

	Taiwan Manufacturing PMI	New Orders	Production	Employment	Supplier Deliveries	Inventories	Customers' Inventories	Prices	Backlog of Orders	Exports	Imports	Six-month Outlook	Production Materials	MRO Supplies	Capital Expenditures
Jul-12	47.3	44.4	41.8	50.5	49.1	50.7	52.1	41.9	46.3	47.0	47.4	28.8	30	20	46
Aug-12	47.6	46.4	48.2	49.0	44.3	50.0	50.3	54.1	44.6	43.3	45.5	32.8	32	24	46
Sep-12	47.7	47.2	44.9	50.9	46.6	49.0	46.5	54.3	42.5	49.1	45.3	33.0	32	23	39
Oct-12	46.7	42.5	45.9	50.9	46.8	47.5	47.2	49.8	43.1	44.8	44.4	31.7	31	23	48
Nov-12	49.6	52.4	51.1	49.9	47.9	46.5	47.7	46.3	47.0	46.8	43.9	40.3	30	22	45
Dec-12	51.3	52.6	54.8	53.3	48.2	47.8	47.6	52.8	46.6	47.9	50.4	50.4	31	20	45
Jan-13	57.7	66.6	62.6	54.8	51.5	53.0	49.2	60.0	53.7	59.1	57.3	61.4	31	22	43
Feb-13	50.0	54.5	44.8	51.6	50.0	49.2	45.5	62.9	50.3	52.8	49.6	67.7	32	22	40
Mar-13	62.4	69.6	73.7	57.2	53.9	57.5	47.5	56.1	56.3	65.2	62.5	65.3	35	24	45
Apr-13	56.8	56.7	60.0	54.6	53.3	59.6	53.6	38.7	50.7	53.5	56.4	57.1	33	21	40
May-13	55.3	55.5	56.3	54.2	54.9	55.7	50.3	38.7	49.9	52.1	52.3	54.1	32	23	46
Jun-13	53.6	51.4	55.5	56.6	50.1	54.3	51.9	40.4	46.2	46.3	48.0	51.7	33	25	46
Jul-13	52.6	52.6	55.8	54.3	48.3	51.9	51.5	49.1	47.7	48.1	47.7	51.0	32	25	48
Aug-13	52.6	55.1	56.4	52.6	49.6	49.5	45.7	55.7	46.3	49.8	46.5	53.3	32	22	38
Sep-13	52.6	50.7	55.5	54.5	52.6	49.4	46.1	55.7	45.8	48.7	52.2	51.0	30	23	43
Oct-13	51.6	51.2	52.7	52.5	51.9	49.7	43.6	54.0	47.9	47.8	47.6	47.3	31	22	42
Nov-13	52.0	52.7	53.6	53.7	50.8	49.3	46.9	48.4	45.7	46.9	48.2	48.3	32	25	45
Dec-13	53.6	57.0	58.0	53.6	52.1	47.5	45.4	52.6	46.9	53.2	51.3	54.8	32	24	44
Jan-14	54.1	55.3	56.7	51.7	52.9	53.6	46.5	57.8	52.0	52.6	53.0	65.1	33	23	47
Feb-14	50.3	48.8	43.6	52.0	54.4	52.5	45.8	55.5	48.7	51.3	49.9	64.4	32	24	47
Mar-14	60.6	65.7	64.6	60.4	54.2	57.9	47.2	53.8	60.1	61.4	61.2	63.7	33	25	46
Apr-14	60.2	67.1	66.8	57.9	56.5	52.6	41.6	56.1	57.3	62.0	60.4	66.0	34	26	55
May-14	58.6	62.3	60.9	58.4	56.5	54.8	44.3	53.7	54.6	58.3	58.4	65.3	34	24	51
Jun-14	58.2	59.6	61.7	56.8	57.4	55.3	48.3	55.6	53.0	57.5	57.6	68.4	33	24	51
