

REGION NORTH CENTRAL

TABLE 15

PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE YEAR AHEAD (Three Month Moving Averages)

The question was: "What do you think is the percent chance that your income in the next twelve months will be higher than your income in the past twelve months?"

| <u>Date of Survey</u> | <u>0%</u> | <u>1-24%</u> | <u>25-49%</u> | <u>50%</u> | <u>51-74%</u> | <u>75-99%</u> | <u>100%</u> | <u>DK.NA</u> | <u>Total</u> | <u>Mean</u> | <u>Cases</u> |
|-----------------------|-----------|--------------|---------------|------------|---------------|---------------|-------------|--------------|--------------|-------------|--------------|
| August 2002 | 12 | 19 | 5 | 15 | 4 | 21 | 20 | 4 | 100 | 52.6 | 389 |
| September 2002 | 13 | 18 | 6 | 15 | 5 | 22 | 19 | 3 | 100 | 52.7 | 369 |
| October 2002 | 17 | 17 | 6 | 15 | 6 | 20 | 15 | 4 | 100 | 48.9 | 371 |
| November 2002 | 16 | 19 | 7 | 13 | 6 | 21 | 15 | 2 | 100 | 48.9 | 366 |
| December 2002 | 17 | 18 | 7 | 12 | 5 | 20 | 18 | 4 | 100 | 49.6 | 389 |
| January 2003 | 15 | 17 | 7 | 10 | 4 | 22 | 22 | 2 | 100 | 53.3 | 381 |
| February 2003 | 18 | 17 | 6 | 11 | 5 | 23 | 19 | 2 | 100 | 51.1 | 381 |
| March 2003 | 16 | 19 | 6 | 12 | 6 | 23 | 16 | 1 | 100 | 49.7 | 370 |
| April 2003 | 15 | 21 | 5 | 13 | 7 | 21 | 14 | 3 | 100 | 47.4 | 377 |
| May 2003 | 14 | 21 | 7 | 13 | 6 | 21 | 14 | 3 | 100 | 47.2 | 378 |
| June 2003 | 15 | 19 | 7 | 12 | 8 | 19 | 16 | 4 | 100 | 48.9 | 387 |
| July 2003 | 16 | 17 | 9 | 10 | 8 | 21 | 17 | 2 | 100 | 50.2 | 392 |
| August 2003 | 15 | 16 | 8 | 13 | 8 | 19 | 18 | 3 | 100 | 51.7 | 412 |
| September 2003 | 15 | 16 | 10 | 14 | 6 | 19 | 17 | 3 | 100 | 50.6 | 391 |
| October 2003 | 14 | 17 | 9 | 15 | 6 | 21 | 15 | 4 | 100 | 49.7 | 388 |
| November 2003 | 15 | 18 | 7 | 12 | 6 | 22 | 17 | 4 | 100 | 50.7 | 386 |
| December 2003 | 15 | 17 | 6 | 12 | 6 | 24 | 16 | 3 | 100 | 51.6 | 388 |
| January 2004 | 13 | 16 | 6 | 13 | 5 | 25 | 19 | 3 | 100 | 54.3 | 391 |
| February 2004 | 12 | 17 | 7 | 14 | 5 | 24 | 19 | 2 | 100 | 54.2 | 392 |
| March 2004 | 12 | 18 | 7 | 12 | 6 | 23 | 19 | 3 | 100 | 54.1 | 390 |
| April 2004 | 14 | 18 | 8 | 12 | 7 | 21 | 18 | 2 | 100 | 52.3 | 381 |
| May 2004 | 15 | 18 | 7 | 11 | 7 | 21 | 19 | 3 | 100 | 52.0 | 392 |
| June 2004 | 12 | 19 | 8 | 11 | 7 | 22 | 19 | 2 | 100 | 52.9 | 400 |
| July 2004 | 12 | 17 | 10 | 10 | 8 | 23 | 17 | 2 | 100 | 52.1 | 381 |
| August 2004 | 11 | 18 | 11 | 12 | 8 | 24 | 15 | 2 | 100 | 51.6 | 366 |
| September 2004 | 13 | 16 | 10 | 14 | 7 | 26 | 13 | 2 | 100 | 51.5 | 368 |
| October 2004 | 14 | 19 | 6 | 13 | 6 | 26 | 14 | 2 | 100 | 51.2 | 391 |
| November 2004 | 17 | 16 | 6 | 12 | 7 | 27 | 15 | 2 | 100 | 52.0 | 398 |
| December 2004 | 17 | 17 | 5 | 10 | 6 | 25 | 18 | 1 | 100 | 52.2 | 408 |
| January 2005 | 16 | 15 | 6 | 13 | 6 | 24 | 17 | 3 | 100 | 52.8 | 398 |
| February 2005 | 16 | 15 | 5 | 15 | 7 | 25 | 15 | 2 | 100 | 51.9 | 383 |
| March 2005 | 16 | 16 | 7 | 13 | 10 | 23 | 14 | 2 | 100 | 50.7 | 374 |
| April 2005 | 16 | 18 | 8 | 12 | 7 | 23 | 15 | 0 | 100 | 49.5 | 397 |
| May 2005 | 15 | 18 | 9 | 11 | 7 | 23 | 16 | 0 | 100 | 50.5 | 413 |
| June 2005 | 18 | 17 | 7 | 12 | 6 | 25 | 15 | 1 | 100 | 49.2 | 422 |
| July 2005 | 19 | 14 | 6 | 14 | 8 | 23 | 15 | 1 | 100 | 50.3 | 428 |
| August 2005 | 19 | 17 | 5 | 14 | 7 | 22 | 14 | 1 | 100 | 48.2 | 412 |
| September 2005 | 19 | 18 | 6 | 13 | 7 | 21 | 15 | 1 | 100 | 47.7 | 408 |
| October 2005 | 18 | 20 | 7 | 11 | 7 | 21 | 14 | 1 | 100 | 46.5 | 401 |
| November 2005 | 17 | 22 | 7 | 9 | 9 | 22 | 14 | 1 | 100 | 47.4 | 408 |
| December 2005 | 16 | 21 | 6 | 10 | 7 | 23 | 15 | 1 | 100 | 48.7 | 409 |
| January 2006 | 17 | 18 | 6 | 9 | 6 | 27 | 16 | 0 | 100 | 50.6 | 398 |
| February 2006 | 18 | 16 | 6 | 11 | 5 | 26 | 17 | 0 | 100 | 51.2 | 391 |
| March 2006 | 17 | 15 | 7 | 13 | 5 | 26 | 18 | 0 | 100 | 52.7 | 388 |
| April 2006 | 16 | 17 | 7 | 16 | 6 | 23 | 15 | 1 | 100 | 50.1 | 398 |
| May 2006 | 15 | 17 | 8 | 16 | 7 | 23 | 12 | 1 | 100 | 49.7 | 404 |
| June 2006 | 15 | 19 | 8 | 15 | 9 | 22 | 11 | 2 | 100 | 48.2 | 424 |
| July 2006 | 16 | 17 | 9 | 14 | 7 | 21 | 13 | 3 | 100 | 48.6 | 427 |

