

INCOME BOTTOM THIRD
TABLE 1
THE INDEX OF CONSUMER SENTIMENT
(Three Month Moving Averages)

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| <u>Date of Survey</u> | <u>ICS</u> | <u>Cases</u> |
|-----------------------|------------|--------------|
| December 1979 | 57.2 | 722 |
| January 1980 | 59.9 | 642 |
| February 1980 | 59.8 | 590 |
| March 1980 | 57.6 | 556 |
| April 1980 | 53.9 | 530 |
| May 1980 | 50.6 | 467 |
| June 1980 | 52.7 | 449 |
| July 1980 | 53.9 | 447 |
| August 1980 | 60.0 | 435 |
| September 1980 | 64.6 | 439 |
| October 1980 | 68.1 | 418 |
| November 1980 | 67.7 | 401 |
| December 1980 | 65.2 | 397 |
| January 1981 | 65.6 | 396 |
| February 1981 | 64.5 | 407 |
| March 1981 | 62.5 | 412 |
| April 1981 | 60.1 | 419 |
| May 1981 | 64.3 | 499 |
| June 1981 | 63.9 | 494 |
| July 1981 | 64.6 | 509 |
| August 1981 | 64.3 | 515 |
| September 1981 | 65.1 | 526 |
| October 1981 | 64.9 | 613 |
| November 1981 | 61.0 | 617 |
| December 1981 | 58.9 | 685 |
| January 1982 | 58.0 | 697 |
| February 1982 | 57.1 | 675 |
| March 1982 | 56.9 | 651 |
| April 1982 | 54.8 | 619 |
| May 1982 | 56.4 | 604 |
| June 1982 | 56.8 | 598 |
| July 1982 | 57.7 | 594 |
| August 1982 | 56.6 | 591 |
| September 1982 | 58.3 | 602 |
| October 1982 | 60.3 | 605 |
| November 1982 | 61.6 | 607 |
| December 1982 | 62.6 | 593 |
| January 1983 | 60.3 | 585 |
| February 1983 | 61.6 | 576 |
| March 1983 | 63.7 | 594 |
| April 1983 | 69.8 | 591 |
| May 1983 | 75.6 | 588 |
| June 1983 | 78.2 | 551 |
| July 1983 | 79.1 | 588 |
| August 1983 | 75.1 | 584 |
| September 1983 | 74.1 | 609 |
| October 1983 | 72.4 | 594 |
| November 1983 | 75.6 | 615 |
| December 1983 | 78.8 | 609 |
| January 1984 | 82.1 | 573 |
| February 1984 | 80.9 | 558 |

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| <u>Date of Survey</u> | <u>ICS</u> | <u>Cases</u> |
|-----------------------|------------|--------------|
| March 1984 | 82.3 | 598 |
| April 1984 | 83.7 | 629 |
| May 1984 | 87.6 | 631 |
| June 1984 | 85.0 | 579 |
| July 1984 | 84.7 | 528 |
| August 1984 | 83.7 | 507 |
| September 1984 | 86.7 | 513 |
| October 1984 | 84.5 | 551 |
| November 1984 | 82.7 | 605 |
| December 1984 | 81.0 | 614 |
| January 1985 | 82.2 | 580 |
| February 1985 | 82.2 | 524 |
| March 1985 | 80.1 | 500 |
| April 1985 | 79.3 | 495 |
| May 1985 | 79.2 | 493 |
| June 1985 | 83.3 | 480 |
| July 1985 | 84.4 | 474 |
| August 1985 | 84.3 | 453 |
| September 1985 | 80.9 | 461 |
| October 1985 | 77.8 | 463 |
| November 1985 | 76.6 | 483 |
| December 1985 | 78.5 | 548 |
| January 1986 | 81.1 | 598 |
| February 1986 | 83.0 | 619 |
| March 1986 | 81.5 | 565 |
| April 1986 | 81.8 | 572 |
| May 1986 | 81.4 | 600 |
| June 1986 | 83.5 | 611 |
| July 1986 | 84.5 | 562 |
| August 1986 | 85.2 | 517 |
| September 1986 | 84.0 | 534 |
| October 1986 | 83.9 | 565 |
| November 1986 | 83.4 | 597 |
| December 1986 | 80.4 | 572 |
| January 1987 | 79.1 | 551 |
| February 1987 | 77.9 | 537 |
| March 1987 | 79.7 | 515 |
| April 1987 | 80.2 | 508 |
| May 1987 | 81.8 | 500 |
| June 1987 | 81.9 | 506 |
| July 1987 | 81.7 | 497 |
| August 1987 | 83.2 | 526 |
| September 1987 | 83.4 | 533 |
| October 1987 | 82.0 | 516 |
| November 1987 | 78.3 | 455 |
| December 1987 | 77.8 | 414 |
| January 1988 | 78.9 | 406 |
| February 1988 | 80.9 | 420 |
| March 1988 | 82.0 | 423 |
| April 1988 | 81.6 | 432 |
| May 1988 | 80.8 | 416 |
| June 1988 | 80.9 | 411 |

