



HISTORICAL DATA Sheet 1 : 1994 to 1997

All MOS data are expressed in 8 inch equivalent wafers. Bipolar data are expressed in 5 inch equivalent wafers.
 "Total IC's" include Bipolar data which were converted for this purpose from 5 inch to 8 inch equivalent wafers by using the factor 0.391.

Up to and including the year 2000 the MOS data were collected in 6 inch equivalent wafers, and these data were converted for this table to 8 inch equivalent wafers by using the factor 0.563.

Before 1Q-04 the category "Smaller than 200mm wafers in MOS Total" was labelled "Other than 8 inch wafers in MOS Total", and this also included 300mm wafers.

1H 94	2H 94	1H 95	2H 95	1H 96	2H 96	1Q 97	2Q 97	3Q 97	4Q 97
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Capacity

Wafer-starts per week x1000

MOS>=0.7µm	390.8	397.8	386.3	394.6	365.8	345.1	338.6	324.1	319.7	313.9
MOS<0.7µm	82.0	113.1	181.2	239.0	335.6	381.4	393.9	470.1	496.0	508.3
MOS<0.7µm to >=0.4µm							258.7	283.9	260.0	261.3
MOS<0.4µm							135.2	186.2	236.0	247.0
MOS<0.4µm to >=0.3µm										
MOS<0.3µm										
MOS<0.3µm to >=0.2µm										
MOS<0.2µm										
MOS<0.2µm to >=0.16µm										
MOS<0.16µm										
MOS TOTAL	472.8	510.9	567.5	633.6	701.4	726.5	732.5	794.2	815.7	822.2
BIPOLAR, 5 inch equiv.	290.5	292.4	309.9	321.4	322.6	310.1	322.3	329.4	328.5	342.3
TOTAL IC's, 8 inch equiv.	586.3	625.1	688.6	759.2	827.4	847.7	858.4	922.9	944.0	955.9
Foundry wafers in MOS Total										
Smaller than 200mm wafers in MOS Total							455.1	467.8	469.8	459.5
200mm wafers in MOS Total							277.4	326.4	345.9	362.7
300mm wafers in MOS Total, 8 inch equiv.										
300mm wafers in MOS Total, numbers										

Actual Wafer-starts

per week x1000

MOS>=0.7µm	374.1	381.3	375.5	381.2	332.3	295.9	301.8	295.9	296.2	287.6
MOS<0.7µm	79.0	109.7	173.5	232.9	296.8	343.1	349.3	427.5	468.2	480.4
MOS<0.7µm to >=0.4µm							228.4	251.3	243.7	242.0
MOS<0.4µm							120.9	176.2	224.5	238.4
MOS<0.4µm to >=0.3µm										
MOS<0.3µm										
MOS<0.3µm to >=0.2µm										
MOS<0.2µm										
MOS<0.2µm to >=0.16µm										
MOS<0.16µm										
MOS TOTAL	453.1	491.0	549.0	614.1	629.1	639.0	651.1	723.4	764.4	768
BIPOLAR, 5 inch equiv.	251.8	257.8	281.5	293.0	276.2	233.0	250.0	282.7	284.7	300.5
TOTAL IC's, 8 inch equiv.	551.5	591.7	659.0	728.6	737.0	730.0	748.8	833.9	875.6	885.4
Foundry wafers in MOS Total										
Smaller than 200mm wafers in MOS Total										
200mm wafers in MOS Total										
300mm wafers in MOS Total, 8 inch equiv.										
300mm wafers in MOS Total, numbers										

Utilisation

Percent

MOS>=0.7µm	95.7	95.9	97.2	96.6	90.8	85.7	89.1	91.3	92.6	91.6
MOS<0.7µm	96.3	97.0	95.8	97.4	88.4	90.0	88.7	90.9	94.4	94.5
MOS<0.7µm to >=0.4µm							88.3	88.5	93.7	92.6
MOS<0.4µm							89.4	94.6	95.1	96.5
MOS<0.4µm to >=0.3µm										
MOS<0.3µm										
MOS<0.3µm to >=0.2µm										
MOS<0.2µm										
MOS<0.2µm to >=0.16µm										
MOS<0.16µm										
MOS TOTAL	95.8	96.1	96.7	96.9	89.7	88.0	88.9	91.1	93.7	93.4
BIPOLAR	86.7	88.2	90.8	91.2	85.6	75.1	77.6	85.8	86.7	87.8
TOTAL IC's	94.1	94.7	95.7	96.0	89.1	86.1	87.2	90.4	92.8	92.6
Foundry wafers in MOS Total										
Smaller than 200mm wafers in MOS Total										
200mm wafers in MOS Total										
300mm wafers in MOS Total										

All MOS data are expressed in 8 inch equivalent wafers. Bipolar data are expressed in 5 inch equivalent wafers.

"Total IC's" include Bipolar data which were converted for this purpose from 5 inch to 8 inch equivalent wafers by using the factor 0.391.

Up to and including the year 2000 the MOS data were collected in 6 inch equivalent wafers, and these data were converted for this table to 8 inch equivalent wafers by using the factor 0.563.

Before 1Q-04 the category "Smaller than 200mm wafers in MOS Total" was labelled "Other than 8 inch wafers in MOS Total", and this also included 300mm wafers.

1Q 98	2Q 98	3Q 98	4Q 98	1Q 99	2Q 99	3Q 99	4Q 99	1Q 00	2Q 00	3Q 00	4Q 00
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Capacity.