REGION NORTH CENTRAL

TABLE 15

PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE YEAR AHEAD
(Three Month Moving Averages)

| <u>Date of Survey</u> | <u>0%</u> | <u>1-24%</u> | <u>25-49%</u> | <u>50%</u> | <u>51-74%</u> | <u>75-99%</u> | <u>100%</u> | <u>DK,NA</u> | <u>Total</u> | <u>Mean</u> | <u>Cases</u> |
|-----------------------|-----------|--------------|---------------|------------|---------------|---------------|-------------|--------------|--------------|-------------|--------------|
| August 2006 | 15 | 17 | 8 | 14 | 6 | 21 | 16 | 3 | 100 | 49.8 | 431 |
| September 2006 | 13 | 19 | 8 | 14 | 5 | 21 | 17 | 3 | 100 | 50.9 | 410 |
| October 2006 | 12 | 20 | 5 | 15 | 7 | 20 | 20 | 2 | 100 | 53.2 | 411 |
| November 2006 | 12 | 18 | 5 | 14 | 6 | 21 | 21 | 3 | 100 | 54.3 | 408 |
| December 2006 | 13 | 17 | 6 | 13 | 7 | 20 | 20 | 3 | 100 | 53.3 | 415 |
| January 2007 | 13 | 16 | 6 | 12 | 8 | 23 | 18 | 3 | 100 | 53.9 | 432 |
| February 2007 | 13 | 16 | 7 | 14 | 9 | 22 | 17 | 2 | 100 | 53.3 | 448 |
| March 2007 | 13 | 16 | 6 | 13 | 9 | 24 | 18 | 1 | 100 | 54.6 | 434 |
| April 2007 | 14 | 16 | 6 | 15 | 8 | 23 | 17 | 2 | 100 | 53.3 | 423 |
| May 2007 | 14 | 16 | 7 | 12 | 7 | 24 | 17 | 2 | 100 | 53.3 | 410 |
| June 2007 | 14 | 16 | 7 | 15 | 6 | 23 | 16 | 3 | 100 | 51.7 | 437 |
| July 2007 | 14 | 16 | 6 | 14 | 6 | 23 | 18 | 2 | 100 | 53.2 | 424 |
| August 2007 | 16 | 17 | 5 | 17 | 6 | 21 | 17 | 2 | 100 | 51.0 | 409 |
| September 2007 | 15 | 16 | 7 | 16 | 6 | 20 | 19 | 1 | 100 | 52.0 | 404 |
| October 2007 | 16 | 17 | 9 | 14 | 6 | 20 | 16 | 2 | 100 | 49.5 | 408 |
| November 2007 | 15 | 17 | 9 | 13 | 7 | 22 | 15 | 1 | 100 | 50.3 | 430 |
| December 2007 | 17 | 20 | 7 | 13 | 8 | 21 | 14 | 1 | 100 | 47.7 | 431 |
| January 2008 | 15 | 20 | 6 | 15 | 7 | 19 | 17 | 1 | 100 | 49.9 | 419 |
| February 2008 | 16 | 19 | 7 | 16 | 5 | 18 | 18 | 1 | 100 | 49.5 | 408 |
| March 2008 | 16 | 17 | 7 | 15 | 5 | 21 | 18 | 2 | 100 | 51.4 | 389 |
| April 2008 | 19 | 18 | 7 | 13 | 7 | 20 | 15 | 1 | 100 | 47.8 | 395 |
| May 2008 | 19 | 21 | 7 | 11 | 8 | 20 | 14 | 1 | 100 | 46.3 | 395 |