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THE INDEX OF CONSUMER SENTIMENT
(Three Month Moving Averages)

| <u>Date of Survey</u> | <u>ICS</u> | <u>Cases</u> |
|-----------------------|------------|--------------|
| July 1988 | 81.3 | 416 |
| August 1988 | 84.9 | 412 |
| September 1988 | 87.8 | 423 |
| October 1988 | 88.0 | 412 |
| November 1988 | 84.9 | 439 |
| December 1988 | 81.8 | 445 |
| January 1989 | 82.5 | 426 |
| February 1989 | 84.4 | 377 |
| March 1989 | 83.6 | 371 |
| April 1989 | 82.6 | 385 |
| May 1989 | 80.5 | 409 |
| June 1989 | 80.6 | 415 |
| July 1989 | 78.7 | 401 |
| August 1989 | 80.1 | 399 |
| September 1989 | 81.6 | 384 |
| October 1989 | 84.4 | 379 |
| November 1989 | 83.6 | 367 |
| December 1989 | 82.0 | 371 |
| January 1990 | 82.4 | 380 |
| February 1990 | 81.0 | 376 |
| March 1990 | 79.8 | 359 |
| April 1990 | 80.6 | 356 |
| May 1990 | 81.8 | 362 |
| June 1990 | 81.7 | 369 |
| July 1990 | 78.7 | 367 |
| August 1990 | 74.6 | 354 |
| September 1990 | 70.9 | 347 |
| October 1990 | 64.1 | 355 |
| November 1990 | 62.1 | 368 |
| December 1990 | 60.3 | 365 |
| January 1991 | 62.5 | 360 |
| February 1991 | 63.1 | 342 |
| March 1991 | 68.8 | 349 |
| April 1991 | 71.8 | 343 |
| May 1991 | 73.8 | 342 |
| June 1991 | 73.8 | 332 |
| July 1991 | 73.1 | 328 |
| August 1991 | 73.4 | 320 |
| September 1991 | 72.9 | 328 |
| October 1991 | 73.8 | 326 |
| November 1991 | 70.8 | 334 |
| December 1991 | 68.8 | 345 |
| January 1992 | 64.7 | 350 |
| February 1992 | 63.7 | 351 |
| March 1992 | 63.0 | 342 |
| April 1992 | 66.3 | 349 |
| May 1992 | 69.0 | 354 |
| June 1992 | 71.9 | 346 |
| July 1992 | 71.6 | 340 |
| August 1992 | 71.8 | 339 |
| September 1992 | 69.0 | 346 |
| October 1992 | 68.1 | 341 |

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4

| <u>Date of Survey</u> | <u>ICS</u> | <u>Cases</u> |
|-----------------------|------------|--------------|
| November 1992 | 72.6 | 343 |
| December 1992 | 79.1 | 333 |
| January 1993 | 83.4 | 334 |
| February 1993 | 83.2 | 332 |
| March 1993 | 82.0 | 330 |
| April 1993 | 80.1 | 327 |
| May 1993 | 78.3 | 325 |
| June 1993 | 77.8 | 333 |
| July 1993 | 76.5 | 333 |
| August 1993 | 74.4 | 343 |
| September 1993 | 70.8 | 330 |
| October 1993 | 71.8 | 334 |
| November 1993 | 73.8 | 323 |
| December 1993 | 78.5 | 338 |
| January 1994 | 81.5 | 331 |
| February 1994 | 84.5 | 344 |
| March 1994 | 84.1 | 333 |
| April 1994 | 84.5 | 332 |
| May 1994 | 85.1 | 323 |
| June 1994 | 85.8 | 340 |
| July 1994 | 85.2 | 366 |
| August 1994 | 83.8 | 366 |
| September 1994 | 84.2 | 348 |
| October 1994 | 85.0 | 329 |
| November 1994 | 84.1 | 324 |
| December 1994 | 84.2 | 337 |
| January 1995 | 85.3 | 337 |
| February 1995 | 87.8 | 347 |
| March 1995 | 85.5 | 356 |
| April 1995 | 83.4 | 367 |
| May 1995 | 81.4 | 354 |
| June 1995 | 82.5 | 339 |
| July 1995 | 82.2 | 325 |
| August 1995 | 84.1 | 328 |
| September 1995 | 82.2 | 332 |
| October 1995 | 82.2 | 325 |
| November 1995 | 79.0 | 330 |
| December 1995 | 80.0 | 335 |
| January 1996 | 80.8 | 343 |
| February 1996 | 82.0 | 324 |
| March 1996 | 84.3 | 326 |
| April 1996 | 83.4 | 338 |
| May 1996 | 82.8 | 349 |
| June 1996 | 80.2 | 341 |
| July 1996 | 81.6 | 322 |
| August 1996 | 84.2 | 335 |
| September 1996 | 87.0 | 336 |
| October 1996 | 87.1 | 351 |
| November 1996 | 87.6 | 346 |
| December 1996 | 88.9 | 343 |
| January 1997 | 89.6 | 332 |