Wafer-starts per week x1000

MOS>=0.7µm	307.3	310.9	301.7	281.3	266.9	273.7	276.2	277.4	274.2	276.2	273.1	270.6
MOS<0.7µm	521.5	542.5	558.1	557.0	558.3	583.0	594.3	615.4	713.9	746.2	823.9	884.8
MOS<0.7µm to >=0.4µm	245.9	233.5	216.2	196.0	196.5	204.4	198.5	180.8	202.1	205.2	212.3	224.7
MOS<0.4µm	275.6	309.0	341.9	361.0	361.8	378.6	395.8	434.6	511.8	541.0	611.6	660.1
MOS<0.4µm to >=0.3µm					198.2	197.6	194.1	174.0	186.0	190.2	205.8	207.8
MOS<0.3µm					163.6	181.0	201.7	260.6	325.8	350.8	405.8	452.3
MOS<0.3µm to >=0.2µm												
MOS<0.2µm												
MOS<0.2µm to >=0.16µm												
MOS<0.16µm												
MOS TOTAL	828.8	853.4	859.8	838.3	825.2	856.7	870.5	892.8	988.1	1022.4	1097.0	1155.4

BIPOLAR, 5 inch equiv.	349.4	337.4	360.1	339.9	297.3	305.5	299.8	303.1	308.1	313.6	320.4	325.6
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TOTAL IC's, 8 inch equiv.	965.4	985.3	1000.6	971.2	941.4	976.2	987.7	1011.3	1108.6	1145.0	1222.3	1282.7
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Foundry wafers in MOS Total												
Smaller than 200mm wafers in MOS Total	458.5	467.8	425.9	396.5	388.4	380.4	389.6	374.5	387.8	400.2	403.3	456.0
200mm wafers in MOS Total	370.3	385.6	433.9	441.8	436.8	476.3	480.9	518.3	600.3	622.2	693.7	699.4
300mm wafers in MOS Total, 8 inch equiv.												
300mm wafers in MOS Total, numbers												

Actual Wafer-starts

per week x1000

MOS>=0.7µm	278.5	265.2	243.8	222.4	221.3	242.0	252.7	254.7	255.9	259.5	260.2	254.3
MOS<0.7µm	469.2	472.2	457.6	472.8	487.4	528.2	544.2	589.0	685.2	717.1	804.9	824.6
MOS<0.7µm to >=0.4µm	207.9	188.2	156.1	147.0	154.6	172.8	174.1	172.0	193.2	199.0	207.9	208.6
MOS<0.4µm	261.3	284.0	301.5	325.8	332.8	355.4	370.1	417.0	492.0	518.1	597.0	616.0
MOS<0.4µm to >=0.3µm					180.6	185.9	177.4	163.0	174.9	180.7	202.6	197.9
MOS<0.3µm					152.2	169.5	192.7	254.0	317.1	337.4	394.4	418.1
MOS<0.3µm to >=0.2µm												
MOS<0.2µm												
MOS<0.2µm to >=0.16µm												
MOS<0.16µm												
MOS TOTAL	747.7	737.4	701.4	695.2	708.7	770.2	796.9	843.7	941.1	976.6	1065.1	1078.9

BIPOLAR, 5 inch equiv.	300.7	285.0	273.5	252.0	221.2	254.2	258.0	270.4	275.2	284.3	288.2	284.7
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TOTAL IC's, 8 inch equiv.	865.3	848.8	808.3	793.7	795.2	869.6	897.8	949.4	1048.7	1087.8	1177.8	1190.2
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Foundry wafers in MOS Total												
Smaller than 200mm wafers in MOS Total	403.3	394.6	324.5	302.2	303.9	331.5	352.6	348.7	356.4	365.0	380.3	402.9
200mm wafers in MOS Total	344.4	342.8	376.9	393.0	404.8	438.7	444.3	495.0	584.4	611.6	684.8	676.0
300mm wafers in MOS Total, 8 inch equiv.												
300mm wafers in MOS Total, numbers												

Utilisation.

Percent

MOS>=0.7µm	90.6	85.3	80.8	79.1	82.9	88.4	91.5	91.8	93.3	94.0	95.3	94.0
MOS<0.7µm	90.0	87.0	82.0	84.9	87.3	90.6	91.6	95.7	96.0	96.1	97.7	93.2
MOS<0.7µm to >=0.4µm	84.5	80.6	72.2	75.0	78.7	84.5	87.7	95.1	95.6	97.0	97.9	92.8
MOS<0.4µm	94.8	91.9	88.2	90.2	92.0	93.9	93.5	96.0	96.1	95.8	97.6	93.3
MOS<0.4µm to >=0.3µm					91.1	94.1	91.4	93.7	94.0	95.0	98.4	95.2
MOS<0.3µm					93.0	93.6	95.5	97.5	97.3	96.2	97.2	92.4
MOS<0.3µm to >=0.2µm												
MOS<0.2µm												
MOS<0.2µm to >=0.16µm												
MOS<0.16µm												
MOS TOTAL	90.2	86.4	81.6	82.9	85.9	89.9	91.5	94.5	95.2	95.5	97.1	93.4

BIPOLAR	86.1	84.5	76.0	74.1	74.4	83.2	86.1	89.2	89.3	90.7	90.0	87.4
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TOTAL IC's	89.6	86.1	80.8	81.7	84.5	89.1	90.9	93.9	94.6	95.0	96.4	92.8
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Foundry wafers in MOS Total												
Smaller than 200mm wafers in MOS Total	88.0	84.4	76.2	76.2	78.2	87.1	90.5	93.1	91.9	91.2	94.3	88.4
200mm wafers in MOS Total	93.0	88.9	86.9	89.0	92.7	92.1	92.4	95.5	97.4	98.3	98.7	96.7
300mm wafers in MOS Total												

All MOS data are expressed in 8 inch equivalent wafers. Bipolar data are expressed in 5 inch equivalent wafers.
 "Total IC's" include Bipolar data which were converted for this purpose from 5 inch to 8 inch equivalent wafers by using the factor 0.391.

Before 1Q-04 the category "Smaller than 200mm wafers in MOS Total" was labelled "Other than 8 inch wafers in MOS Total", and this also included 300mm wafers.