| June 2008 | 19 | 22 | 8 | 10 | 9 | 17 | 14 | 1 | 100 | 44.6 | 405 |
| July 2008 | 17 | 22 | 9 | 11 | 8 | 17 | 15 | 2 | 100 | 45.1 | 405 |
| August 2008 | 17 | 19 | 8 | 14 | 8 | 17 | 15 | 2 | 100 | 47.3 | 406 |
| September 2008 | 15 | 18 | 7 | 14 | 6 | 21 | 17 | 2 | 100 | 50.9 | 386 |
| October 2008 | 16 | 20 | 5 | 16 | 6 | 20 | 16 | 2 | 100 | 49.5 | 383 |
| November 2008 | 15 | 22 | 6 | 13 | 7 | 18 | 16 | 3 | 100 | 48.6 | 382 |
| December 2008 | 16 | 25 | 8 | 14 | 7 | 15 | 12 | 2 | 100 | 43.0 | 402 |
| January 2009 | 17 | 23 | 10 | 12 | 7 | 16 | 13 | 2 | 100 | 43.8 | 401 |
| February 2009 | 19 | 24 | 10 | 11 | 5 | 15 | 14 | 2 | 100 | 42.6 | 404 |
| March 2009 | 23 | 22 | 9 | 11 | 6 | 13 | 14 | 2 | 100 | 40.4 | 405 |
| April 2009 | 27 | 21 | 9 | 10 | 6 | 11 | 13 | 3 | 100 | 37.3 | 408 |
| May 2009 | 29 | 22 | 8 | 11 | 6 | 12 | 10 | 2 | 100 | 34.8 | 413 |
| June 2009 | 27 | 23 | 9 | 11 | 6 | 12 | 10 | 2 | 100 | 36.0 | 417 |
| July 2009 | 23 | 25 | 9 | 12 | 6 | 14 | 10 | 1 | 100 | 38.3 | 438 |
| August 2009 | 23 | 23 | 10 | 13 | 6 | 13 | 10 | 1 | 100 | 38.8 | 429 |
| September 2009 | 23 | 22 | 11 | 14 | 6 | 14 | 10 | 1 | 100 | 38.5 | 418 |
| October 2009 | 24 | 21 | 10 | 15 | 6 | 15 | 8 | 1 | 100 | 37.7 | 420 |
| November 2009 | 25 | 22 | 10 | 14 | 6 | 13 | 8 | 1 | 100 | 36.7 | 418 |
| December 2009 | 23 | 21 | 9 | 16 | 9 | 14 | 8 | 1 | 100 | 38.5 | 419 |
| January 2010 | 24 | 19 | 8 | 16 | 10 | 14 | 9 | 1 | 100 | 39.6 | 417 |
| February 2010 | 23 | 20 | 6 | 15 | 10 | 17 | 8 | 0 | 100 | 40.9 | 421 |
| March 2010 | 24 | 23 | 6 | 12 | 7 | 19 | 10 | 0 | 100 | 40.4 | 425 |
| April 2010 | 23 | 23 | 6 | 13 | 8 | 19 | 8 | 0 | 100 | 39.5 | 413 |
| May 2010 | 22 | 24 | 7 | 14 | 6 | 18 | 9 | 1 | 100 | 39.1 | 424 |
| June 2010 | 22 | 24 | 8 | 15 | 5 | 18 | 6 | 1 | 100 | 38.1 | 442 |
| July 2010 | 23 | 26 | 7 | 15 | 4 | 17 | 7 | 2 | 100 | 36.9 | 445 |
| August 2010 | 23 | 24 | 8 | 15 | 5 | 17 | 7 | 1 | 100 | 37.4 | 438 |
| September 2010 | 23 | 23 | 7 | 15 | 7 | 14 | 9 | 1 | 100 | 37.9 | 429 |
| October 2010 | 23 | 22 | 10 | 13 | 7 | 15 | 10 | 1 | 100 | 39.2 | 424 |

