

	Consumer Sentiment Index				Index of Current Economic Conditions			Index of Consumer Expectations		
	CSI	Annual change in the level	Monthly change in the level	CSIma 3 mth moving average	CEC	Monthly change in the level	CECma 3 mth moving average	ICE	Monthly change in the level	ICEma 3 mth moving average
	Monthly Index				Monthly Index			Monthly Index		
Feb-96	105.0				107.9			103.0		
Mar-96	102.5		-2.5		107.5	-0.3		99.0	-4.0	
Apr-96	104.5		2.1	104.0	111.5	3.9	109.0	99.9	0.8	100.6
May-96	102.4		-2.1	103.1	112.0	0.5	110.3	96.0	-3.8	98.3
Jun-96	104.2		1.7	103.7	110.5	-1.5	111.3	99.9	3.9	98.6
Jul-96	103.1		-1.0	103.2	111.2	0.7	111.2	97.7	-2.2	97.9
Aug-96	98.5		-4.6	101.9	109.4	-1.7	110.4	91.2	-6.5	96.3
Sep-96	101.9		3.4	101.2	108.3	-1.1	109.6	97.6	6.4	95.5
Oct-96	107.8		5.9	102.7	110.1	1.8	109.3	106.2	8.6	98.4
Nov-96	108.6		0.8	106.1	109.3	-0.8	109.2	108.1	1.9	104.0
Dec-96	111.3		2.8	109.2	105.0	-4.3	108.1	115.6	7.5	110.0
Jan-97	117.1		5.8	112.3	117.0	12.1	110.4	117.2	1.6	113.6
Feb-97	117.2	12.2	0.1	115.2	111.4	-5.6	111.1	121.1	3.9	118.0
Mar-97	118.6	16.1	1.4	117.6	118.2	6.8	115.5	118.8	-2.3	119.0
Apr-97	119.4	14.8	0.8	118.4	116.0	-2.2	115.2	121.7	2.9	120.5
May-97	120.8	18.3	1.4	119.6	116.5	0.5	116.9	123.6	2.0	121.4
Jun-97	123.0	18.9	2.3	121.1	118.9	2.4	117.1	125.8	2.2	123.7
Jul-97	120.7	17.6	-2.3	121.5	122.6	3.7	119.3	119.5	-6.3	123.0
Aug-97	119.3	20.7	-1.4	121.0	118.3	-4.3	120.0	119.9	0.5	121.7
Sep-97	125.0	23.1	5.8	121.7	120.2	1.9	120.4	128.3	8.3	122.6
Oct-97	123.2	15.5	-1.8	122.5	115.5	-4.7	118.0	128.4	0.2	125.6
Nov-97	124.6	16.1	1.4	124.3	117.0	1.5	117.6	129.7	1.3	128.8
Dec-97	122.4	11.1	-2.2	123.4	114.9	-2.2	115.8	127.5	-2.2	128.6
Jan-98	122.0	4.9	-0.4	123.0	126.8	11.9	119.6	118.9	-8.7	125.4
Feb-98	122.6	5.5	0.6	122.4	119.0	-7.8	120.2	125.1	6.2	123.8
Mar-98	122.3	3.7	-0.4	122.3	115.7	-3.4	120.5	126.7	1.6	123.5
Apr-98	122.3	2.9	0.0	122.4	117.8	2.2	117.5	125.3	-1.4	125.7
May-98	118.7	-2.0	-3.6	121.1	115.5	-2.3	116.3	120.9	-4.4	124.3
Jun-98	120.4	-2.7	1.6	120.5	115.2	-0.4	116.2	123.9	3.0	123.4