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5

| <u>Date of Survey</u> | <u>ICS</u> | <u>Cases</u> |
|-----------------------|------------|--------------|
| February 1997 | 88.9 | 337 |
| March 1997 | 88.4 | 344 |
| April 1997 | 89.0 | 359 |
| May 1997 | 90.3 | 348 |
| June 1997 | 92.2 | 347 |
| July 1997 | 95.1 | 332 |
| August 1997 | 95.2 | 334 |
| September 1997 | 95.0 | 327 |
| October 1997 | 92.7 | 334 |
| November 1997 | 96.1 | 336 |
| December 1997 | 94.2 | 351 |
| January 1998 | 95.1 | 351 |
| February 1998 | 95.4 | 362 |
| March 1998 | 97.6 | 349 |
| April 1998 | 99.2 | 342 |
| May 1998 | 97.7 | 329 |
| June 1998 | 98.5 | 339 |
| July 1998 | 96.8 | 342 |
| August 1998 | 95.5 | 344 |
| September 1998 | 94.5 | 331 |
| October 1998 | 93.5 | 333 |
| November 1998 | 93.9 | 336 |
| December 1998 | 94.3 | 342 |
| January 1999 | 94.0 | 340 |
| February 1999 | 94.6 | 338 |
| March 1999 | 95.8 | 318 |
| April 1999 | 95.6 | 296 |
| May 1999 | 94.8 | 275 |
| June 1999 | 92.9 | 275 |
| July 1999 | 94.8 | 299 |
| August 1999 | 94.0 | 313 |
| September 1999 | 94.7 | 327 |
| October 1999 | 94.6 | 327 |
| November 1999 | 95.9 | 321 |
| December 1999 | 94.8 | 334 |
| January 2000 | 96.4 | 321 |
| February 2000 | 99.4 | 331 |
| March 2000 | 99.6 | 342 |
| April 2000 | 98.3 | 352 |
| May 2000 | 96.8 | 350 |
| June 2000 | 98.6 | 333 |
| July 2000 | 99.6 | 355 |
| August 2000 | 97.9 | 365 |
| September 2000 | 96.6 | 386 |
| October 2000 | 94.1 | 382 |
| November 2000 | 96.5 | 386 |
| December 2000 | 95.7 | 371 |
| January 2001 | 92.8 | 372 |
| February 2001 | 86.3 | 365 |
| March 2001 | 83.5 | 362 |
| April 2001 | 82.7 | 347 |
| May 2001 | 82.3 | 344 |