1Q 01	2Q 01	3Q 01	4Q 01	1Q 02	2Q 02	3Q 02	4Q 02	1Q 03	2Q 03	3Q 03	4Q 03
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Capacity.

Wafer-starts per week x1000

MOS>=0.7µm	265.7	258.3	245.2	230.3	245.4	245.4	244.2	220.6	222.9	221.3	211.1	211.6
MOS<0.7µm	892.8	936.8	965.2	938.8	896.8	904.6	925.2	959.2	920.7	975.6	1017.7	1024.2
MOS<0.7µm to >=0.4µm	205.2	214.4	209.3	193.4	172.1	172.2	168.2	162.4	149.9	160.5	163.6	159.8
MOS<0.4µm	687.6	722.4	755.9	745.4	724.7	732.4	757.0	796.8	770.8	815.1	854.1	864.4
MOS<0.4µm to >=0.3µm	177.0	187.7	192.1	184.9	192.1	196.0	197.3	207.1	196.6	194.9	198.8	198.2
MOS<0.3µm	510.6	534.7	563.8	560.5	532.6	536.4	559.7	589.7	574.2	620.2	655.3	666.2
MOS<0.3µm to >=0.2µm	288.8	241.2	246.6	234.7	151.3	135.4	138.9	136.7	111.0	111.2	106.7	110.5
MOS<0.2µm	221.8	293.5	317.2	325.8	381.3	401.0	420.8	453.0	463.2	509.0	548.6	555.7
MOS<0.2µm to >=0.16µm									215.2	217.6	226.1	208.8
MOS<0.16µm									248.0	291.4	322.5	346.9
MOS TOTAL	1158.5	1195.1	1210.4	1169.1	1142.2	1150.0	1169.4	1179.8	1143.6	1196.9	1228.8	1235.8

BIPOLAR, 5 inch equiv.	298.9	303.9	291.6	281.5	274.6	272.2	270.6	269.4	271.1	284.3	283.5	266.6
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TOTAL IC's, 8 inch equiv.	1275.4	1313.9	1324.4	1279.2	1249.6	1256.4	1275.2	1285.1	1249.6	1308.1	1339.6	1340.0
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Foundry wafers in MOS Total					134.5	154.4	166.0	156.7	145.0	147.6	155.3	162.8
Smaller than 200mm wafers in MOS Total	453.5	460.3	464.5	429.2	413.1	395.7	392.6	342.7	371.8	415.7	404.4	418.4
200mm wafers in MOS Total	705.0	734.8	745.9	739.9	729.1	754.3	776.8	837.1	771.8	781.2	824.4	817.4
300mm wafers in MOS Total, 8 inch equiv.												
300mm wafers in MOS Total, numbers												

Actual Wafer-starts

per week x1000

MOS>=0.7µm	214.4	189.3	163.4	153.3	191.9	219.6	218.1	185.1	187.2	194.0	179.1	183.9
MOS<0.7µm	761.4	692.1	611.7	619.3	698.5	784.5	793.3	781.0	768.4	840.0	916.9	953.6
MOS<0.7µm to >=0.4µm	179.7	144.4	121.2	114.5	120.8	140.7	142.5	123.6	117.2	134.1	138.7	143.2
MOS<0.4µm	581.7	547.7	490.5	504.8	577.7	643.8	650.8	657.4	651.2	705.9	778.2	810.4
MOS<0.4µm to >=0.3µm	151.7	123.6	101.2	103.1	132.0	157.0	151.0	151.3	152.4	153.8	161.4	176.6
MOS<0.3µm	430.0	424.1	389.3	401.7	445.7	486.8	499.8	506.1	498.8	552.1	616.8	633.8
MOS<0.3µm to >=0.2µm	250.3	178.5	138.8	129.8	100.2	111.0	108.5	100.0	84.0	92.0	97.4	96.6
MOS<0.2µm	179.7	245.6	250.5	271.9	345.5	375.8	391.3	406.1	414.8	460.1	519.4	537.2
MOS<0.2µm to >=0.16µm									186.9	184.1	207.3	195.7
MOS<0.16µm									227.9	276.0	312.1	341.5
MOS TOTAL	975.8	881.4	775.1	772.6	890.4	1004.1	1011.4	966.1	955.6	1034.0	1096.0	1137.5

BIPOLAR, 5 inch equiv.	239.5	205.8	191.2	179.3	193.4	226.1	226.4	206.4	201.7	230.7	235.8	229.5
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TOTAL IC's, 8 inch equiv.	1069.4	961.9	849.9	842.7	966.0	1092.5	1099.9	1046.8	1034.5	1124.2	1188.2	1227.2
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Foundry wafers in MOS Total					84.7	123.3	118.4	96.6	100.2	128.4	142.9	160.5
Smaller than 200mm wafers in MOS Total	370.8	324.6	281.3	273.9	301.1	342.1	353.0	277.0	312.5	346.5	351.8	373.5
200mm wafers in MOS Total	605.0	556.8	493.8	498.7	589.3	662.0	658.4	689.1	643.1	687.5	744.2	764.0
300mm wafers in MOS Total, 8 inch equiv.												
300mm wafers in MOS Total, numbers												

Utilisation.