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TABLE 15

PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE YEAR AHEAD
(Three Month Moving Averages)

| <u>Date of Survey</u> | <u>0%</u> | <u>1-24%</u> | <u>25-49%</u> | <u>50%</u> | <u>51-74%</u> | <u>75-99%</u> | <u>100%</u> | <u>DK,NA</u> | <u>Total</u> | <u>Mean</u> | <u>Cases</u> |
|-----------------------|-----------|--------------|---------------|------------|---------------|---------------|-------------|--------------|--------------|-------------|--------------|
| November 2010 | 22 | 24 | 8 | 12 | 8 | 16 | 9 | 2 | 100 | 39.0 | 426 |
| December 2010 | 23 | 22 | 8 | 11 | 8 | 17 | 9 | 1 | 100 | 39.7 | 440 |
| January 2011 | 25 | 21 | 5 | 14 | 9 | 18 | 7 | 2 | 100 | 38.8 | 421 |
| February 2011 | 29 | 19 | 5 | 15 | 8 | 15 | 8 | 1 | 100 | 37.0 | 410 |
| March 2011 | 30 | 20 | 5 | 15 | 8 | 13 | 8 | 1 | 100 | 35.7 | 390 |
| April 2011 | 29 | 23 | 7 | 12 | 9 | 10 | 11 | 0 | 100 | 35.5 | 406 |
| May 2011 | 26 | 24 | 7 | 13 | 8 | 12 | 10 | 1 | 100 | 36.5 | 404 |
| June 2011 | 25 | 24 | 7 | 13 | 7 | 12 | 10 | 1 | 100 | 36.4 | 412 |
| July 2011 | 26 | 23 | 5 | 13 | 6 | 15 | 10 | 1 | 100 | 37.9 | 384 |
| August 2011 | 27 | 22 | 6 | 12 | 6 | 16 | 10 | 1 | 100 | 37.5 | 388 |
| September 2011 | 27 | 22 | 6 | 13 | 5 | 17 | 9 | 2 | 100 | 37.7 | 370 |
| October 2011 | 26 | 20 | 9 | 15 | 4 | 16 | 9 | 1 | 100 | 37.5 | 412 |
| November 2011 | 25 | 20 | 8 | 16 | 5 | 17 | 7 | 1 | 100 | 37.5 | 412 |
| December 2011 | 26 | 22 | 8 | 16 | 4 | 15 | 8 | 1 | 100 | 36.1 | 421 |
| January 2012 | 23 | 24 | 8 | 17 | 4 | 16 | 6 | 1 | 100 | 36.0 | 391 |
| February 2012 | 22 | 24 | 10 | 14 | 5 | 15 | 9 | 1 | 100 | 38.0 | 376 |
| March 2012 | 22 | 21 | 10 | 13 | 7 | 18 | 8 | 0 | 100 | 40.5 | 373 |
| April 2012 | 25 | 21 | 9 | 12 | 8 | 17 | 8 | 1 | 100 | 38.7 | 396 |
| May 2012 | 26 | 22 | 8 | 12 | 8 | 17 | 5 | 2 | 100 | 36.3 | 406 |
| June 2012 | 26 | 24 | 7 | 13 | 7 | 14 | 6 | 3 | 100 | 34.3 | 405 |
| July 2012 | 26 | 25 | 7 | 12 | 5 | 15 | 8 | 3 | 100 | 35.3 | 386 |
| August 2012 | 27 | 23 | 7 | 14 | 4 | 12 | 11 | 3 | 100 | 36.0 | 384 |
| September 2012 | 24 | 22 | 8 | 14 | 5 | 12 | 12 | 2 | 100 | 38.3 | 378 |
| October 2012 | 23 | 20 | 8 | 14 | 6 | 14 | 13 | 3 | 100 | 41.2 | 396 |
| November 2012 | 21 | 20 | 7 | 14 | 7 | 15 | 14 | 3 | 100 | 42.8 | 406 |
| December 2012 | 21 | 19 | 6 | 14 | 7 | 14 | 15 | 3 | 100 | 43.2 | 412 |
| January 2013 | 20 | 22 | 8 | 16 | 6 | 13 | 13 | 2 | 100 | 40.9 | 404 |
| February 2013 | 20 | 23 | 8 | 17 | 5 | 16 | 10 | 1 | 100 | 40.2 | 394 |
| March 2013 | 23 | 21 | 9 | 17 | 4 | 18 | 7 | 1 | 100 | 38.7 | 375 |
| April 2013 | 26 | 19 | 6 | 14 | 4 | 18 | 11 | 1 | 100 | 40.8 | 382 |
| May 2013 | 25 | 16 | 8 | 13 | 5 | 17 | 15 | 1 | 100 | 43.1 | 391 |
| June 2013 | 23 | 17 | 7 | 14 | 6 | 17 | 15 | 1 | 100 | 44.1 | 430 |
| July 2013 | 21 | 19 | 8 | 14 | 7 | 19 | 12 | 1 | 100 | 44.1 | 428 |
| August 2013 | 23 | 22 | 6 | 12 | 7 | 19 | 10 | 1 | 100 | 41.2 | 427 |
| September 2013 | 24 | 24 | 6 | 9 | 5 | 19 | 11 | 1 | 100 | 40.3 | 414 |
| October 2013 | 27 | 23 | 6 | 9 | 5 | 16 | 11 | 1 | 100 | 38.0 | 410 |
| November 2013 | 28 | 22 | 6 | 9 | 5 | 17 | 12 | 1 | 100 | 38.0 | 410 |
| December 2013 | 27 | 20 | 7 | 11 | 4 | 19 | 11 | 1 | 100 | 39.8 | 417 |
| January 2014 | 24 | 20 | 5 | 11 | 6 | 20 | 13 | 1 | 100 | 42.7 | 410 |
| February 2014 | 22 | 18 | 6 | 12 | 8 | 21 | 11 | 1 | 100 | 44.5 | 409 |
| March 2014 | 19 | 20 | 7 | 11 | 9 | 20 | 12 | 2 | 100 | 44.4 | 402 |
| April 2014 | 20 | 20 | 6 | 13 | 8 | 19 | 12 | 2 | 100 | 44.1 | 431 |
| May 2014 | 21 | 20 | 8 | 13 | 6 | 17 | 13 | 2 | 100 | 43.2 | 437 |
| June 2014 | 25 | 18 | 7 | 14 | 5 | 16 | 14 | 1 | 100 | 42.3 | 421 |
| July 2014 | 24 | 18 | 9 | 13 | 7 | 15 | 13 | 1 | 100 | 41.6 | 393 |
| August 2014 | 21 | 21 | 8 | 14 | 7 | 15 | 13 | 2 | 100 | 42.6 | 387 |
| September 2014 | 20 | 21 | 8 | 14 | 8 | 14 | 13 | 2 | 100 | 42.9 | 408 |
| October 2014 | 19 | 22 | 7 | 13 | 8 | 18 | 13 | 1 | 100 | 43.9 | 433 |
| November 2014 | 20 | 20 | 6 | 12 | 8 | 20 | 13 | 1 | 100 | 44.9 | 439 |
| December 2014 | 18 | 20 | 5 | 13 | 9 | 20 | 12 | 2 | 100 | 45.9 | 407 |