Jul-98	119.0	-1.7	-1.4	119.4	115.0	-0.1	115.2	121.7	-2.2	122.1
Aug-98	120.3	1.0	1.3	119.9	113.0	-2.0	114.4	125.2	3.5	123.6
Sep-98	119.5	-5.6	-0.8	119.6	117.3	4.2	115.1	121.0	-4.2	122.6
Oct-98	115.2	-8.0	-4.3	118.3	112.6	-4.7	114.3	117.0	-4.0	121.1
Nov-98	117.4	-7.2	2.2	117.4	117.0	4.4	115.6	117.7	0.7	118.6
Dec-98	119.2	-3.2	1.8	117.3	114.1	-2.9	114.6	122.6	4.9	119.1
Jan-99	125.8	3.8	6.6	120.8	122.3	8.1	117.8	128.2	5.6	122.9
Feb-99	118.4	-4.3	-7.5	121.1	114.8	-7.5	117.1	120.8	-7.4	123.9
Mar-99	121.4	-0.9	3.0	121.9	115.1	0.4	117.4	125.6	4.8	124.9
Apr-99	127.0	4.7	5.6	122.2	122.4	7.2	117.4	130.1	4.5	125.5
May-99	124.4	5.6	-2.6	124.2	118.2	-4.2	118.6	128.6	-1.5	128.1
Jun-99	126.9	6.6	2.5	126.1	121.5	3.3	120.7	130.6	2.0	129.7
Jul-99	128.3	9.3	1.4	126.5	124.7	3.2	121.4	130.7	0.1	130.0
Aug-99	124.4	4.1	-3.9	126.6	120.0	-4.7	122.1	127.4	-3.4	129.6
Sep-99	122.5	3.0	-2.0	125.1	121.6	1.5	122.1	123.1	-4.3	127.1
Oct-99	125.6	10.4	3.2	124.2	120.6	-0.9	120.7	129.0	6.0	126.5
Nov-99	128.2	10.7	2.5	125.4	120.2	-0.5	120.8	133.5	4.5	128.5
Dec-99	127.2	8.0	-1.0	127.0	116.5	-3.7	119.1	134.4	0.8	132.3
Jan-00	130.9	5.0	3.7	128.7	122.6	6.2	119.7	136.4	2.0	134.8
Feb-00	124.6	6.3	-6.2	127.6	118.4	-4.2	119.2	128.8	-7.6	133.2
Mar-00	125.5	4.1	0.8	127.0	121.9	3.5	121.0	127.9	-1.0	131.0
Apr-00	130.8	3.8	5.3	127.0	126.3	4.4	122.2	133.8	5.9	130.2
May-00	124.1	-0.3	-6.7	126.8	120.9	-5.4	123.0	126.2	-7.6	129.3
Jun-00	118.2	-8.7	-5.9	124.4	120.2	-0.7	122.5	116.9	-9.3	125.6
Jul-00	119.6	-8.7	1.4	120.7	117.1	-3.1	119.4	121.3	4.4	121.5
Aug-00	123.9	-0.6	4.2	120.6	120.1	3.0	119.2	126.4	5.1	121.5
Sep-00	113.8	-8.6	-10.0	119.1	113.0	-7.1	116.7	114.4	-12.0	120.7
Oct-00	114.8	-10.9	0.9	117.5	110.8	-2.2	114.6	117.5	3.0	119.4
Nov-00	110.3	-17.8	-4.4	113.0	110.3	-0.4	111.4	110.4	-7.1	114.1
Dec-00	115.7	-11.4	5.4	113.6	112.9	2.6	111.3	117.6	7.3	115.2
Jan-01	109.4	-21.5	-6.3	111.8	115.4	2.5	112.9	105.4	-12.3	111.1
Feb-01	110.6	-14.1	1.2	111.9	115.1	-0.3	114.5	107.6	2.2	110.2
Mar-01	99.5	-25.9	-11.0	106.5	110.7	-4.4	113.7	92.0	-15.5	101.7
