

	Consumer Sentiment Index				Index of Current Economic Conditions			Index of Consumer Expectations		
	CSI		CSIma		CEC	CECma		ICE	ICEma	
	Monthly Index	Annual change in the level	Monthly change in the level	3 mth moving average	Monthly Index	Monthly change in the level	3 mth moving average	Monthly Index	Monthly change in the level	3 mth moving average
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

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
Jan-13	64.2	7.7	14.5	59.3	78.8	12.7	75.8	54.4	15.7	48.1
Feb-13	59.4	2.3	-4.9	57.8	73.2	-5.6	72.7	50.0	-4.4	47.7
Mar-13	60.0	-0.6	0.6	61.2	75.5	2.2	75.8	49.5	-0.5	51.3
Apr-13	58.9	-3.7	-1.1	59.4	75.4	0.0	74.7	47.7	-1.8	49.1
May-13	61.2	0.2	2.3	60.0	76.0	0.5	75.6	51.3	3.5	49.5
Jun-13	70.6	8.3	9.4	63.5	83.7	7.8	78.4	61.7	10.5	53.6
Jul-13	68.2	0.5	-2.3	66.7	86.5	2.8	82.1	55.9	-5.8	56.3
Aug-13	66.8	-3.2	-1.4	68.5	83.3	-3.2	84.5	55.7	-0.2	57.8
Sep-13	73.1	12.8	6.2	69.4	86.0	2.7	85.3	64.4	8.6	58.7
Oct-13	76.2	15.4	3.2	72.0	93.3	7.3	87.5	64.8	0.4	61.6
Nov-13	71.0	7.3	-5.2	73.4	80.2	-13.0	86.5	64.8	0.1	64.7
Dec-13	79.8	30.0	8.8	75.7	90.3	10.0	87.9	72.7	7.9	67.4
Jan-14	84.6	20.3	4.8	78.5	97.6	7.3	89.3	75.8	3.1	71.1
Feb-14	85.5	26.1	0.9	83.3	100.2	2.6	96.0	75.6	-0.2	74.7
Mar-14	83.1	23.1	-2.4	84.4	90.4	-9.7	96.0	78.1	2.5	76.5
Apr-14	87.2	28.4	4.2	85.3	97.0	6.6	95.9	80.6	2.5	78.1
May-14	79.4	18.2	-7.8	83.2	90.6	-6.4	92.7	71.8	-8.8	76.9
Jun-14	81.1	10.5	1.7	82.6	95.8	5.2	94.5	71.2	-0.7	74.5
Jul-14	89.4	21.1	8.3	83.3	103.5	7.7	96.6	79.9	8.7	74.3
Aug-14	87.1	20.3	-2.3	85.9	98.3	-5.2	99.2	79.6	-0.3	76.9
Sep-14	92.8	19.7	5.7	89.8	103.3	5.0	101.7	85.7	6.1	81.7
Oct-14	85.5	9.3	-7.3	88.5	94.1	-9.2	98.6	79.7	-6.0	81.7
Nov-14	85.3	14.3	-0.2	87.9	95.7	1.6	97.7	78.4	-1.4	81.3
Dec-14	90.5	10.7	5.1	87.1	100.4	4.7	96.8	83.8	5.4	80.6
Jan-15	101.1	16.5	10.7	92.3	112.8	12.4	103.0	93.2	9.5	85.1
Feb-15	96.1	10.6	-5.0	95.9	107.2	-5.6	106.8	88.6	-4.6	88.5
Mar-15	97.8	14.8	1.7	98.3	110.0	2.8	110.0	89.6	1.0	90.5
Apr-15	98.7	11.5	0.9	97.6	109.0	-1.0	108.7	91.8	2.2	90.0
May-15	98.5	19.1	-0.3	98.3	107.7	-1.2	108.9	92.2	0.4	91.2
Jun-15	102.8	21.8	4.4	100.0	113.9	6.1	110.2	95.4	3.2	93.2
Jul-15	99.7	10.3	-3.2	100.3	108.0	-5.9	109.9	94.1	-1.3	93.9
Aug-15	101.1	14.0	1.5	101.2	112.6	4.7	111.5	93.4	-0.7	94.3
Sep-15	100.6	7.9	-0.5	100.5	112.5	-0.2	111.0	92.7	-0.7	93.4
Oct-15	101.3	15.7	0.6	101.0	111.2	-1.3	112.1	94.6	1.9	93.6
Nov-15	103.1	17.8	1.8	101.7	110.8	-0.3	111.5	97.9	3.3	95.1
Dec-15	103.9	13.5	0.8	102.8	112.9	2.1	111.6	97.9	0.0	96.8
Jan-16	108.6	7.5	4.7	105.2	121.4	8.5	115.0	100.0	2.1	98.6