Jul-14	58.5	62.3	62.2	59.2	54.2	54.5	49.1	58.0	50.7	56.1	58.9	65.5	33	25	48
Aug-14	55.4	55.3	56.0	54.7	55.8	55.3	51.6	53.1	49.7	54.1	56.9	60.6	30	25	46
Sep-14	53.3	52.7	54.8	55.3	52.2	51.5	50.2	46.6	45.2	50.8	54.1	54.1	32	26	50
Oct-14	51.5	50.3	53.4	54.3	48.8	50.7	50.1	36.4	47.0	50.2	48.5	43.4	32	24	44
Nov-14	49.2	47.0	48.7	50.1	48.5	51.7	47.4	32.0	44.3	47.2	49.5	44.3	30	25	46
Dec-14	50.1	50.2	50.3	52.2	48.3	49.6	46.7	31.1	43.4	47.1	46.8	49.8	33	24	51
Jan-15	53.5	56.5	58.5	49.9	50.8	51.8	47.8	27.7	50.6	51.6	53.4	58.5	31	24	46
Feb-15	47.8	45.3	39.6	47.7	52.3	54.2	47.6	38.3	48.9	49.2	49.8	61.8	34	25	49
Mar-15	59.1	66.1	68.3	53.7	52.4	54.8	45.5	40.5	52.7	60.4	56.2	61.0	33	27	49
Apr-15	54.7	56.0	58.8	54.2	49.1	55.5	47.6	41.9	50.5	53.2	54.5	57.4	33	26	52
May-15	51.1	49.1	53.5	51.0	48.4	53.5	46.2	48.4	47.2	47.4	47.5	52.7	31	27	48
Jun-15	50.8	50.8	52.3	52.0	49.3	49.4	47.5	37.6	42.4	45.4	48.0	53.1	31	25	48
Jul-15	48.6	44.4	48.9	52.9	49.0	47.6	49.0	33.4	42.0	41.2	44.6	42.6	29	24	47
Aug-15	45.0	39.9	43.9	48.4	45.5	47.2	49.0	30.5	39.4	39.5	39.9	33.6	30	25	46
Sep-15	46.1	45.8	46.8	48.4	48.0	41.4	44.2	32.1	39.8	43.8	42.2	33.1	30	24	41
Oct-15	46.0	45.9	46.4	47.8	47.9	42.2	45.6	37.8	42.5	46.7	40.7	35.9	28	23	45
Nov-15	45.1	44.9	45.3	45.7	42.8	46.5	43.7	34.8	44.5	45.7	43.9	37.6	30	24	46
Dec-15	46.6	45.7	48.9	48.1	46.1	44.1	43.9	28.3	44.1	43.8	41.6	38.0	29	24	45
Jan-16	51.3	53.4	55.3	49.8	51.1	46.8	45.4	30.3	46.4	50.2	48.8	42.5	30	25	47
Feb-16	41.4	37.0	29.4	45.1	51.1	44.5	43.4	44.3	43.1	42.1	40.3	48.7	29	25	44
Mar-16	54.9	61.3	63.8	51.3	49.7	48.4	43.8	57.0	54.3	56.6	55.0	51.8	31	25	49
Apr-16	54.6	57.4	59.3	50.0	52.3	53.8	46.0	59.9	54.4	56.4	51.7	56.7	34	27	54
May-16	54.9	58.0	57.8	54.1	51.8	52.8	44.4	57.6	51.9	53.6	54.5	52.4	33	25	52

	C&M PMI	New Orders	Production	Employment	Supplier Deliveries	Inventories	Customers' Inventories	Prices	Backlog of Orders	Exports	Imports	Six-month Outlook	Production Materials	MRO Supplies	Capital Expenditures
Jul-12	54.5	56.8	54.5	59.1	45.5	56.8	50.0	54.5	56.8	65.9	61.4	38.6	23	33	49
Aug-12	48.8	47.9	50.0	50.0	43.8	52.1	50.0	81.3	41.7	45.8	52.1	45.8	30	25	57