Apr-01	100.3	-30.5	0.8	103.5	113.1	2.4	113.0	91.7	-0.3	97.1
May-01	103.4	-20.7	3.0	101.1	116.2	3.1	113.3	94.7	3.0	92.8
Jun-01	105.3	-13.0	1.9	103.0	118.4	2.1	115.9	96.5	1.7	94.3
Jul-01	96.9	-22.7	-8.4	101.8	114.0	-4.4	116.2	85.4	-11.0	92.2
Aug-01	84.2	-39.7	-12.7	95.4	109.0	-4.9	113.8	67.4	-18.0	83.1
Sep-01	82.9	-30.9	-1.2	88.0	111.0	2.0	111.3	64.1	-3.3	72.3
Oct-01	76.3	-38.5	-6.6	81.1	106.4	-4.6	108.8	56.1	-8.0	62.5
Nov-01	79.4	-30.9	3.1	79.6	105.8	-0.5	107.7	61.7	5.6	60.6
Dec-01	87.7	-28.0	8.3	81.1	114.1	8.3	108.8	69.9	8.2	62.6
Jan-02	91.7	-17.7	4.0	86.3	113.9	-0.2	111.3	76.8	6.9	69.5
Feb-02	88.0	-22.6	-3.8	89.1	104.1	-9.8	110.7	77.1	0.3	74.6
Mar-02	83.1	-16.4	-4.9	87.6	100.2	-4.0	106.0	71.6	-5.5	75.2
Apr-02	91.7	-8.6	8.6	87.6	100.5	0.4	101.6	85.8	14.2	78.2
May-02	92.4	-10.9	0.7	89.1	105.3	4.8	102.0	83.8	-2.0	80.4
Jun-02	89.0	-16.3	-3.5	91.0	103.9	-1.4	103.2	78.9	-4.9	82.8

Jul-02	78.3	-18.6	-10.7	86.6	94.6	-9.3	101.3	67.4	-11.5	76.7
Aug-02	73.3	-10.9	-5.0	80.2	93.3	-1.3	97.3	59.8	-7.5	68.7
Sep-02	70.3	-12.7	-3.0	74.0	86.9	-6.4	91.6	59.1	-0.7	62.1
Oct-02	65.9	-10.4	-4.4	69.8	84.0	-2.8	88.1	53.7	-5.4	57.5
Nov-02	66.5	-13.0	0.6	67.5	87.5	3.5	86.1	52.3	-1.4	55.0
Dec-02	63.8	-23.9	-2.7	65.4	81.7	-5.8	84.4	51.7	-0.6	52.6
Jan-03	64.5	-27.2	0.8	64.9	85.1	3.4	84.8	50.7	-1.0	51.6
Feb-03	62.3	-25.6	-2.2	63.5	82.1	-3.0	83.0	49.0	-1.7	50.5
Mar-03	62.8	-20.3	0.4	63.2	83.0	0.8	83.4	49.2	0.2	49.6
Apr-03	68.4	-23.3	5.6	64.5	85.5	2.6	83.5	56.9	7.7	51.7
May-03	66.5	-25.9	-1.9	65.9	82.7	-2.9	83.7	55.7	-1.2	53.9
Jun-03	65.8	-23.2	-0.7	66.9	83.0	0.4	83.8	54.2	-1.5	55.6
Jul-03	60.9	-17.4	-4.9	64.4	82.0	-1.0	82.6	46.7	-7.6	52.2
Aug-03	63.0	-10.2	2.2	63.2	83.0	1.0	82.7	49.6	3.0	50.2
Sep-03	68.0	-2.3	5.0	64.0	88.3	5.3	84.4	54.4	4.7	50.2
Oct-03	69.4	3.5	1.4	66.8	86.2	-2.1	85.8	58.1	3.7	54.0
Nov-03	78.2	11.8	8.9	71.9	86.6	0.4	87.0	72.6	14.5	61.7
Dec-03	78.3	14.6	0.1	75.3	84.4	-2.3	85.7	74.3	1.7	68.3
Jan-04	85.7	21.2	7.4	80.8	99.7	15.4	90.2	76.3	2.0	74.4
Feb-04	85.8	23.5	0.1	83.3	98.6	-1.1	94.2	77.2	0.9	75.9