Feb-16	105.8	9.7	-2.9	106.1		121.0	-0.4	118.4		95.5	-4.5	97.8
Mar-16	100.6	2.7	-5.2	105.0		114.5	-6.5	118.9		91.2	-4.3	95.6
Apr-16	102.7	4.0	2.1	103.0		117.3	2.8	117.6		92.9	1.7	93.2
May-16	98.1	-0.4	-4.7	100.4		111.4	-5.8	114.4		89.1	-3.9	91.1
Jun-16	103.4	0.5	5.3	101.4		114.5	3.1	114.4		95.9	6.8	92.6
Jul-16	99.6	0.0	-3.8	100.4		122.3	7.8	116.1		84.4	-11.5	89.8
Aug-16	102.7	1.6	3.1	101.9		120.4	-1.9	119.1		90.8	6.4	90.4
Sep-16	102.0	1.3	-0.7	101.4		122.1	1.7	121.6		88.4	-2.3	87.9
Oct-16	97.3	-3.9	-4.6	100.7		112.9	-9.2	118.5		86.9	-1.6	88.7
Nov-16	97.8	-5.3	0.4	99.0		115.6	2.7	116.9		85.8	-1.1	87.0
Dec-16	96.2	-7.8	-1.6	97.1		113.6	-2.0	114.0		84.5	-1.3	85.7
Jan-17	103.1	-5.5	6.9	99.0		122.8	9.2	117.3		89.9	5.4	86.7
Feb-17	100.7	-5.0	-2.4	100.0		117.9	-4.8	118.1		89.1	-0.8	87.8
Mar-17	101.9	1.3	1.1	101.9		119.7	1.7	120.1		89.9	0.7	89.6
Apr-17	102.0	-0.7	0.2	101.5		122.4	2.8	120.0		88.3	-1.6	89.1
May-17	100.5	2.5	-1.5	101.5		118.0	-4.4	120.0		88.8	0.5	89.0
Jun-17	105.0	1.6	4.5	102.5		123.4	5.4	121.3		92.7	3.9	89.9
Jul-17	105.1	5.5	0.1	103.6		124.6	1.3	122.0		92.0	-0.6	91.2
Aug-17	102.9	0.2	-2.3	104.3		117.0	-7.6	121.7		93.3	1.3	92.7
Sep-17	105.8	3.8	2.9	104.6		123.4	6.4	121.7		94.0	0.7	93.1
Oct-17	104.8	7.5	-1.0	104.5		120.5	-2.8	120.3		94.3	0.3	93.9
Nov-17	103.6	5.9	-1.2	104.8		121.7	1.1	121.9		91.5	-2.8	93.2
Dec-17	103.2	7.1	-0.4	103.9		122.9	1.3	121.7		90.0	-1.5	91.9
Jan-18	110.4	7.3	7.2	105.8		129.6	6.7	124.7		97.5	7.5	93.0
Feb-18	105.2	4.5	-5.2	106.3		123.3	-6.3	125.3		93.1	-4.4	93.5
Mar-18	108.1	6.2	2.8	107.9		126.4	3.2	126.4		95.7	2.6	95.4
Apr-18	104.0	2.0	-4.0	105.8		119.8	-6.6	123.2		93.4	-2.3	94.1
May-18	106.7	6.1	2.6	106.3		125.7	5.9	124.0		93.9	0.5	94.3
Jun-18	102.1	-2.9	-4.5	104.3		119.8	-5.9	121.7		90.3	-3.6	92.5
Jul-18	107.6	2.5	5.5	105.5		128.9	9.1	124.8		93.4	3.1	92.5
Aug-18	102.4	-0.5	-5.2	104.1		123.2	-5.7	123.9		88.4	-5.0	90.7
Sep-18	96.4	-9.4	-6.0	102.2		115.4	-7.8	122.5		83.7	-4.7	88.5
Oct-18	93.5	-11.4	-3.0	97.4		110.3	-5.1	116.3		82.1	-1.6	84.7
Nov-18	96.5	-7.2	3.0	95.4		114.6	4.3	113.4		84.3	2.1	83.4
Dec-18	96.5	-6.7	0.1	95.5		119.2	4.6	114.7		81.2	-3.0	82.5
Jan-19	98.8	-11.6	2.3	97.3		125.1	5.9	119.6		81.1	-0.1	82.2
Feb-19	86.5	-18.8	-12.3	93.9		119.7	-5.4	121.3		64.1	-17.0	75.5
Mar-19	93.1	-14.9	6.7	92.8		120.1	0.4	121.6		75.0	10.9	73.4
Apr-19	87.7	-16.3	-5.4	89.1		113.1	-6.9	117.6		70.6	-4.4	69.9