Sep-12	49.6	40.4	46.2	51.9	53.8	55.8	44.2	80.8	50.0	50.0	48.1	48.1	28	26	55
Oct-12	49.6	44.6	51.8	53.6	48.2	50.0	57.1	57.1	44.6	42.9	39.3	28.6	33	28	72
Nov-12	51.4	50.0	48.2	51.8	53.6	53.6	42.9	48.2	48.2	50.0	50.0	46.4	29	26	73
Dec-12	54.3	55.0	56.7	60.0	50.0	50.0	46.7	55.0	46.7	48.3	41.7	53.3	30	24	60
Jan-13	55.9	57.4	48.1	59.3	51.9	63.0	53.7	64.8	38.9	53.7	55.6	59.3	39	32	54
Feb-13	50.4	58.9	44.6	53.6	53.6	41.1	35.7	69.6	44.6	50.0	46.4	67.9	31	18	25
Mar-13	64.5	72.4	75.9	58.6	55.2	60.3	48.3	56.9	58.6	65.5	62.1	72.4	35	28	34
Apr-13	49.4	45.2	45.2	53.2	48.4	54.8	61.3	35.5	45.2	46.8	54.8	54.8	35	19	36
May-13	57.6	66.7	62.1	56.1	50.0	53.0	43.9	42.4	45.5	59.1	54.5	57.6	32	20	61
Jun-13	54.8	58.6	58.6	55.2	50.0	51.7	55.2	29.3	46.6	46.6	43.1	48.3	29	23	55
Jul-13	52.1	52.6	57.7	57.7	51.3	41.0	53.8	57.7	51.3	53.8	51.3	50.0	31	28	53
Aug-13	54.3	55.7	57.1	55.7	51.4	51.4	52.9	60.0	45.7	52.9	45.7	55.7	24	25	44
Sep-13	51.3	51.3	52.6	55.3	53.9	43.4	46.1	68.4	47.4	51.3	59.2	56.6	26	20	44
Oct-13	60.0	61.6	62.8	60.5	58.1	57.0	46.5	59.3	55.8	57.0	61.6	59.3	33	28	53
Nov-13	53.5	48.8	48.8	58.8	56.3	55.0	48.8	50.0	53.8	53.8	62.5	55.0	38	31	67
Dec-13	60.0	61.3	67.5	58.8	53.8	58.8	46.3	61.3	47.5	56.3	61.3	52.5	37	32	53
Jan-14	58.2	61.5	56.4	60.3	57.7	55.1	46.2	75.6	50.0	57.7	57.7	64.1	33	31	52
Feb-14	53.6	47.4	50.0	61.5	61.5	47.4	52.6	64.1	44.9	55.1	52.6	59.0	33	29	71
Mar-14	58.8	61.3	61.3	62.5	55.0	53.8	55.0	65.0	58.8	52.5	65.0	63.8	35	28	56
Apr-14	55.7	61.4	55.7	58.6	52.9	50.0	41.4	58.6	54.3	61.4	61.4	62.9	42	31	63
May-14	52.0	50.0	42.9	57.1	55.7	54.3	41.4	55.7	51.4	54.3	54.3	60.0	36	28	67
Jun-14	61.1	59.5	63.5	62.2	62.2	58.1	48.6	70.3	48.6	64.9	64.9	75.7	34	24	61
Jul-14	55.7	60.7	56.0	56.0	52.4	53.6	51.2	65.5	50.0	54.8	56.0	70.2	35	32	54
Aug-14	54.3	50.0	52.5	57.5	53.8	57.5	57.5	55.0	46.3	57.5	60.0	55.0	33	36	45
Sep-14	52.3	46.3	53.8	50.0	55.0	56.3	47.5	50.0	40.0	50.0	52.5	55.0	35	31	60
Oct-14	52.5	50.0	55.6	52.8	50.0	54.2	51.4	31.9	55.6	59.7	47.2	44.4	31	33	58
Nov-14	49.4	45.8	51.4	48.6	48.6	52.8	50.0	23.6	48.6	45.8	54.2	45.8	24	26	41
