13	0	100	1.8	404
June 2006	19	14	10	6	9	6	1	23	12	0	100	2.2	424
July 2006	16	13	9	5	11	6	1	24	15	0	100	1.9	427
August 2006	14	14	8	6	11	6	2	24	15	0	100	1.9	431
September 2006	12	15	7	3	13	5	2	25	16	1	100	1.7	410
October 2006	13	17	7	4	13	6	2	25	13	1	100	2.1	411

REGION NORTH CENTRAL

TABLE 13

EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR
(Three Month Moving Averages)

Date of Survey	EXPECT INCREASE							Same	Down	DK, NA	Total	Median	Cases
	1-2%	3-4%	5%	6-9%	10-24%	25% +	DK Up						
November 2006	12	18	8	4	13	7	1	23	11	1	100	2.5	408
December 2006	14	19	8	5	10	8	1	22	12	1	100	2.6	415
January 2007	16	21	9	5	8	8	0	22	11	1	100	2.5	432
February 2007	17	21	9	4	7	7	1	22	12	1	100	2.3	448
March 2007	16	20	10	3	9	9	1	19	12	0	100	2.7	434
April 2007	13	18	12	3	10	9	2	19	13	1	100	2.8	423
May 2007	12	17	12	3	10	9	3	19	14	0	100	2.7	410
June 2007	12	20	11	3	9	7	2	21	15	0	100	2.5	437
July 2007	14	20	11	4	9	4	2	22	15	0	100	2.3	424
August 2007	15	20	10	5	9	3	1	22	14	0	100	2.3	409
September 2007	15	18	11	4	9	4	1	26	13	0	100	2	404
October 2007	14	18	9	4	10	4	1	26	15	0	100	1.9	408
November 2007	13	17	11	4	9	4	1	25	17	0	100	1.9	430
December 2007	17	16	11	4	8	3	1	23	17	1	100	1.8	431
January 2008	17	19	9	4	7	3	1	22	16	1	100	1.9	419
February 2008	17	20	8	4	8	4	1	25	13	1	100	1.8	408
March 2008	13	23	9	4	8	4	2	23	13	0	100	2.3	389
April 2008	12	18	10	5	10	4	2	24	15	0	100	1.9	395
May 2008	11	18	11	4	11	3	2	21	19	0	100	2	395
June 2008	11	18	9	4	10	3	1	23	20	0	100	1.7	405
July 2008	12	20	10	3	8	2	1	21	23	0	100	1.7	405
August 2008	12	21	9	2	10	4	0	22	20	0	100	2	406
September 2008	12	22	8	2	11	4	1	21	19	0	100	2.3	386
October 2008	10	21	8	3	11	5	0	24	18	0	100	1.9	383
November 2008	11	21	6	3	9	3	1	24	21	1	100	1.2	382
December 2008	11	19	9	2	7	2	1	24	23	1	100	0.8	402
January 2009	11	18	10	2	8	2	1	23	25	1	100	0.8	401
February 2009	10	17	11	2	7	2	0	24	25	0	100	0.8	404
March 2009	8	15	7	3	6	2	1	26	31	0	100	0.2	405
April 2009	9	14	5	2	5	2	2	30	31	0	100	0.1	408
May 2009	8	15	3	2	5	2	2	31	32	0	100	0.1	413
June 2009	10	13	3	3	6	3	1	32	29	1	100	0.2	417
July 2009	10	13	4	3	7	4	2	26	32	0	100	0.2	438
August 2009	10	12	5	3	6	4	1	24	34	1	100	0.1	429
September 2009	8	11	6	2	7	4	1	24	35	2	100	0.1	418
October 2009	9	11	5	2	6	4	1	28	32	2	100	0.1	420
November 2009	9	9	5	2	7	6	1	31	29	1	100	0.1	418
December 2009	10	12	5	3	6	4	1	32	26	1	100	0.2	419
January 2010	8	14	8	3	6	5	0	32	24	0	100	0.4	417
February 2010	9	13	9	3	6	4	0	31	25	1	100	0.3	421
March 2010	11	13	7	3	5	6	1	30	25	1	100	0.4	425
April 2010	13	10	4	4	7	4	2	30	25	1	100	0.3	413
May 2010	13	11	4	4	8	4	2	30	23	1	100	0.4	424
June 2010	13	9	6	4	8	4	2	29	24	1	100	0.4	442
July 2010	11	10	8	1	7	7	2	29	24	1	100	0.4	445
August 2010	12	9	7	2	6	6	2	30	25	0	100	0.3	438
September 2010	12	9	7	2	6	6	2	32	25	0	100	0.3	429
October 2010	15	9	7	2	5	5	1	32	24	0	100	0.3	424
November 2010	14	9	9	2	4	5	1	28	27	0	100	0.3	426
December 2010	14	10	9	2	6	5	1	28	24	0	100	0.4	440
January 2011	13	9	7	2	9	5	1	28	24	1	100	0.4	421
February 2011	13	11	5	1	10	5	2	32	21	1	100	0.4	410
March 2011	12	11	5	0	8	4	1	35	22	2	100	0.3	390