Mar-04	86.9	24.1	1.1	86.1	96.1	-2.5	98.2	80.7	3.5	78.1
Apr-04	90.8	22.4	3.9	87.8	99.8	3.7	98.2	84.7	4.0	80.9
May-04	91.1	24.5	0.3	89.6	99.3	-0.6	98.4	85.5	0.9	83.6
Jun-04	90.1	24.3	-1.0	90.6	95.8	-3.5	98.3	86.3	0.7	85.5
Jul-04	96.6	35.7	6.5	92.6	101.0	5.2	98.7	93.6	7.3	88.5
Aug-04	93.6	30.5	-3.0	93.4	103.5	2.4	100.1	87.0	-6.6	88.9
Sep-04	95.5	27.5	1.9	95.2	101.0	-2.4	101.8	91.7	4.8	90.8
Oct-04	99.6	30.2	4.1	96.2	100.0	-1.0	101.5	99.3	7.6	92.7
Nov-04	92.6	14.4	-7.0	95.9	99.6	-0.5	100.2	87.9	-11.4	93.0
Dec-04	103.9	25.5	11.3	98.7	102.6	3.0	100.7	104.7	16.8	97.3
Jan-05	106.8	21.1	2.9	101.1	115.5	12.9	105.9	100.9	-3.8	97.9
Feb-05	99.5	13.7	-7.3	103.4	107.5	-8.0	108.5	94.2	-6.7	99.9
Mar-05	104.2	17.3	4.7	103.5	111.9	4.4	111.6	99.1	4.9	98.1
Apr-05	97.3	6.5	-7.0	100.3	105.2	-6.7	108.2	91.9	-7.2	95.1
May-05	97.4	6.3	0.1	99.6	109.6	4.4	108.9	89.2	-2.8	93.4
Jun-05	99.6	9.5	2.2	98.1	107.7	-1.9	107.5	94.2	5.0	91.8
Jul-05	96.5	-0.1	-3.1	97.8	101.9	-5.8	106.4	93.0	-1.2	92.1
Aug-05	91.0	-2.6	-5.5	95.7	102.8	1.0	104.1	83.0	-9.9	90.1
Sep-05	80.5	-15.0	-10.5	89.3	96.8	-6.0	100.5	69.5	-13.5	81.8
Oct-05	85.0	-14.6	4.5	85.5	94.4	-2.4	98.0	78.6	9.1	77.1
Nov-05	94.0	1.4	9.0	86.5	102.4	8.0	97.9	88.3	9.7	78.8
Dec-05	98.2	-5.6	4.3	92.4	102.2	-0.2	99.7	95.6	7.3	87.5
Jan-06	106.2	-0.6	7.9	99.5	116.7	14.5	107.1	99.1	3.5	94.3
Feb-06	102.9	3.4	-3.3	102.4	110.1	-6.6	109.7	98.0	-1.0	97.6
Mar-06	92.3	-11.9	-10.6	100.5	104.7	-5.4	110.5	84.0	-14.1	93.7
Apr-06	98.8	1.6	6.5	98.0	109.9	5.2	108.2	91.4	7.4	91.1
May-06	92.3	-5.1	-6.5	94.5	103.4	-6.5	106.0	84.8	-6.5	86.7
Jun-06	89.4	-10.3	-3.0	93.5	106.3	2.9	106.6	77.9	-6.9	84.7
Jul-06	90.9	-5.7	1.5	90.8	105.7	-0.6	105.1	80.9	2.9	81.2
Aug-06	84.8	-6.2	-6.0	88.3	99.2	-6.4	103.7	75.1	-5.7	78.0
Sep-06	86.5	6.0	1.7	87.4	97.0	-2.3	100.6	79.5	4.4	78.5
Oct-06	86.7	1.8	0.2	86.0	97.0	0.0	97.7	79.8	0.3	78.2
Nov-06	87.9	-6.1	1.1	87.0	95.2	-1.8	96.4	82.9	3.1	80.8
Dec-06	89.8	-8.5	1.9	88.1	92.8	-2.4	95.0	87.7	4.8	83.5
Jan-07	93.2	-13.0	3.4	90.3	101.9	9.1	96.6	87.3	-0.4	86.0