Dec-14	48.8	43.8	47.5	53.8	46.3	52.5	41.3	27.5	47.5	47.5	52.5	48.8	33	27	43
Jan-15	48.6	43.2	50.0	47.3	51.4	51.4	48.6	33.8	45.9	48.6	48.6	55.4	31	23	40
Feb-15	52.1	53.6	48.8	50.0	52.4	56.0	51.2	52.4	60.7	57.1	52.4	69.0	33	26	43
Mar-15	60.0	68.8	73.8	47.5	53.8	56.3	47.5	63.8	50.0	65.0	67.5	65.0	37	34	57
Apr-15	57.8	60.0	62.5	53.8	58.8	53.8	46.3	68.8	51.3	55.0	60.0	60.0	33	32	67
May-15	55.4	59.5	59.5	54.1	52.7	51.4	44.6	62.2	50.0	59.5	62.2	59.5	31	31	52
Jun-15	52.1	55.9	54.4	55.9	54.4	39.7	50.0	52.9	51.5	61.8	52.9	54.4	38	27	52
Jul-15	50.3	46.2	44.9	56.4	53.8	50.0	48.7	34.6	43.6	39.7	56.4	44.9	31	27	41
Aug-15	49.7	44.9	47.4	55.1	50.0	51.3	48.7	21.8	42.3	47.4	47.4	34.6	32	33	42
Sep-15	48.4	46.1	46.1	48.7	52.6	48.7	51.3	23.7	51.3	48.7	43.4	35.5	31	33	41
Oct-15	54.1	57.7	55.1	52.6	57.7	47.4	48.7	43.6	48.7	51.3	62.8	43.6	31	32	53
Nov-15	45.5	40.8	43.4	50.0	46.1	47.4	35.5	40.8	47.4	48.7	44.7	38.2	35	29	46
Dec-15	49.4	48.6	54.2	50.0	50.0	44.4	41.7	33.3	43.1	41.7	52.8	43.1	32	27	40
Jan-16	51.8	53.9	53.9	52.6	46.1	52.6	53.9	26.3	55.3	59.2	52.6	35.5	28	31	51
Feb-16	44.2	37.5	31.9	55.6	50.0	45.8	45.8	48.6	48.6	54.2	47.2	50.0	29	35	50
Mar-16	58.3	62.9	65.7	52.9	54.3	55.7	42.9	75.7	52.9	55.7	65.7	57.1	29	32	59
Apr-16	61.5	65.0	67.5	56.3	56.3	62.5	42.5	70.0	53.8	63.8	63.8	63.8	41	40	74
May-16	54.3	51.3	52.5	57.5	53.8	56.3	50.0	67.5	43.8	50.0	56.3	52.5	40	34	52

	Elec PMI	New Orders	Production	Employment	Supplier Deliveries	Inventories	Customers' Inventories	Prices	Backlog of Orders	Exports	Imports	Six-month Outlook	Production Materials	MRO Supplies	Capital Expenditures
Jul-12	49.6	53.7	48.5	50.7	45.5	49.3	54.5	44.8	44.8	51.5	49.3	35.8	29	15	41
Aug-12	47.6	48.1	46.2	48.7	45.5	49.4	51.9	49.4	46.2	44.2	43.6	34.0	30	18	35
Sep-12	46.7	44.4	43.8	51.2	44.4	49.4	49.4	50.0	43.2	50.0	46.3	29.0	28	18	24
Oct-12	44.6	41.1	44.3	48.1	44.9	44.3	45.6	45.6	43.7	44.9	44.9	29.1	27	19	28
Nov-12	46.7	46.9	46.3	46.9	47.5	45.7	50.0	43.2	43.8	43.2	39.5	34.0	28	17	28
Dec-12	48.1	45.8	50.0	48.2	47.6	48.8	48.8	44.6	39.3	43.5	44.6	45.8	28	17	34