REGION NORTH CENTRAL

TABLE 13

EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR
(Three Month Moving Averages)

Date of Survey	EXPECT INCREASE								Same	Down	DK, NA	Total	Median	Cases
	1-2%	3-4%	5%	6-9%	10-24%	25% +	DK Up							
April 2011	12	10	6	0	6	3	2	38	23	1	100	0.2	406	
May 2011	11	10	6	0	7	4	2	35	25	0	100	0.2	404	
June 2011	12	9	6	1	8	4	2	34	24	0	100	0.3	412	
July 2011	12	9	5	2	11	5	1	31	22	0	100	0.6	384	
August 2011	12	9	6	2	10	5	1	32	22	0	100	0.6	388	
September 2011	12	9	7	1	11	6	1	30	23	0	100	0.6	370	
October 2011	11	10	6	1	8	5	1	33	25	0	100	0.3	412	
November 2011	11	11	5	2	9	4	1	32	26	0	100	0.3	412	
December 2011	11	11	4	2	7	3	1	36	26	0	100	0.2	421	
January 2012	13	13	3	2	8	2	1	31	26	0	100	0.3	391	
February 2012	14	11	4	1	7	3	1	32	25	1	100	-0.4	376	
March 2012	13	12	5	2	8	5	1	30	22	1	100	-0.2	373	
April 2012	13	10	6	3	7	4	1	36	19	1	100	-0.2	396	
May 2012	12	11	8	4	7	4	0	35	18	1	100	0.2	406	
June 2012	13	12	6	4	6	3	0	36	20	0	100	0	405	
July 2012	14	13	6	3	5	3	1	32	23	1	100	0	386	
August 2012	15	11	4	2	5	3	2	37	22	1	100	0.3	384	
September 2012	16	11	4	1	5	3	2	36	21	1	100	0.3	378	
October 2012	19	12	6	1	5	5	2	31	19	0	100	0.7	396	
November 2012	19	13	7	1	7	6	1	26	19	0	100	0.9	406	
December 2012	17	13	8	1	6	7	1	26	20	0	100	0.9	412	
January 2013	16	11	6	1	6	6	2	29	22	0	100	0.5	404	
February 2013	15	14	5	1	5	5	2	30	22	1	100	0.5	394	
March 2013	16	11	8	1	7	3	3	29	22	1	100	0.5	375	
April 2013	13	12	8	1	7	5	2	30	21	1	100	0.5	382	
May 2013	12	11	10	1	7	5	1	34	19	0	100	0.4	391	
June 2013	11	15	8	2	6	6	1	35	16	0	100	0.5	430	
July 2013	11	15	9	2	7	6	1	34	15	0	100	0.6	428	
August 2013	13	13	9	3	6	5	2	33	16	0	100	0.6	427	
September 2013	13	11	8	3	7	5	2	31	20	0	100	0.5	414	
October 2013	12	10	8	3	7	4	1	32	23	0	100	0.4	410	
November 2013	15	9	6	3	7	5	1	32	23	0	100	0.4	410	
December 2013	18	9	6	2	6	4	1	34	20	0	100	0.4	417	
January 2014	19	10	6	3	6	5	1	31	18	0	100	0.6	410	
February 2014	17	12	7	3	7	4	1	29	19	1	100	0.6	409	
March 2014	13	11	7	3	7	4	1	32	20	1	100	0.5	402	
April 2014	16	10	7	3	8	4	1	30	20	1	100	0.6	431	
May 2014	16	10	5	4	8	5	1	34	18	1	100	0.6	437	
June 2014	16	9	5	4	8	6	2	33	18	1	100	0.6	421	
July 2014	15	10	5	2	6	5	2	34	19	1	100	0.4	393	
August 2014	15	11	5	1	6	5	2	31	22	1	100	0.4	387	
September 2014	16	13	5	2	5	4	1	31	22	2	100	0.4	408	
October 2014	17	13	4	3	6	5	1	29	19	2	100	0.8	433	
November 2014	19	12	4	3	9	6	1	27	16	2	100	0.9	439	
December 2014	19	11	6	4	11	5	1	27	15	2	100	1.1	407	
January 2015	16	9	8	3	12	5	1	30	14	1	100	1.2	371	
February 2015	14	11	9	2	13	3	1	30	16	0	100	1.1	365	
March 2015	13	12	8	1	12	4	2	30	16	0	100	1	393	
April 2015	14	14	7	2	11	4	1	29	19	0	100	0.8	397	
May 2015	16	11	7	2	11	7	1	26	18	0	100	1.1	402	
June 2015	17	10	8	3	11	7	1	24	20	0	100	1.2	386	
July 2015	16	10	9	3	11	8	1	24	19	1	100	1.4	382	
August 2015	14	12	9	4	10	6	2	25	16	1	100	1.5	396	
September 2015	13	14	8	4	11	6	2	27	14	1	100	1.7	393	