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| <u>Date of Survey</u> | <u>ICS</u> | <u>Cases</u> |
|-----------------------|------------|--------------|
| June 2001 | 81.7 | 347 |
| July 2001 | 83.0 | 356 |
| August 2001 | 83.8 | 357 |
| September 2001 | 81.3 | 353 |
| October 2001 | 79.5 | 359 |
| November 2001 | 77.5 | 361 |
| December 2001 | 80.2 | 366 |
| January 2002 | 81.2 | 353 |
| February 2002 | 82.3 | 354 |
| March 2002 | 82.6 | 359 |
| April 2002 | 84.1 | 370 |
| May 2002 | 87.1 | 366 |
| June 2002 | 86.8 | 370 |
| July 2002 | 84.8 | 364 |
| August 2002 | 81.6 | 392 |
| September 2002 | 81.0 | 387 |
| October 2002 | 79.1 | 401 |
| November 2002 | 78.9 | 386 |
| December 2002 | 77.0 | 390 |
| January 2003 | 76.7 | 383 |
| February 2003 | 75.7 | 388 |
| March 2003 | 73.1 | 374 |
| April 2003 | 73.8 | 372 |
| May 2003 | 77.4 | 369 |
| June 2003 | 81.2 | 380 |
| July 2003 | 82.6 | 394 |
| August 2003 | 80.3 | 394 |
| September 2003 | 78.9 | 403 |
| October 2003 | 77.8 | 403 |
| November 2003 | 77.3 | 403 |
| December 2003 | 79.6 | 400 |
| January 2004 | 84.4 | 392 |
| February 2004 | 84.2 | 388 |
| March 2004 | 84.7 | 383 |
| April 2004 | 82.8 | 399 |
| May 2004 | 82.8 | 404 |
| June 2004 | 81.8 | 411 |
| July 2004 | 82.6 | 400 |
| August 2004 | 83.4 | 405 |
| September 2004 | 83.3 | 416 |
| October 2004 | 80.8 | 405 |
| November 2004 | 80.7 | 398 |
| December 2004 | 85.0 | 382 |
| January 2005 | 85.5 | 393 |
| February 2005 | 85.2 | 393 |
| March 2005 | 82.4 | 398 |
| April 2005 | 81.7 | 392 |
| May 2005 | 80.6 | 382 |
| June 2005 | 81.1 | 378 |
| July 2005 | 83.7 | 374 |
| August 2005 | 83.9 | 382 |
| September 2005 | 77.8 | 385 |

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| <u>Date of Survey</u> | <u>ICS</u> | <u>Cases</u> |
|-----------------------|------------|--------------|
| October 2005 | 71.4 | 391 |
| November 2005 | 68.1 | 388 |
| December 2005 | 70.7 | 384 |
| January 2006 | 74.3 | 370 |
| February 2006 | 76.5 | 374 |
| March 2006 | 77.0 | 375 |
| April 2006 | 75.7 | 387 |
| May 2006 | 73.1 | 388 |
| June 2006 | 71.3 | 381 |
| July 2006 | 68.7 | 370 |
| August 2006 | 69.8 | 379 |
| September 2006 | 71.9 | 399 |
| October 2006 | 76.4 | 415 |
| November 2006 | 81.6 | 420 |
| December 2006 | 83.1 | 417 |
| January 2007 | 84.5 | 410 |
| February 2007 | 81.2 | 394 |
| March 2007 | 79.8 | 383 |
| April 2007 | 77.5 | 391 |
| May 2007 | 77.8 | 403 |
| June 2007 | 76.9 | 408 |
| July 2007 | 75.8 | 408 |
| August 2007 | 72.2 | 397 |
| September 2007 | 70.4 | 389 |
| October 2007 | 69.0 | 381 |
| November 2007 | 68.4 | 381 |
| December 2007 | 66.4 | 385 |
| January 2008 | 66.2 | 402 |
| February 2008 | 66.9 | 395 |
| March 2008 | 65.1 | 381 |
| April 2008 | 60.8 | 366 |
| May 2008 | 57.3 | 373 |
| June 2008 | 54.8 | 392 |
| July 2008 | 55.6 | 410 |
| August 2008 | 55.9 | 402 |
| September 2008 | 60.7 | 384 |
| October 2008 | 60.6 | 377 |
| November 2008 | 60.2 | 405 |
| December 2008 | 57.2 | 416 |
| January 2009 | 56.4 | 417 |
| February 2009 | 57.2 | 398 |
| March 2009 | 58.0 | 408 |
| April 2009 | 60.2 | 406 |
| May 2009 | 62.9 | 430 |
| June 2009 | 65.7 | 424 |
| July 2009 | 67.1 | 423 |
| August 2009 | 65.0 | 407 |
| September 2009 | 65.7 | 425 |
| October 2009 | 65.0 | 424 |
| November 2009 | 64.9 | 421 |
| December 2009 | 64.6 | 413 |