Jan-13	58.0	63.3	63.3	55.0	52.2	56.1	50.0	48.9	51.1	59.4	55.6	58.9	28	17	33
Feb-13	48.6	51.7	44.8	46.6	47.7	52.3	47.7	50.6	48.3	54.0	47.1	64.9	28	18	36
Mar-13	65.6	75.6	78.5	57.0	57.6	59.3	46.5	52.9	59.9	73.3	65.7	69.8	32	19	40
Apr-13	60.3	63.0	66.8	56.5	56.0	59.2	50.0	44.6	57.6	60.3	60.3	67.4	32	20	42
May-13	58.6	59.1	62.5	56.8	59.7	55.1	49.4	42.0	52.3	56.8	56.8	64.8	32	22	38
Jun-13	56.3	57.0	57.6	57.6	55.2	54.1	55.8	48.8	46.5	50.0	50.0	62.8	32	22	39
Jul-13	53.8	51.1	55.9	55.3	50.5	56.4	58.0	45.2	48.9	48.4	46.3	52.1	31	21	36
Aug-13	49.5	51.1	51.1	51.6	47.3	46.2	46.2	48.4	42.9	47.8	40.7	50.0	33	19	34
Sep-13	54.2	54.5	58.5	55.7	52.3	50.0	47.2	50.0	46.6	51.7	50.6	48.3	27	21	32
Oct-13	47.2	45.0	48.5	50.0	49.0	43.5	39.0	48.0	40.5	44.0	41.5	45.0	29	20	35
Nov-13	48.8	50.0	51.0	50.0	48.0	45.1	50.5	44.6	42.1	43.1	43.6	48.5	28	17	32
Dec-13	53.0	58.0	56.0	52.5	53.0	45.5	47.5	47.0	47.0	53.5	49.0	56.5	29	19	39
Jan-14	53.7	53.7	55.1	50.0	54.7	55.1	45.3	50.0	51.9	51.4	50.9	66.4	32	19	46
Feb-14	50.9	49.0	42.0	49.5	56.5	57.5	46.0	49.0	48.5	49.0	49.5	72.0	30	19	38
Mar-14	64.7	72.6	72.1	63.0	55.8	60.1	46.6	46.6	66.3	69.7	63.5	75.0	29	19	44
Apr-14	63.3	71.6	72.5	61.5	56.9	54.1	37.6	51.8	61.5	65.6	63.3	72.9	31	21	58
May-14	63.3	68.4	70.4	61.2	60.7	55.8	42.7	50.0	60.2	63.6	63.1	70.9	33	22	51
Jun-14	60.9	66.0	66.0	57.3	59.7	55.3	47.6	51.5	56.3	61.2	59.7	73.3	32	21	48
Jul-14	63.9	71.4	71.9	61.0	61.9	53.3	46.7	59.5	53.3	64.8	62.9	68.6	30	19	45
Aug-14	58.4	60.3	61.3	54.4	60.8	55.4	51.0	53.4	52.0	56.4	57.4	65.7	28	21	45
Sep-14	55.5	56.7	59.1	54.8	55.3	51.4	55.3	50.0	51.4	54.8	53.8	58.7	29	21	44
Oct-14	52.7	55.3	54.3	53.4	48.6	51.9	49.5	38.9	46.2	51.0	45.7	44.7	28	19	37
Nov-14	48.2	45.5	47.0	48.0	50.5	50.0	48.0	35.5	40.5	49.5	46.5	46.0	29	21	41
Dec-14	48.6	47.5	49.5	50.5	48.5	47.0	45.5	33.3	41.9	44.9	43.4	51.0	29	19	44
Jan-15	52.9	56.4	57.8	49.0	51.0	50.5	47.1	25.0	53.9	54.9	53.4	65.2	30	22	42
Feb-15	46.0	45.1	37.6	42.1	54.0	51.5	49.5	35.6	50.5	50.0	51.0	66.3	31	21	46
Mar-15	63.2	73.4	75.0	53.2	56.4	58.0	45.7	40.4	54.8	67.6	59.6	68.6	30	22	44
Apr-15	55.2	58.6	59.5	53.8	49.5	54.8	48.1	42.4	53.8	57.6	55.7	63.8	32	23	51