REGION NORTH CENTRAL

TABLE 15

PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE YEAR AHEAD
(Three Month Moving Averages)

| <u>Date of Survey</u> | <u>0%</u> | <u>1-24%</u> | <u>25-49%</u> | <u>50%</u> | <u>51-74%</u> | <u>75-99%</u> | <u>100%</u> | <u>DK,NA</u> | <u>Total</u> | <u>Mean</u> | <u>Cases</u> |
|-----------------------|-----------|--------------|---------------|------------|---------------|---------------|-------------|--------------|--------------|-------------|--------------|
| January 2015 | 19 | 18 | 5 | 13 | 8 | 18 | 15 | 2 | 100 | 47.4 | 371 |
| February 2015 | 18 | 19 | 4 | 15 | 9 | 17 | 16 | 2 | 100 | 47.4 | 365 |
| March 2015 | 19 | 18 | 3 | 15 | 10 | 18 | 18 | 0 | 100 | 49.1 | 393 |
| April 2015 | 17 | 20 | 4 | 16 | 10 | 21 | 13 | 0 | 100 | 48.0 | 397 |
| May 2015 | 16 | 17 | 6 | 14 | 11 | 21 | 14 | 0 | 100 | 49.9 | 402 |
| June 2015 | 17 | 17 | 8 | 14 | 9 | 23 | 13 | 0 | 100 | 49.3 | 386 |
| July 2015 | 18 | 15 | 9 | 16 | 7 | 20 | 15 | 0 | 100 | 48.4 | 382 |
| August 2015 | 17 | 14 | 8 | 16 | 7 | 23 | 15 | 0 | 100 | 50.6 | 396 |
| September 2015 | 20 | 11 | 8 | 17 | 5 | 24 | 16 | 0 | 100 | 50.4 | 393 |
| October 2015 | 19 | 13 | 8 | 14 | 5 | 27 | 14 | 0 | 100 | 50.5 | 391 |
| November 2015 | 21 | 17 | 8 | 13 | 5 | 24 | 13 | 0 | 100 | 46.3 | 359 |
| December 2015 | 19 | 18 | 8 | 10 | 6 | 24 | 14 | 0 | 100 | 47.5 | 383 |
| January 2016 | 20 | 17 | 6 | 10 | 9 | 21 | 16 | 0 | 100 | 48.6 | 401 |
| February 2016 | 22 | 13 | 6 | 11 | 9 | 22 | 17 | 0 | 100 | 49.9 | 414 |
| March 2016 | 21 | 14 | 5 | 12 | 10 | 20 | 17 | 0 | 100 | 49.9 | 402 |
| April 2016 | 23 | 13 | 7 | 14 | 8 | 18 | 18 | 0 | 100 | 48.0 | 403 |
| May 2016 | 21 | 17 | 6 | 14 | 6 | 19 | 17 | 0 | 100 | 47.8 | 411 |
| June 2016 | 21 | 17 | 6 | 13 | 5 | 20 | 17 | 1 | 100 | 48.0 | 407 |
| July 2016 | 19 | 19 | 6 | 11 | 6 | 23 | 16 | 0 | 100 | 49.3 | 399 |
| August 2016 | 21 | 17 | 7 | 12 | 7 | 20 | 16 | 0 | 100 | 46.9 | 405 |
| September 2016 | 22 | 17 | 8 | 13 | 7 | 19 | 15 | 0 | 100 | 45.7 | 431 |
| October 2016 | 22 | 18 | 7 | 13 | 6 | 18 | 16 | 0 | 100 | 45.5 | 455 |