Percent

MOS>=0.7µm	80.7	73.3	66.6	66.6	78.2	89.5	89.3	83.9	84.0	87.7	84.8	86.9
MOS<0.7µm	85.3	73.9	63.4	66.0	77.9	86.7	85.7	81.4	83.5	86.1	90.1	93.1
MOS<0.7µm to >=0.4µm	87.6	67.4	57.9	59.2	70.2	81.7	84.7	76.1	78.2	83.6	84.8	89.6
MOS<0.4µm	84.6	75.8	64.9	67.7	79.7	87.9	86.0	82.5	84.5	86.6	91.1	93.8
MOS<0.4µm to >=0.3µm	85.7	65.8	52.7	55.8	68.7	80.1	76.5	73.1	77.5	78.9	81.2	89.1
MOS<0.3µm	84.2	79.3	69.0	71.7	83.7	90.8	89.3	85.8	86.9	89.0	94.1	95.1
MOS<0.3µm to >=0.2µm	86.7	74.0	56.3	55.3	66.2	82.0	78.1	73.2	75.7	82.7	91.3	87.4
MOS<0.2µm	81.0	83.7	79.0	83.5	90.6	93.7	93.0	89.6	89.6	90.4	94.7	96.7
MOS<0.2µm to >=0.16µm									86.8	84.6	91.7	93.7
MOS<0.16µm									91.9	94.7	96.8	98.4
MOS TOTAL	84.2	73.8	64.0	66.1	78.0	87.3	86.5	81.9	83.6	86.4	89.2	92.0

BIPOLAR	80.1	67.7	65.6	63.7	70.4	83.1	83.7	76.6	74.4	81.1	83.2	86.1
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TOTAL IC's	83.9	73.2	64.2	65.9	77.3	87.0	86.3	81.5	82.8	85.9	88.7	91.6
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Foundry wafers in MOS Total					63.0	79.9	71.3	61.6	69.1	87.0	92.0	98.6
Smaller than 200mm wafers in MOS Total	81.8	70.5	60.6	63.8	72.9	86.5	89.9	80.8	84.1	83.4	87.0	89.3
200mm wafers in MOS Total	85.8	75.8	66.2	67.4	80.8	87.8	84.8	82.3	83.3	88.0	90.3	93.5
300mm wafers in MOS Total												

All MOS data are expressed in 8 inch equivalent wafers, except for the data lines "300mm wafers in MOS Total, numbers". Bipolar data are expressed in 5 inch equivalent wafers. Discrete Semiconductors data are expressed in 6 inch equivalent wafers. "Total IC's" include Bipolar data which were converted for this purpose from 5 inch to 8 inch equivalent wafers by using the factor 0.391. "Total SC's" include Discrete Semiconductor data which were converted for this purpose from 6 inch to 8 inch equivalent wafers by using the factor 0.563. Before 1Q-04 the category "Smaller than 200mm wafers in MOS Total" was labelled "Other than 8 inch wafers in MOS Total", and this also included 300mm wafers.

	1Q 04	2Q 04	3Q 04	4Q 04	1Q 05	2Q 05	3Q 05	4Q 05	1Q 06	2Q 06	3Q 06	4Q 06
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Capacity.

Wafer-starts per week x1000

MOS>=0.7µm	213.2	210.4	208.1	178.6	174.6	162.9	175.4	174.9	185.9	179.0	170.9	171.8
MOS<0.7µm	1052.1	1086.6	1137.2	1184.8	1229.3	1264.7	1307.5	1363.3	1425.1	1481.4	1552.4	1628.0
MOS<0.7µm to >=0.4µm	164.0	169.0	172.4	171.5	195.9	187.2	188.2	188.7	189.0	179.0	183.5	183.3
MOS<0.4µm	888.1	917.6	964.8	1013.3	1033.4	1077.5	1119.3	1174.6	1236.1	1302.4	1368.9	1444.7
MOS<0.4µm to >=0.3µm	193.5	196.8	200.8	196.2	187.5	185.4	194.8	194.7	194.3	194.8	189.2	193.2
MOS<0.3µm	694.6	720.8	764.0	817.1	845.9	892.1	924.5	979.9	1041.8	1107.6	1179.7	1251.5
MOS<0.3µm to >=0.2µm	109.6	105.3	106.1	104.4	105.9	105.1	101.7	106.6	102.3	106.8	110.4	111.5
MOS<0.2µm	585.0	615.5	657.9	712.7	740.0	787.0	822.8	873.3	939.5	1000.8	1069.3	1140.0
MOS<0.2µm to >=0.16µm	209.3	187.2	192.9	207.1	165.6	172.2	165.2	162.5	163.6	168.4	152.9	149.2
MOS<0.16µm	375.7	428.3	465.0	505.6	574.4	614.8	657.6	710.8	775.9	832.4	916.4	990.8
MOS<0.16µm to >=0.12µm					285.9	286.0	277.9	284.6	297.8	290.4	288.8	292.9
MOS<0.12µm					288.5	328.8	379.7	426.2	478.1	542.0	627.6	697.9
MOS TOTAL	1265.3	1297.0	1345.3	1363.4	1403.9	1427.6	1482.9	1538.2	1611.0	1660.4	1723.3	1799.8

BIPOLAR, 5 inch equiv.	274.2	278.2	278.8	263.5	267.0	261.7	248.7	246.8	234.9	214.9	216.7	214.7
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TOTAL IC's, 8 inch equiv.	1372.5	1405.8	1454.3	1466.4	1508.3	1529.9	1580.1	1634.7	1702.8	1744.4	1808.0	1883.7
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Foundry wafers in MOS Total	171.6	188.7	207.6	209.1	232.7	252.4	256.7	264.2	272.0	280.3	289.4	298.1
Smaller than 200mm wafers in MOS Total	376.0	331.0	332.5	304.5	287.4	267.3	242.6	265.0	264.4	230.7	204.5	182.7
200mm wafers in MOS Total	829.5	850.8	877.1	895.3	912.9	934.9	980.9	984.5	998.1	1021.6	1041.8	1062.7
300mm wafers in MOS Total, 8 inch equiv.	59.9	115.2	135.7	163.6	203.6	225.5	259.4	288.7	348.5	408.2	477.0	554.4
300mm wafers in MOS Total, numbers	26.6	51.2	60.3	72.7	90.5	100.2	115.3	128.3	154.9	181.4	212	246.4