May-15	50.8	47.6	53.9	50.0	46.6	55.8	46.1	45.1	46.1	45.6	44.2	56.3	31	25	47
Jun-15	52.4	52.3	55.1	53.3	47.2	54.2	48.6	33.6	43.0	46.3	49.1	62.2	29	23	49
Jul-15	50.6	50.5	54.2	54.2	47.2	47.2	48.1	32.9	42.1	47.2	42.6	48.6	26	22	46
Aug-15	45.6	43.6	46.8	47.7	45.0	45.0	48.6	32.1	38.1	40.8	36.7	37.6	28	22	50
Sep-15	47.8	51.3	50.9	49.6	48.2	38.9	41.2	35.4	39.4	49.1	45.1	37.6	28	22	41
Oct-15	47.7	50.9	50.9	48.6	47.2	40.7	46.3	36.1	44.4	50.0	39.8	36.6	28	20	45
Nov-15	45.9	46.2	47.6	48.1	40.1	47.6	42.9	33.5	45.3	45.8	45.8	39.2	28	21	46
Dec-15	45.1	44.2	48.1	45.2	46.6	41.3	41.3	26.9	45.2	43.8	39.4	40.9	28	21	47
Jan-16	50.7	50.5	52.8	50.9	51.9	47.7	45.3	26.6	45.3	51.9	49.1	45.3	29	23	46
Feb-16	40.9	32.8	27.0	44.1	55.9	44.6	44.6	38.2	39.7	37.3	38.7	48.5	25	20	41
Mar-16	54.5	59.5	66.7	52.4	48.6	45.2	41.0	49.0	52.9	58.6	54.3	51.0	27	21	43
Apr-16	51.6	54.7	55.1	47.4	51.3	49.6	45.3	50.4	51.7	54.3	49.1	55.1	27	20	44
May-16	53.6	57.0	57.0	53.7	50.4	50.0	43.8	52.1	48.3	53.3	53.7	53.3	27	19	51

	F&T PMI	New Orders	Production	Employment	Supplier Deliveries	Inventories	Customers' Inventories	Prices	Backlog of Orders	Exports	Imports	Six-month Outlook	Production Materials	MRO Supplies	Capital Expenditures
Jul-12	49.1	31.8	31.8	50.0	68.2	63.6	59.1	54.5	54.5	36.4	50.0	40.9	30	15	80
Aug-12	62.7	68.2	81.8	54.5	50.0	59.1	63.6	63.6	63.6	50.0	59.1	36.4	31	24	117
Sep-12	56.2	65.4	57.7	53.8	46.2	57.7	57.7	73.1	50.0	46.2	61.5	38.5	29	23	85
Oct-12	44.7	36.7	36.7	53.3	46.7	50.0	43.3	63.3	30.0	43.3	50.0	43.3	39	42	132
Nov-12	47.9	47.4	50.0	52.6	50.0	39.5	65.8	28.9	39.5	44.7	44.7	39.5	31	27	84
Dec-12	50.0	47.2	47.2	55.6	52.8	47.2	55.6	47.2	36.1	50.0	63.9	41.7	34	16	64
Jan-13	55.0	63.9	63.9	52.8	52.8	41.7	66.7	61.1	50.0	66.7	55.6	52.8	32	12	80
Feb-13	58.1	65.6	53.1	62.5	46.9	62.5	59.4	56.3	62.5	68.8	65.6	65.6	23	13	62
Mar-13	56.3	60.5	57.9	52.6	42.1	68.4	50.0	60.5	47.4	55.3	68.4	65.8	43	23	49
Apr-13	64.7	71.1	68.4	65.8	55.3	63.2	47.4	44.7	55.3	65.8	65.8	65.8	40	27	56
May-13	55.6	52.8	50.0	52.8	63.9	58.3	58.3	47.2	52.8	52.8	52.8	50.0	29	21	55