REGION NORTH CENTRAL

TABLE 13

EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR
(Three Month Moving Averages)

Date of Survey	EXPECT INCREASE							DK Up	Same	Down	DK, NA	Total	Median	Cases
	1-2%	3-4%	5%	6-9%	10-24%	25% +								
October 2015	16	13	6	4	10	6	2	27	15	1	100	1.5	391	
November 2015	19	11	8	3	9	6	1	27	16	0	100	1.3	359	
December 2015	20	11	7	3	9	6	1	25	18	0	100	1.2	383	
January 2016	17	10	9	3	11	6	1	27	16	0	100	1.4	401	
February 2016	15	12	8	2	12	7	1	24	18	0	100	1.6	414	
March 2016	12	12	9	4	15	6	1	25	16	0	100	2	402	
April 2016	12	14	10	4	11	4	1	26	17	0	100	1.6	403	
May 2016	10	14	10	4	10	4	1	28	17	0	100	1.4	411	
June 2016	12	12	10	4	8	6	1	26	20	1	100	1.1	407	
July 2016	14	12	9	3	10	6	1	26	18	1	100	1.3	399	
August 2016	16	12	6	3	9	6	1	28	17	2	100	1	405	
September 2016	15	13	6	3	10	6	0	29	17	1	100	0.9	431	
October 2016	14	14	6	2	10	5	1	25	20	2	100	1.1	455	
November 2016	12	13	6	3	12	6	1	24	21	1	100	1.3	450	
December 2016	14	13	6	3	12	6	2	23	20	1	100	1.4	446	
January 2017	14	15	6	4	10	7	2	25	16	0	100	1.5	427	
February 2017	16	16	7	4	9	7	1	26	15	0	100	1.5	427	
March 2017	14	17	7	4	9	8	1	27	15	0	100	1.6	421	
April 2017	14	14	8	3	9	8	0	29	15	0	100	1.3	437	
May 2017	16	13	8	1	11	7	1	30	13	0	100	1.5	468	
June 2017	18	12	9	2	11	7	1	28	13	1	100	1.5	480	
July 2017	18	12	9	2	11	7	3	26	13	0	100	1.8	496	
August 2017	17	13	9	3	11	9	3	21	14	0	100	2.1	463	
September 2017	16	12	10	3	10	8	3	25	14	0	100	1.8	462	
October 2017	17	10	10	5	12	8	1	24	14	0	100	1.8	443	
November 2017	18	10	10	4	13	5	1	25	14	0	100	1.6	464	
December 2017	19	11	8	3	15	6	2	21	14	1	100	2	456	
January 2018	16	14	8	3	14	6	2	20	15	1	100	2.2	478	
February 2018	16	13	9	3	14	7	1	20	15	1	100	2.2	461	
March 2018	17	14	10	3	11	6	1	24	13	0	100	2.1	475	
April 2018	18	12	11	3	10	6	1	25	14	0	100	1.8	466	
May 2018	19	13	11	3	7	4	2	27	14	0	100	1.5	463	
June 2018	18	14	10	2	8	5	1	25	15	1	100	1.7	446	
July 2018	15	16	9	2	10	6	1	27	13	1	100	2	441	
August 2018	13	16	9	2	12	8	1	26	12	1	100	2.4	448	
September 2018	13	14	10	4	10	9	2	26	12	0	100	2.2	473	
October 2018	16	12	9	4	10	8	2	25	14	0	100	1.7	470	
November 2018	16	12	9	4	9	7	1	26	13	0	100	1.5	477	
December 2018	15	13	9	5	12	7	0	26	12	1	100	1.9	466	
January 2019	13	13	8	4	13	9	1	25	13	1	100	2.2	467	
February 2019	13	14	9	4	11	9	2	24	13	1	100	2.3	457	
March 2019	14	12	9	3	10	10	2	25	15	0	100	1.8	458	
April 2019	13	15	10	3	10	7	1	26	13	1	100	2	456	
May 2019	13	14	8	2	12	7	1	26	15	1	100	1.9	464	
June 2019	13	15	9	3	13	5	1	27	14	1	100	2.1	456	
July 2019	17	12	8	3	15	6	1	25	14	0	100	1.9	465	
August 2019	18	12	8	3	13	5	1	26	13	0	100	1.7	479	
September 2019	19	13	6	3	11	6	2	27	13	0	100	1.5	474	
October 2019	16	14	8	3	9	6	2	27	14	0	100	1.5	485	
November 2019	17	14	7	3	10	6	2	25	15	0	100	1.5	467	
December 2019	17	14	9	2	11	5	1	25	15	0	100	1.7	464	
January 2020	15	14	10	2	11	5	0	26	15	0	100	1.8	457	
February 2020	15	15	11	3	9	6	1	27	13	0	100	1.9	483	