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8

| <u>Date of Survey</u> | <u>ICS</u> | <u>Cases</u> |
|-----------------------|------------|--------------|
| January 2010 | 65.1 | 413 |
| February 2010 | 68.1 | 408 |
| March 2010 | 69.0 | 403 |
| April 2010 | 68.7 | 398 |
| May 2010 | 68.1 | 407 |
| June 2010 | 66.7 | 410 |
| July 2010 | 66.8 | 420 |
| August 2010 | 65.0 | 419 |
| September 2010 | 65.0 | 419 |
| October 2010 | 63.3 | 408 |
| November 2010 | 63.2 | 414 |
| December 2010 | 64.0 | 417 |
| January 2011 | 66.3 | 435 |
| February 2011 | 68.2 | 433 |
| March 2011 | 63.3 | 429 |
| April 2011 | 60.5 | 409 |
| May 2011 | 60.8 | 403 |
| June 2011 | 63.2 | 400 |
| July 2011 | 63.2 | 413 |
| August 2011 | 58.2 | 427 |
| September 2011 | 57.0 | 424 |
| October 2011 | 54.5 | 421 |
| November 2011 | 56.9 | 410 |
| December 2011 | 60.0 | 404 |
| January 2012 | 65.6 | 408 |
| February 2012 | 68.6 | 413 |
| March 2012 | 68.6 | 431 |
| April 2012 | 67.9 | 430 |
| May 2012 | 68.3 | 412 |
| June 2012 | 69.3 | 418 |
| July 2012 | 70.1 | 413 |
| August 2012 | 69.8 | 426 |
| September 2012 | 71.6 | 427 |
| October 2012 | 75.3 | 429 |
| November 2012 | 78.4 | 451 |
| December 2012 | 75.6 | 459 |
| January 2013 | 71.2 | 458 |
| February 2013 | 68.5 | 437 |
| March 2013 | 70.3 | 408 |
| April 2013 | 70.7 | 406 |
| May 2013 | 73.2 | 414 |
| June 2013 | 73.1 | 430 |
| July 2013 | 76.1 | 433 |
| August 2013 | 74.4 | 432 |
| September 2013 | 73.5 | 423 |
| October 2013 | 69.6 | 418 |
| November 2013 | 67.6 | 410 |
| December 2013 | 68.6 | 419 |
| January 2014 | 70.4 | 429 |
| February 2014 | 71.3 | 428 |
| March 2014 | 70.7 | 401 |
| April 2014 | 71.9 | 401 |

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9

| <u>Date of Survey</u> | <u>ICS</u> | <u>Cases</u> |
|-----------------------|------------|--------------|
| May 2014 | 73.3 | 397 |
| June 2014 | 73.8 | 421 |
| July 2014 | 74.2 | 408 |
| August 2014 | 73.4 | 397 |
| September 2014 | 73.2 | 389 |
| October 2014 | 73.3 | 397 |
| November 2014 | 76.8 | 399 |
| December 2014 | 82.2 | 383 |
| January 2015 | 87.6 | 375 |
| February 2015 | 91.6 | 379 |
| March 2015 | 90.6 | 399 |
| April 2015 | 88.4 | 399 |
| May 2015 | 84.6 | 417 |
| June 2015 | 85.7 | 408 |
| July 2015 | 85.6 | 402 |
| August 2015 | 87.1 | 411 |
| September 2015 | 84.7 | 405 |
| October 2015 | 85.5 | 412 |
| November 2015 | 85.9 | 396 |
| December 2015 | 86.9 | 403 |
| January 2016 | 85.6 | 409 |
| February 2016 | 83.9 | 405 |
| March 2016 | 82.6 | 417 |
| April 2016 | 82.0 | 421 |
| May 2016 | 84.2 | 428 |
| June 2016 | 85.5 | 412 |
| July 2016 | 85.9 | 421 |
| August 2016 | 83.6 | 432 |
| September 2016 | 82.4 | 464 |
| October 2016 | 79.9 | 463 |
| November 2016 | 81.2 | 477 |
| December 2016 | 84.0 | 478 |
| January 2017 | 88.1 | 486 |
| February 2017 | 89.1 | 479 |
| March 2017 | 86.9 | 475 |
| April 2017 | 85.6 | 475 |
| May 2017 | 84.8 | 468 |
| June 2017 | 85.6 | 466 |
| July 2017 | 85.8 | 460 |
| August 2017 | 85.1 | 468 |
| September 2017 | 85.2 | 475 |
| October 2017 | 88.2 | 480 |
| November 2017 | 90.4 | 481 |
| December 2017 | 90.3 | 472 |
| January 2018 | 86.9 | 478 |
| February 2018 | 83.5 | 475 |
| March 2018 | 87.0 | 481 |
| April 2018 | 89.2 | 467 |
| May 2018 | 92.6 | 468 |