Feb-07	84.9	-18.0	-8.3	89.3	101.4	-0.5	98.7	73.8	-13.6	82.9
Mar-07	78.5	-13.8	-6.3	85.5	98.1	-3.3	100.4	65.4	-8.4	75.5
Apr-07	83.0	-15.8	4.5	82.1	98.8	0.8	99.4	72.4	7.0	70.5
May-07	85.7	-6.6	2.7	82.4	97.7	-1.1	98.2	77.7	5.3	71.8
Jun-07	83.2	-6.2	-2.6	84.0	96.6	-1.1	97.7	74.1	-3.6	74.7
Jul-07	74.7	-16.2	-8.5	81.2	90.8	-5.8	95.0	63.9	-10.2	71.9
Aug-07	72.0	-12.9	-2.7	76.6	92.4	1.6	93.3	58.2	-5.7	65.4
Sep-07	74.3	-12.3	2.3	73.6	93.6	1.2	92.3	61.2	3.0	61.1
Oct-07	71.8	-14.9	-2.4	72.7	91.8	-1.8	92.6	58.4	-2.8	59.3
Nov-07	63.1	-24.8	-8.8	69.7	83.7	-8.2	89.7	49.2	-9.2	56.3
Dec-07	62.7	-27.1	-0.4	65.9	82.5	-1.1	86.0	49.3	0.1	52.3
Jan-08	67.0	-26.2	4.3	64.3	91.7	9.2	86.0	50.4	1.1	49.6
Feb-08	63.5	-21.4	-3.5	64.4	83.4	-8.3	85.9	50.1	-0.3	49.9
Mar-08	63.3	-15.3	-0.2	64.6	83.0	-0.4	86.1	50.0	-0.2	50.1
Apr-08	56.0	-27.0	-7.3	60.9	75.1	-7.9	80.5	43.1	-6.9	47.7
May-08	48.8	-36.9	-7.2	56.0	72.9	-2.2	77.0	32.6	-10.5	41.9
Jun-08	42.2	-40.9	-6.6	49.0	65.7	-7.2	71.2	26.4	-6.2	34.1
Jul-08	39.6	-35.1	-2.6	43.5	63.8	-1.9	67.5	23.3	-3.1	27.5
Aug-08	43.4	-28.6	3.8	41.7	69.4	5.6	66.3	25.8	2.6	25.2
Sep-08	45.0	-29.2	1.6	42.7	67.1	-2.3	66.8	30.2	4.3	26.4
Oct-08	42.0	-29.8	-3.0	43.5	65.9	-1.3	67.5	26.0	-4.2	27.3
Nov-08	44.8	-18.3	2.7	43.9	71.2	5.4	68.1	27.0	1.0	27.7
Dec-08	50.2	-12.5	5.4	45.6	79.0	7.8	72.0	30.7	3.7	27.9
Jan-09	49.6	-17.4	-0.5	48.2	85.7	6.7	78.7	25.3	-5.4	27.7
Feb-09	44.2	-19.3	-5.4	48.0	75.6	-10.1	80.1	23.1	-2.2	26.4
Mar-09	44.1	-19.1	-0.1	46.0	76.2	0.6	79.1	22.5	-0.6	23.7
Apr-09	46.8	-9.2	2.7	45.0	75.1	-1.0	75.6	27.7	5.1	24.4

May-09	45.5	-22.9	-1.3	45.5		77.7	2.5	76.3		23.8	-3.9	24.7
Jun-09	53.4	11.2	7.9	48.5		74.6	-3.1	75.8		39.1	15.3	30.2
Jul-09	49.5	9.9	-3.9	49.5		77.6	3.0	76.6		30.6	-8.5	31.2
Aug-09	48.7	5.4	-0.8	50.5		78.6	1.1	76.9		28.6	-2.0	32.8
Sep-09	49.6	4.6	0.9	49.3		72.3	-6.4	76.1		34.4	5.8	31.2
Oct-09	54.2	12.2	4.6	50.8		74.7	2.5	75.2		40.4	6.0	34.5
Nov-09	53.6	8.8	-0.6	52.5		77.1	2.4	74.7		37.7	-2.6	37.5
Dec-09	53.3	3.2	-0.2	53.7		73.0	-4.1	74.9		40.1	2.4	39.4
Jan-10	64.6	15.0	11.2	57.2		87.7	14.7	79.3		49.0	8.9	42.3