Discrete Semiconductors, 6inch equiv.									220.8	233.8	242.9	252.9
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TOTAL SC's, 8 inch equiv.									1827.2	1876.1	1944.8	2026.1
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Actual Wafer-starts

per week x1000

MOS>=0.7µm	187.5	193.2	189.4	137.7	133.4	134.9	147.8	152.2	158.8	154.0	143.6	140.2
MOS<0.7µm	1002.5	1047.4	1060.2	1041.3	1068.2	1143.2	1197.9	1272.1	1294.7	1370.7	1391.1	1428.4
MOS<0.7µm to >=0.4µm	150.9	162.0	162.6	148.3	161.3	168.7	165.9	166.8	153.8	159.7	158.8	157.9
MOS<0.4µm	851.6	885.4	897.6	893.0	906.9	974.5	1032.0	1105.3	1140.9	1211.0	1232.3	1273.5
MOS<0.4µm to >=0.3µm	181.2	187.6	187.0	163.6	152.3	157.0	165.6	166.6	156.4	160.5	157.7	157.2
MOS<0.3µm	670.4	697.8	710.6	729.4	754.6	817.5	866.4	938.7	984.5	1050.5	1074.6	1116.3
MOS<0.3µm to >=0.2µm	99.8	100.5	94.3	83.5	77.4	83.0	86.8	90.8	93.2	96.7	97.6	95.9
MOS<0.2µm	570.6	597.3	616.3	645.9	677.2	734.5	779.6	847.9	891.3	953.8	977.0	1020.4
MOS<0.2µm to >=0.16µm	198.6	174.7	173.7	174.6	134.9	152.6	144.0	148.6	137.4	145.9	123.8	110.9
MOS<0.16µm	372.0	422.6	442.6	471.3	542.3	581.9	635.6	699.3	753.9	807.9	853.2	909.5
MOS<0.16µm to >=0.12µm					265.2	268.1	266.5	277.7	290.9	282.7	261.6	257.4
MOS<0.12µm					277.1	313.8	369.1	421.6	463.0	525.2	591.6	652.1
MOS TOTAL	1190.0	1240.6	1249.6	1179.0	1201.6	1278.1	1345.7	1424.3	1453.5	1524.7	1534.7	1568.6

BIPOLAR, 5 inch equiv.	234.3	256.4	244.6	209.5	199.4	215.8	200.3	194.7	181.8	170.1	167.8	152.8
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TOTAL IC's, 8 inch equiv.	1281.6	1340.9	1345.2	1260.9	1279.6	1362.5	1424.0	1500.4	1524.6	1591.2	1600.3	1628.3
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Foundry wafers in MOS Total	169.4	187.5	202.8	170.5	174.9	209.6	235.5	250.6	249.3	264.1	264.7	241.1
Smaller than 200mm wafers in MOS Total	338.7	314.2	315.8	269.9	206.7	220.2	193.9	208.0	200.5	193.1	186.7	169.7
200mm wafers in MOS Total	796.2	816.2	816.6	766.2	805.9	853.4	911.3	934.6	917.8	936.7	929.1	927.5
300mm wafers in MOS Total, 8 inch equiv.	55.1	110.3	117.2	142.9	189.0	204.5	240.5	281.7	335.3	394.9	419.0	471.4
300mm wafers in MOS Total, numbers	24.5	49	52.1	63.5	84	90.9	106.9	125.2	149	175.5	186.2	209.5

Discrete Semiconductors, 6 inch equiv.									206	220.4	228.8	231.0
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TOTAL SC's, 8 inch equiv.									1640.6	1715.3	1729.1	1758.4
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Utilisation.

Percent

MOS>=0.7µm	87.9	91.8	91.0	77.1	76.4	82.8	84.3	87.0	85.4	86.0	84.0	81.6
MOS<0.7µm	95.3	96.4	93.2	87.9	86.9	90.4	91.6	93.3	90.8	92.5	89.6	87.7
MOS<0.7µm to >=0.4µm	92.0	95.9	94.3	86.5	82.3	90.1	88.2	88.4	81.4	89.2	86.5	84.5
MOS<0.4µm	95.9	96.5	93.0	88.1	87.8	90.4	92.2	94.1	92.3	93.0	90.0	88.1
MOS<0.4µm to >=0.3µm	93.6	95.3	93.1	83.4	81.2	84.7	85.0	85.6	80.5	82.4	83.4	81.4
MOS<0.3µm	96.5	96.8	93.0	89.3	89.2	91.6	93.7	95.8	94.5	94.8	91.1	89.2
MOS<0.3µm to >=0.2µm	91.1	95.4	88.9	80.0	73.1	79.0	85.3	85.2	91.1	90.5	88.4	86.0
MOS<0.2µm	97.5	97.0	93.7	90.6	91.5	93.3	94.7	97.1	94.9	95.3	91.4	89.5
MOS<0.2µm to >=0.16µm	94.9	93.3	90.0	84.3	81.5	88.6	87.2	91.4	84.0	86.6	81.0	74.3
MOS<0.16µm	99.0	98.7	95.2	93.2	94.4	94.6	96.7	98.4	97.2	97.1	93.1	91.8
MOS<0.16µm to >=0.12µm					92.8	93.7	95.9	97.6	97.7	97.3	90.6	87.9
MOS<0.12µm					96.0	95.4	97.2	98.9	96.8	96.9	94.3	93.4
MOS TOTAL	94.0	95.7	92.9	86.5	85.6	89.5	90.7	92.6	90.2	91.8	89.1	87.2

BIPOLAR	85.4	92.2	87.7	79.5	74.7	82.5	80.5	78.9	77.4	79.2	77.4	71.2
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TOTAL IC's	93.4	95.4	92.5	86.0	84.8	89.1	90.1	91.8	89.5	91.2	88.5	86.4
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Foundry wafers in MOS Total	98.7	99.4	97.7	81.5	75.2	83.0	91.7	94.9	91.7	94.2	91.5	80.9
Smaller than 200mm wafers in MOS Total	90.1	94.9	95.0	88.6	71.9	82.4	79.9	78.5	75.8	83.7	91.3	92.9
200mm wafers in MOS Total	96.0	95.9	93.1	85.6	88.3	91.3	92.9	94.9	92.0	91.7	89.2	87.3
300mm wafers in MOS Total	92.1	95.7	86.4	87.3	92.8	90.7	92.7	97.6	96.2	96.7	87.8	85.0