REGION NORTH CENTRAL

TABLE 13

EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR
(Three Month Moving Averages)

Date of Survey	EXPECT INCREASE							Same	Down	DK, NA	Total	Median	Cases
	1-2%	3-4%	5%	6-9%	10-24%	25% +	DK Up						
March 2020	16	14	9	4	9	8	1	25	15	1	100	1.9	509
April 2020	17	12	7	4	10	7	2	26	15	1	100	1.3	514
May 2020	13	9	8	2	13	7	2	23	22	1	100	1	479
June 2020	9	10	8	2	12	6	2	27	24	0	100	0.6	450
July 2020	7	11	8	2	12	6	2	24	27	1	100	0.4	439
August 2020	9	12	8	2	10	7	2	28	21	0	100	0.6	470
September 2020	12	13	8	3	11	5	2	26	19	1	100	0.9	474
October 2020	15	14	8	3	11	5	2	27	15	0	100	1.5	460
November 2020	16	14	7	3	11	5	2	26	14	0	100	1.8	430
December 2020	16	12	8	2	13	6	3	24	16	0	100	1.7	431
January 2021	16	11	7	2	12	7	2	24	18	1	100	1.5	457
February 2021	18	10	6	3	13	6	1	24	18	1	100	1.3	460
March 2021	16	10	7	3	12	6	1	28	16	1	100	1.4	466
April 2021	15	10	10	3	12	7	1	26	16	0	100	1.7	429
May 2021	11	9	11	3	11	8	2	28	17	0	100	1.6	424
June 2021	12	9	10	2	13	8	2	27	17	0	100	1.5	435
July 2021	10	10	6	3	13	8	2	30	17	1	100	1.1	463
August 2021	12	11	6	4	12	8	2	27	18	0	100	1.2	463
September 2021	13	12	6	5	11	8	2	24	19	1	100	1.4	456
October 2021	13	13	8	5	10	9	2	21	18	0	100	2	454
November 2021	14	14	8	6	10	8	2	22	17	1	100	2.1	461
December 2021	14	12	7	6	11	7	1	24	17	0	100	2.1	446
January 2022	13	11	8	6	13	6	1	26	16	1	100	1.9	457
February 2022	16	11	7	4	13	6	0	23	17	1	100	1.9	460
March 2022	14	13	8	3	12	6	1	25	17	1	100	1.7	471
April 2022	14	16	8	3	11	7	1	23	16	1	100	2	458
May 2022	9	16	9	3	11	8	2	26	16	1	100	2	458
June 2022	8	14	8	4	12	8	1	27	17	1	100	1.7	449
July 2022	8	12	8	4	12	6	2	27	21	0	100	1	450
August 2022	10	12	7	6	11	5	2	26	22	0	100	1	440
September 2022	12	13	9	5	12	5	2	22	20	0	100	1.7	450
October 2022	14	13	9	5	13	5	1	22	18	0	100	2	447
November 2022	12	14	11	5	11	5	0	26	16	1	100	1.7	435
December 2022	10	13	11	7	10	6	0	27	13	1	100	2.1	424
January 2023	10	12	10	8	10	6	1	27	14	1	100	2.2	426
February 2023	11	12	10	7	12	7	1	24	15	0	100	2.7	429
March 2023	11	12	9	5	12	7	1	24	17	1	100	2.3	425
April 2023	9	14	9	4	12	7	1	26	17	1	100	1.9	412
May 2023	9	15	8	4	12	6	1	26	18	1	100	1.8	431
June 2023	10	15	7	3	11	7	1	28	18	1	100	1.5	441
July 2023	11	14	8	6	10	6	2	25	18	0	100	1.9	442
August 2023	11	16	9	6	8	6	2	24	17	0	100	2.1	436
September 2023	13	16	9	5	10	5	2	22	18	0	100	2.2	417