Feb-10	59.4	15.2	-5.2	59.1		78.8	-8.8	79.8		46.3	-2.7	45.2
Mar-10	61.9	17.8	2.5	61.9		87.6	8.8	84.7		44.5	-1.8	46.6
Apr-10	65.6	18.9	3.8	62.3		83.4	-4.3	83.3		53.7	9.2	48.2
May-10	65.3	19.8	-0.3	64.3		82.5	-0.9	84.5		53.7	0.0	50.6
Jun-10	67.9	14.5	2.7	66.3		88.4	6.0	84.8		54.1	0.4	53.9
Jul-10	66.2	16.7	-1.7	66.5		85.7	-2.8	85.5		53.1	-1.0	53.7
Aug-10	61.4	12.7	-4.8	65.2		75.3	-10.3	83.1		52.1	-1.1	53.1
Sep-10	52.4	2.8	-9.1	60.0		73.8	-1.5	78.3		37.9	-14.1	47.7
Oct-10	48.1	-6.1	-4.3	54.0		76.7	2.9	75.3		28.8	-9.1	39.6
Nov-10	48.4	-5.2	0.3	49.6		76.6	-0.1	75.7		29.4	0.5	32.0
Dec-10	44.4	-9.0	-4.0	46.9		68.5	-8.1	73.9		28.1	-1.2	28.8
Jan-11	48.7	-15.9	4.3	47.1		74.2	5.7	73.1		31.5	3.4	29.7
Feb-11	50.3	-9.1	1.6	47.8		68.9	-5.2	70.5		37.8	6.3	32.5
Mar-11	59.5	-2.3	9.2	52.8		73.8	4.9	72.3		49.9	12.1	39.7
Apr-11	57.9	-7.8	-1.7	55.9		81.0	7.1	74.6		42.3	-7.6	43.3
May-11	59.4	-5.9	1.5	58.9		72.1	-8.8	75.6		50.8	8.5	47.7
Jun-11	56.3	-11.6	-3.0	57.9		71.5	-0.6	74.8		46.2	-4.6	46.4
Jul-11	55.9	-10.3	-0.4	57.2		74.2	2.7	72.6		43.6	-2.6	46.9
Aug-11	55.8	-5.6	-0.1	56.0		72.6	-1.6	72.8		44.5	0.9	44.8
Sep-11	53.3	0.9	-2.5	55.0		72.3	-0.3	73.0		40.5	-4.0	42.9
Oct-11	63.7	15.6	10.4	57.6		82.2	9.9	75.7		51.3	10.8	45.4
Nov-11	60.1	11.7	-3.6	59.0		80.1	-2.1	78.2		46.6	-4.7	46.1
Dec-11	49.2	4.8	-10.9	57.7		74.2	-5.9	78.8		32.4	-14.2	43.4
Jan-12	56.6	7.9	7.3	55.3		83.6	9.4	79.3		38.4	6.0	39.1
Feb-12	57.0	6.7	0.5	54.3		78.3	-5.3	78.7		42.7	4.3	37.8
Mar-12	60.6	1.1	3.6	58.1		74.5	-3.8	78.8		51.2	8.5	44.1
Apr-12	62.5	4.7	1.9	60.1		78.7	4.2	77.2		51.7	0.4	48.5
May-12	61.0	1.6	-1.6	61.4		76.4	-2.3	76.5		50.6	-1.1	51.2
Jun-12	62.3	6.0	1.4	61.9		81.4	5.0	78.8		49.5	-1.1	50.6
Jul-12	67.7	11.8	5.4	63.7		84.7	3.3	80.8		56.3	6.8	52.1
Aug-12	70.0	14.2	2.3	66.7		83.2	-1.5	83.1		61.0	4.7	55.6
Sep-12	60.2	6.9	-9.7	66.0		77.6	-5.7	81.8		48.6	-12.5	55.3
Oct-12	60.9	-2.8	0.6	63.7		79.5	1.9	80.1		48.4	-0.2	52.7
Nov-12	63.8	3.7	2.9	61.6		82.4	2.9	79.8		51.2	2.9	49.4
Dec-12	49.8	0.5	-14.0	58.1		66.1	-16.3	76.0		38.8	-12.5	46.1