Discrete Semiconductors									93.3	94.3	94.2	91.3
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TOTAL SC's									89.8	91.4	88.9	86.8
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HISTORICAL DATA Sheet 5 : 2007-Q1 to 2009-Q4

All MOS data are expressed in 8 inch equivalent wafers, except for the data lines "300mm wafers in MOS Total, numbers". Bipolar data are expressed in 5 inch equivalent wafers. Discrete Semiconductors data are expressed in 6 inch equivalent wafers. "Total IC's" include Bipolar data which were converted for this purpose from 5 inch to 8 inch equivalent wafers by using the factor 0.391. "Total SC's" include Discrete Semiconductor data which were converted for this purpose from 6 inch to 8 inch equivalent wafers by using the factor 0.563. Before 1Q-04 the category "Smaller than 200mm wafers in MOS Total" was labelled "Other than 8 inch wafers in MOS Total", and this also included 300mm wafers.

Discrete Semiconductor Participation was expanded from 1Q-2007.

	1Q 07	2Q 07	3Q 07	4Q 07	1Q 08	2Q 08	3Q 08	4Q 08	1Q 09	2Q 09	3Q 09	4Q 09
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Capacity

Wafer-starts per week x1000

MOS>=0.7µm	148.8	151.2	148.9	149.8	152.2	150.5	147.0	148.7	124.3	106.7	97.9	94.5
MOS<0.7µm	1645.6	1744.2	1870.2	1895.0	1926.6	1970.3	1997.5	1961.7	1817.8	1783.3	1779.2	1789.5
MOS<0.7µm to >=0.4µm	170.0	175.5	173.8	170.9	159.1	163.4	161.2	165.6	144.6	112.7	116.4	120.8
MOS<0.4µm	1475.6	1568.7	1696.4	1724.1	1767.5	1806.9	1836.3	1796.1	1673.2	1670.6	1662.8	1668.7
MOS<0.4µm to >=0.3µm	156.7	152.7	149.5	150.5	146.2	144.9	147.3	156.9	143.8	128.1	114.6	110.5
MOS<0.3µm	1318.9	1416.0	1546.9	1573.6	1621.3	1662.0	1689.0	1639.2	1529.4	1542.5	1548.2	1558.2
MOS<0.3µm to >=0.2µm	95.2	106.7	105.9	104.1	102.6	87.0	86.0	92.3	78.2	80.3	76.0	67.6
MOS<0.2µm	1223.7	1309.3	1441.0	1469.5	1518.7	1575.0	1603.0	1546.9	1451.2	1462.2	1472.2	1490.6
MOS<0.2µm to >=0.16µm	142.5	143.4	147.0	145.3	138.4	133.7	128.4	149.0	136.8	131.4	113.2	119.5
MOS<0.16µm	1081.2	1165.9	1294.0	1324.2	1380.3	1441.3	1474.6	1397.9	1314.4	1330.8	1359.0	1371.1
MOS<0.16µm to >=0.12µm	276.7	270.4	274.0	286.7	272.4	256.6	252.7	232.1	233.5	221.9	179.0	171.3
MOS<0.12µm	804.5	895.5	1020.0	1037.5	1107.9	1184.7	1221.9	1165.8	1080.9	1108.9	1180.0	1199.8
MOS<0.12µm to >=0.08µm			403.1	404.1	385.8	290.1	258.8	234.7	196.6	208.0	223.3	182.3
MOS<0.08µm			616.9	633.4	722.1	894.6	963.1	931.1	884.3	900.9	956.7	1017.5
MOS<0.08µm to >=0.06µm											332.1	350.1
MOS<0.06µm											624.6	667.4
MOS TOTAL	1794.4	1895.4	2019.1	2044.8	2078.8	2120.8	2144.5	2110.4	1942.1	1890.0	1877.1	1884.0

BIPOLAR , 5 inch equiv.	198.2	194.9	188.3	186.9	187.0	197.0	201.1	196.3	135.3	148.2	127.1	125.8
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TOTAL IC's , 8 inch equiv.	1871.9	1971.6	2092.7	2117.9	2151.9	2197.8	2223.1	2187.2	1995.0	1947.9	1926.8	1933.2
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Foundry wafers in MOS Total	261.1	272.2	306.6	312.5	297.7	307.5	289.5	293.7	296.1	288.3	315.2	324.8
Smaller than 200mm wafers in MOS Total	303.3	326.2	326.8	294.2	281.2	295.7	279.4	268.1	234.8	252.3	188.1	183.9
200mm wafers in MOS Total	951.1	955.4	966.2	968.7	950.5	875.2	844.7	826.0	733.5	679.7	666.8	640.4
300mm wafers in MOS Total, 8 inch equiv.	540.0	613.8	726.1	781.9	847.1	950.0	1020.4	1016.3	973.8	958.1	1022.2	1059.8
300mm wafers in MOS Total, numbers	240	272.8	322.7	347.5	376.5	422.2	453.5	451.7	432.8	425.8	454.3	471