| November 2016 | 18 | 20 | 6 | 14 | 6 | 19 | 16 | 1 | 100 | 47.6 | 450 |
| December 2016 | 18 | 18 | 5 | 13 | 8 | 22 | 15 | 1 | 100 | 49.0 | 446 |
| January 2017 | 16 | 18 | 6 | 12 | 8 | 22 | 17 | 0 | 100 | 50.0 | 427 |
| February 2017 | 17 | 17 | 7 | 10 | 9 | 22 | 19 | 0 | 100 | 51.4 | 427 |
| March 2017 | 18 | 18 | 7 | 8 | 8 | 21 | 19 | 1 | 100 | 50.7 | 421 |
| April 2017 | 19 | 18 | 8 | 8 | 9 | 20 | 18 | 1 | 100 | 48.7 | 437 |
| May 2017 | 22 | 17 | 6 | 10 | 8 | 21 | 16 | 1 | 100 | 47.3 | 468 |
| June 2017 | 21 | 16 | 7 | 10 | 9 | 19 | 16 | 1 | 100 | 47.1 | 480 |
| July 2017 | 21 | 13 | 8 | 10 | 9 | 22 | 16 | 1 | 100 | 50.1 | 496 |
| August 2017 | 17 | 14 | 8 | 9 | 11 | 22 | 19 | 0 | 100 | 53.0 | 463 |
| September 2017 | 16 | 15 | 7 | 13 | 10 | 23 | 16 | 1 | 100 | 51.8 | 462 |
| October 2017 | 15 | 16 | 5 | 14 | 10 | 21 | 18 | 1 | 100 | 52.8 | 443 |
| November 2017 | 15 | 15 | 6 | 14 | 9 | 25 | 14 | 1 | 100 | 52.2 | 464 |
| December 2017 | 16 | 13 | 6 | 11 | 10 | 26 | 18 | 0 | 100 | 54.7 | 456 |
| January 2018 | 16 | 14 | 7 | 11 | 9 | 26 | 17 | 0 | 100 | 53.9 | 478 |
| February 2018 | 17 | 15 | 5 | 10 | 9 | 25 | 19 | 0 | 100 | 53.7 | 461 |
| March 2018 | 15 | 16 | 6 | 10 | 8 | 26 | 19 | 0 | 100 | 54.1 | 475 |
| April 2018 | 15 | 17 | 6 | 11 | 8 | 24 | 18 | 0 | 100 | 53.3 | 466 |
| May 2018 | 16 | 16 | 6 | 13 | 8 | 23 | 17 | 0 | 100 | 51.7 | 463 |
| June 2018 | 16 | 16 | 7 | 13 | 9 | 21 | 18 | 0 | 100 | 51.9 | 446 |
| July 2018 | 17 | 15 | 6 | 13 | 9 | 21 | 17 | 1 | 100 | 51.8 | 441 |
| August 2018 | 16 | 15 | 5 | 13 | 10 | 23 | 19 | 0 | 100 | 53.9 | 448 |
| September 2018 | 17 | 14 | 5 | 12 | 10 | 22 | 18 | 1 | 100 | 53.6 | 473 |
| October 2018 | 16 | 16 | 6 | 12 | 9 | 23 | 17 | 1 | 100 | 52.8 | 470 |
| November 2018 | 16 | 15 | 7 | 13 | 10 | 23 | 14 | 2 | 100 | 51.3 | 477 |
| December 2018 | 15 | 16 | 6 | 13 | 11 | 22 | 16 | 1 | 100 | 51.9 | 466 |
| January 2019 | 16 | 16 | 4 | 13 | 11 | 22 | 16 | 1 | 100 | 52.4 | 467 |
| February 2019 | 17 | 16 | 2 | 12 | 11 | 25 | 16 | 0 | 100 | 53.2 | 457 |
| March 2019 | 20 | 16 | 3 | 11 | 8 | 26 | 15 | 1 | 100 | 50.9 | 458 |

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TABLE 15

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(Three Month Moving Averages)

| <u>Date of Survey</u> | <u>0%</u> | <u>1-24%</u> | <u>25-49%</u> | <u>50%</u> | <u>51-74%</u> | <u>75-99%</u> | <u>100%</u> | <u>DK,NA</u> | <u>Total</u> | <u>Mean</u> | <u>Cases</u> |
|-----------------------|-----------|--------------|---------------|------------|---------------|---------------|-------------|--------------|--------------|-------------|--------------|
| April 2019 | 19 | 14 | 3 | 11 | 7 | 27 | 17 | 1 | 100 | 53.5 | 456 |
| May 2019 | 17 | 15 | 4 | 12 | 6 | 25 | 20 | 1 | 100 | 54.3 | 464 |
| June 2019 | 15 | 14 | 4 | 15 | 7 | 25 | 20 | 0 | 100 | 55.6 | 456 |
| July 2019 | 15 | 14 | 5 | 14 | 8 | 23 | 21 | 0 | 100 | 55.5 | 465 |
| August 2019 | 15 | 14 | 5 | 15 | 7 | 22 | 20 | 1 | 100 | 54.5 | 479 |
| September 2019 | 16 | 13 | 6 | 13 | 7 | 23 | 21 | 1 | 100 | 54.9 | 474 |
| October 2019 | 17 | 14 | 5 | 13 | 5 | 24 | 20 | 1 | 100 | 54.1 | 485 |
| November 2019 | 18 | 16 | 6 | 11 | 6 | 22 | 21 | 0 | 100 | 53.0 | 467 |
| December 2019 | 17 | 18 | 5 | 10 | 7 | 22 | 20 | 0 | 100 | 51.8 | 464 |
| January 2020 | 18 | 17 | 6 | 13 | 8 | 21 | 16 | 0 | 100 | 49.7 | 457 |
| February 2020 | 17 | 15 | 6 | 13 | 9 | 23 | 16 | 0 | 100 | 51.7 | 483 |
| March 2020 | 17 | 16 | 6 | 13 | 8 | 23 | 17 | 0 | 100 | 51.2 | 509 |
| April 2020 | 17 | 19 | 6 | 11 | 8 | 23 | 17 | 0 | 100 | 49.9 | 514 |
| May 2020 | 20 | 21 | 6 | 11 | 7 | 19 | 15 | 1 | 100 | 45.7 | 479 |
| June 2020 | 21 | 20 | 6 | 15 | 7 | 16 | 15 | 1 | 100 | 44.8 | 450 |
| July 2020 | 22 | 17 | 7 | 16 | 7 | 16 | 13 | 1 | 100 | 44.0 | 439 |
| August 2020 | 21 | 18 | 7 | 17 | 6 | 17 | 15 | 0 | 100 | 45.3 | 470 |
| September 2020 | 19 | 17 | 7 | 15 | 8 | 18 | 16 | 0 | 100 | 47.7 | 474 |
| October 2020 | 17 | 18 | 6 | 12 | 8 | 19 | 19 | 0 | 100 | 50.5 | 460 |
| November 2020 | 15 | 15 | 8 | 13 | 10 | 20 | 18 | 1 | 100 | 52.1 | 430 |
| December 2020 | 15 | 17 | 6 | 13 | 9 | 22 | 17 | 1 | 100 | 51.6 | 431 |
| January 2021 | 15 | 17 | 7 | 14 | 8 | 24 | 14 | 1 | 100 | 50.9 | 457 |
| February 2021 | 16 | 21 | 5 | 12 | 7 | 23 | 15 | 1 | 100 | 49.6 | 460 |
| March 2021 | 16 | 20 | 6 | 12 | 9 | 22 | 13 | 2 | 100 | 48.5 | 466 |
| April 2021 | 17 | 17 | 5 | 12 | 10 | 20 | 17 | 1 | 100 | 51.0 | 429 |
| May 2021 | 17 | 16 | 5 | 13 | 9 | 22 | 16 | 2 | 100 | 51.5 | 424 |
| June 2021 | 16 | 15 | 5 | 15 | 10 | 21 | 16 | 2 | 100 | 52.5 | 435 |
| July 2021 | 16 | 15 | 5 | 15 | 10 | 20 | 16 | 3 | 100 | 51.6 | 463 |
| August 2021 | 15 | 15 | 6 | 14 | 10 | 20 | 17 | 3 | 100 | 53.0 | 463 |
| September 2021 | 15 | 16 | 5 | 14 | 10 | 21 | 17 | 2 | 100 | 52.5 | 456 |
| October 2021 | 13 | 19 | 5 | 13 | 8 | 23 | 18 | 2 | 100 | 52.6 | 454 |
| November 2021 | 16 | 17 | 3 | 14 | 8 | 22 | 18 | 2 | 100 | 51.9 | 461 |
| December 2021 | 18 | 14 | 6 | 13 | 7 | 22 | 18 | 2 | 100 | 51.8 | 446 |
| January 2022 | 19 | 12 | 8 | 14 | 8 | 21 | 16 | 3 | 100 | 51.0 | 457 |
| February 2022 | 17 | 15 | 9 | 14 | 7 | 21 | 14 | 3 | 100 | 50.1 | 460 |
| March 2022 | 15 | 18 | 7 | 14 | 7 | 20 | 15 | 3 | 100 | 49.5 | 471 |
| April 2022 | 15 | 17 | 6 | 13 | 8 | 21 | 17 | 3 | 100 | 51.4 | 458 |
| May 2022 | 19 | 14 | 7 | 12 | 9 | 19 | 18 | 2 | 100 | 50.2 | 458 |
| June 2022 | 22 | 13 | 7 | 10 | 10 | 19 | 17 | 2 | 100 | 48.9 | 449 |
| July 2022 | 25 | 16 | 7 | 9 | 9 | 16 | 16 | 2 | 100 | 44.5 | 450 |
| August 2022 | 22 | 17 | 5 | 8 | 9 | 18 | 17 | 3 | 100 | 47.1 | 440 |
| September 2022 | 20 | 17 | 5 | 10 | 7 | 20 | 19 | 3 | 100 | 49.7 | 450 |
| October 2022 | 17 | 17 | 5 | 12 | 8 | 20 | 20 | 2 | 100 | 51.8 | 447 |
| November 2022 | 17 | 16 | 6 | 14 | 7 | 19 | 20 | 1 | 100 | 51.3 | 435 |
| December 2022 | 14 | 15 | 7 | 13 | 8 | 19 | 22 | 1 | 100 | 54.5 | 424 |
| January 2023 | 16 | 13 | 8 | 12 | 9 | 19 | 21 | 2 | 100 | 54.2 | 426 |
| February 2023 | 16 | 12 | 9 | 12 | 9 | 20 | 20 | 2 | 100 | 54.8 | 429 |
| March 2023 | 16 | 13 | 8 | 13 | 9 | 20 | 19 | 3 | 100 | 53.0 | 425 |
| April 2023 | 15 | 14 | 8 | 12 | 7 | 22 | 19 | 3 | 100 | 53.7 | 412 |
| May 2023 | 16 | 16 | 7 | 11 | 7 | 19 | 21 | 3 | 100 | 53.6 | 431 |
| June 2023 | 16 | 16 | 8 | 11 | 6 | 21 | 19 | 4 | 100 | 52.0 | 441 |