Discrete Semiconductors, 6inch equiv.	338.5	359.3	355.3	362	363	362.9	362.1	352.4	334.2	324.1	319.1	312.2
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TOTAL SC's , 8 inch equiv.	2062.5	2173.9	2292.8	2321.7	2356.3	2402.1	2427.0	2385.6	2183.2	2130.4	2106.4	2109.0
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Actual Wafer-starts

per week x1000

MOS>=0.7µm	116.0	124.6	123.5	120.9	118.0	114.8	109.5	86.3	56.7	64.2	70.9	75.8
MOS<0.7µm	1453.2	1575.8	1698.2	1734.4	1768.5	1783.8	1766.0	1356.8	1053.2	1421.9	1565.9	1605.0
MOS<0.7µm to >=0.4µm	141.2	152.4	152.7	147.6	131.5	129.0	120.1	83.0	52.1	65.0	80.1	92.8
MOS<0.4µm	1312.0	1423.4	1545.5	1586.8	1637.0	1654.8	1645.9	1273.8	1001.1	1356.9	1485.8	1512.2
MOS<0.4µm to >=0.3µm	124.2	129.7	128.7	124.5	126.8	116.6	111.4	78.8	53.5	75.3	84.3	84.9
MOS<0.3µm	1187.8	1293.7	1416.8	1462.3	1510.2	1538.2	1534.5	1195.0	947.6	1281.6	1401.5	1427.3
MOS<0.3µm to >=0.2µm	79.0	88.8	87.3	84.0	85.3	74.3	66.9	47.7	37.4	57.0	62.0	55.1
MOS<0.2µm	1108.8	1204.9	1329.5	1378.3	1424.9	1463.9	1467.6	1147.3	910.2	1224.6	1339.5	1372.2
MOS<0.2µm to >=0.16µm	112.3	126.6	126.1	128.5	116.0	111.9	106.1	69.7	53.5	85.4	93.6	93.4
MOS<0.16µm	996.5	1078.3	1203.4	1249.8	1308.9	1352.0	1361.5	1077.6	856.7	1139.2	1245.9	1278.8
MOS<0.16µm to >=0.12µm	245.7	244.5	247.0	262.3	244.0	234.3	216.4	139.2	104.1	164.5	154.7	157.7
MOS<0.12µm	750.8	833.8	956.4	987.5	1064.9	1117.7	1145.1	938.4	752.6	974.7	1091.2	1121.1
MOS<0.12µm to >=0.08µm			382.6	383.4	366.4	265.9	227.9	152.6	134.5	162.1	189.0	156.6
MOS<0.08µm			573.8	604.1	698.5	851.8	917.2	785.8	618.1	812.6	902.2	962.5
MOS<0.08µm to >=0.06µm											316.5	320.0
MOS<0.06µm											585.7	642.5
MOS TOTAL	1569.2	1700.4	1821.7	1855.3	1886.5	1898.6	1875.5	1443.1	1109.9	1486.1	1636.8	1680.8

BIPOLAR , 5 inch equiv.	155.2	153.0	152.3	151.5	153.7	162.5	157.4	128.2	59.8	89.4	102.5	112.6
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TOTAL IC's , 8 inch equiv.	1629.9	1760.2	1881.2	1914.5	1946.6	1962.1	1937.0	1493.2	1133.3	1521.1	1676.9	1724.8
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Foundry wafers in MOS Total	205.3	252.4	289.4	293.1	278.9	285.3	250.0	155.0	148.3	239.7	289.8	295.6
Smaller than 200mm wafers in MOS Total	242.3	269.2	263.4	225.1	232.5	224.3	179.7	139.2	78.3	113.8	119.9	128.3
200mm wafers in MOS Total	835.1	850.0	864.0	863.9	843.1	774.1	711.9	458.1	322.6	491.4	534.8	527.6
300mm wafers in MOS Total, 8 inch equiv.	491.9	581.2	694.4	766.4	810.9	900.2	983.9	845.8	700.0	880.9	982.1	1024.9
300mm wafers in MOS Total, numbers	218.6	258.3	308.6	340.6	360.4	400.1	437.3	375.9	315.1	391.5	436.5	455.5

Discrete Semiconductors, 6 inch equiv.	300.6	311.8	304.6	307.1	296.4	304.5	307.8	244.8	142.4	211.1	258.5	284.7
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TOTAL SC's , 8 inch equiv.	1799.1	1935.8	2052.7	2087.4	2113.5	2133.6	2110.3	1631.0	1213.5	1639.9	1822.4	1885.1
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Utilisation

Percent

MOS>=0.7µm	78.0	82.4	82.9	80.7	77.5	76.3	74.5	58.0	45.6	60.2	72.4	80.2
MOS<0.7µm	88.3	90.3	90.8	91.5	91.8	90.5	88.4	69.2	57.9	79.7	88.0	89.7
MOS<0.7µm to >=0.4µm	83.1	86.8	87.9	86.4	82.7	78.9	74.5	50.1	36.0	57.7	68.8	76.8
MOS<0.4µm	88.9	90.7	91.1	92.0	92.6	91.6	89.6	70.9	59.8	81.2	89.4	90.6
MOS<0.4µm to >=0.3µm	79.3	84.9	86.1	82.7	86.7	80.5	75.6	50.2	37.2	58.8	73.6	76.8
MOS<0.3µm	90.1	91.4	91.6	92.9	93.1	92.6	90.9	72.9	62.0	83.1	90.5	91.6
MOS<0.3µm to >=0.2µm	83.0	83.2	82.4	80.7	83.1	85.4	77.8	51.7	47.8	71.0	81.6	81.5
MOS<0.2µm	90.6	92.0	92.3	93.8	93.8	92.9	91.6	74.2	62.7	83.8	91.0	92.1
MOS<0.2µm to >=0.16µm	78.8	88.3	85.8	88.4	83.8	83.7	82.6	46.8	39.1	65.0	82.7	78.2
MOS<0.16µm	92.2	92.5	93.0	94.4	94.8	93.8	92.3	77.1	65.2	85.6	91.7	93.3
MOS<0.16µm to >=0.12µm	88.8	90.4	90.1	91.5	89.6	91.3	85.6	60.0	44.6	74.1	86.4	92.1
MOS<0.12µm	93.3	93.1	93.8	95.2	96.1	94.3	93.7	80.5	69.6	87.9	92.5	93.4
MOS<0.12µm to >=0.08µm			94.9	94.9	95.0	91.7	88.1	65.0	68.4	77.9	84.6	87.0
MOS<0.08µm			93.0	95.4	96.7	95.2	95.2	84.4	69.9	90.2	94.3	94.6
MOS<0.08µm to >=0.06µm											95.3	91.4
MOS<0.06µm											93.8	96.3
MOS TOTAL	87.4	89.7	90.2	90.7	90.7	89.5	87.5	68.4	57.1	78.6	87.2	89.2