REGION NORTH CENTRAL

TABLE 15

**PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE YEAR AHEAD
(Three Month Moving Averages)**

| <u>Date of Survey</u> | <u>0%</u> | <u>1-24%</u> | <u>25-49%</u> | <u>50%</u> | <u>51-74%</u> | <u>75-99%</u> | <u>100%</u> | <u>DK,NA</u> | <u>Total</u> | <u>Mean</u> | <u>Cases</u> |
|-----------------------|-----------|--------------|---------------|------------|---------------|---------------|-------------|--------------|--------------|-------------|--------------|
| July 2023 | 15 | 16 | 8 | 12 | 6 | 20 | 19 | 4 | 100 | 52.1 | 442 |
| August 2023 | 14 | 15 | 8 | 14 | 7 | 21 | 17 | 3 | 100 | 52.2 | 436 |
| September 2023 | 14 | 16 | 8 | 13 | 8 | 21 | 18 | 2 | 100 | 52.1 | 417 |
| October 2023 | 13 | 16 | 7 | 14 | 9 | 20 | 18 | 3 | 100 | 52.6 | 425 |
| November 2023 | 14 | 17 | 7 | 13 | 8 | 20 | 20 | 2 | 100 | 53.1 | 430 |
| December 2023 | 14 | 17 | 7 | 12 | 8 | 18 | 23 | 2 | 100 | 54.2 | 444 |
| January 2024 | 13 | 16 | 6 | 11 | 7 | 21 | 25 | 2 | 100 | 56.7 | 438 |
| February 2024 | 13 | 15 | 7 | 12 | 7 | 22 | 22 | 2 | 100 | 56.6 | 427 |
| March 2024 | 13 | 15 | 5 | 12 | 7 | 24 | 21 | 2 | 100 | 57.2 | 412 |
| April 2024 | 15 | 15 | 7 | 13 | 7 | 21 | 20 | 2 | 100 | 53.7 | 483 |
| May 2024 | 15 | 17 | 7 | 12 | 6 | 20 | 20 | 3 | 100 | 52.2 | 605 |