BIPOLAR	78.3	78.5	80.9	81.1	82.2	82.5	78.3	65.3	44.2	60.3	80.6	89.5
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TOTAL IC's	87.1	89.3	89.9	90.4	90.5	89.3	87.1	68.3	56.8	78.1	87.0	89.2
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Foundry wafers in MOS Total	78.6	92.7	94.4	93.8	93.7	92.8	86.4	52.8	50.1	83.1	91.9	91.0
Smaller than 200mm wafers in MOS Total	79.9	82.5	80.6	76.5	82.7	75.9	64.3	51.9	33.4	45.1	63.7	69.8
200mm wafers in MOS Total	87.8	89.0	89.4	89.2	88.7	86.4	84.3	55.5	44.0	72.3	80.2	82.4
300mm wafers in MOS Total	91.1	94.7	95.6	98.0	95.7	94.8	96.4	83.2	72.8	91.9	96.1	96.7

Discrete Semiconductors	88.8	86.8	85.7	84.8	81.7	83.9	85.0	69.5	42.6	65.1	81.0	91.2
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TOTAL SC's	87.2	89.0	89.5	89.9	89.7	88.8	87.0	68.4	55.6	77.0	86.5	89.4
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All MOS data are expressed in 8 inch equivalent wafers, except for the data lines "300mm wafers in MOS Total, numbers". Bipolar data are expressed in 5 inch equivalent wafers. Discrete Semiconductors data are expressed in 6 inch equivalent wafers. "Total IC's" include Bipolar data which were converted for this purpose from 5 inch to 8 inch equivalent wafers by using the factor 0.391. "Total SC's" include Discrete Semiconductor data which were converted for this purpose from 6 inch to 8 inch equivalent wafers by using the factor 0.563. Before 1Q-04 the category "Smaller than 200mm wafers in MOS Total" was labelled "Other than 8 inch wafers in MOS Total", and this also included 300mm wafers.

1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
10	10	10	10	11	11	11	11	12	12	12	12

Capacity.

Wafer-starts per week x1000

MOS>=0.7µm	97.2											
MOS<0.7µm	1732.8											
MOS<0.7µm to >=0.4µm	115.3											
MOS<0.4µm	1617.5											
MOS<0.4µm to >=0.2µm	166.2											
MOS<0.2µm	1451.3											
MOS<0.2µm to >=0.12µm	277.3											
MOS<0.12µm	1174.0											
MOS<0.12µm to >=0.08µm	159.4											
MOS<0.08µm	1014.6											
MOS<0.08µm to >=0.06µm	305.0											
MOS<0.06µm	709.6											
MOS TOTAL	1830.0											
BIPOLAR, 5 inch equiv.	118.6											
TOTAL IC's, 8 inch equiv.	1876.4											
Foundry wafers in MOS Total	333.8											
Smaller than 200mm wafers in MOS Total	162.5											
200mm wafers in MOS Total	594.7											
300mm wafers in MOS Total, 8 inch equiv.	1072.8											
300mm wafers in MOS Total, numbers	476.8											
Discrete Semiconductors, 6inch equiv.	315.1											
TOTAL SC's, 8 inch equiv.	2053.8											

Actual Wafer-starts

per week x1000

MOS>=0.7µm	80.6											
MOS<0.7µm	1625.2											
MOS<0.7µm to >=0.4µm	95.7											
MOS<0.4µm	1529.5											
MOS<0.4µm to >=0.2µm	147.3											
MOS<0.2µm	1382.2											
MOS<0.2µm to >=0.12µm	248.1											
MOS<0.12µm	1134.1											
MOS<0.12µm to >=0.08µm	151.4											
MOS<0.08µm	982.7											
MOS<0.08µm to >=0.06µm	294.4											
MOS<0.06µm	688.3											
MOS TOTAL	1705.8											
BIPOLAR, 5 inch equiv.	111.6											
TOTAL IC's, 8 inch equiv.	1749.4											
Foundry wafers in MOS Total	317.4											
Smaller than 200mm wafers in MOS Total	126.7											
200mm wafers in MOS Total	542.8											
300mm wafers in MOS Total, 8 inch equiv.	1036.4											
300mm wafers in MOS Total, numbers	460.6											
Discrete Semiconductors, 6 inch equiv.	306.5											
TOTAL SC's, 8 inch equiv.	1922.0											

Utilisation.

Percent

MOS>=0.7µm	82.9											
MOS<0.7µm	93.8											
MOS<0.7µm to >=0.4µm	83.0											
MOS<0.4µm	94.6											
MOS<0.4µm to >=0.2µm	88.6											
MOS<0.2µm	95.2											
MOS<0.2µm to >=0.12µm	89.5											
MOS<0.12µm	96.6											
MOS<0.12µm to >=0.08µm	95.0											
MOS<0.08µm	96.9											
MOS<0.08µm to >=0.06µm	96.5											
MOS<0.06µm	97.0											
MOS TOTAL	93.2											
BIPOLAR	94.1											
TOTAL IC's	93.2											
Foundry wafers in MOS Total	95.1											
Smaller than 200mm wafers in MOS Total	77.9											
200mm wafers in MOS Total	91.3											
300mm wafers in MOS Total	96.6											
Discrete Semiconductors	97.3											
TOTAL SC's	93.6											