Jun-13	57.0	57.5	62.5	57.5	47.5	60.0	42.5	57.5	42.5	55.0	55.0	55.0	40	29	50
Jul-13	58.6	54.5	54.5	68.2	50.0	65.9	65.9	54.5	54.5	47.7	52.3	54.5	28	20	53
Aug-13	62.7	65.9	72.7	63.6	47.7	63.6	52.3	61.4	47.7	56.8	61.4	56.8	39	29	58
Sep-13	49.5	50.0	47.6	52.4	50.0	47.6	50.0	54.8	40.5	54.8	42.9	47.6	29	23	50
Oct-13	52.6	43.5	52.2	54.3	58.7	54.3	39.1	60.9	41.3	47.8	47.8	41.3	33	22	47
Nov-13	52.1	52.1	52.1	56.3	45.8	54.2	45.8	56.3	50.0	39.6	52.1	43.8	32	29	48
Dec-13	49.5	54.5	56.8	52.3	47.7	36.4	45.5	54.5	45.5	47.7	52.3	52.3	30	22	52
Jan-14	60.0	58.7	71.7	56.5	47.8	65.2	60.9	65.2	58.7	54.3	65.2	54.3	35	29	57
Feb-14	46.0	46.0	34.0	56.0	46.0	48.0	36.0	70.0	40.0	54.0	46.0	46.0	31	28	53
Mar-14	59.2	62.5	60.4	64.6	45.8	62.5	50.0	66.7	56.3	60.4	60.4	45.8	42	29	54
Apr-14	61.6	68.0	74.0	56.0	52.0	58.0	42.0	68.0	50.0	48.0	60.0	48.0	37	40	58
May-14	56.1	60.9	58.7	54.3	52.2	54.3	50.0	63.0	39.1	54.3	54.3	58.7	36	30	47
Jun-14	56.2	57.1	54.8	59.5	52.4	57.1	47.6	54.8	42.9	47.6	61.9	59.5	38	33	82
Jul-14	52.9	57.1	52.4	66.7	35.7	52.4	52.4	54.8	40.5	47.6	57.1	59.5	39	34	65
Aug-14	59.1	69.6	67.4	60.9	50.0	47.8	54.3	50.0	43.5	56.5	47.8	52.2	37	30	59
Sep-14	51.3	54.3	50.0	60.9	45.7	45.7	43.5	47.8	37.0	39.1	60.9	52.2	34	33	59
Oct-14	46.8	52.3	43.2	56.8	45.5	36.4	59.1	40.9	43.2	47.7	50.0	47.7	36	35	48
Nov-14	55.7	57.1	54.8	59.5	40.5	66.7	42.9	42.9	54.8	47.6	57.1	59.5	39	35	50
Dec-14	57.1	71.4	66.7	57.1	45.2	45.2	45.2	35.7	50.0	61.9	57.1	66.7	40	35	63
Jan-15	61.7	69.6	67.4	60.9	58.7	52.2	56.5	43.5	52.2	58.7	63.0	67.4	45	36	55
Feb-15	51.2	52.0	44.0	56.0	52.0	52.0	48.0	52.0	48.0	54.0	60.0	58.0	39	34	61
Mar-15	57.9	54.2	60.4	60.4	56.3	58.3	41.7	50.0	43.8	52.1	58.3	60.4	36	34	64
Apr-15	58.7	60.9	63.0	54.3	52.2	63.0	50.0	43.5	41.3	52.2	56.5	50.0	35	33	71
May-15	57.5	64.6	60.4	56.3	47.9	58.3	43.8	66.7	47.9	52.1	60.4	60.4	33	33	67
Jun-15	54.6	54.2	58.3	56.3	43.8	60.4	50.0	45.8	39.6	47.9	56.3	58.3	33	34	73
Jul-15	55.4	56.3	58.3	56.3	47.9	58.3	56.3	50.0	47.9	43.8	68.8	41.7	35	32	64
Aug-15	53.2	58.0	52.0	50.0	48.0	58.0	60.0	42.0	50.0	48.0	56.0	44.0	39	30	71
Sep-15	53.2	56.8	50.0	59.1	52.3	47.7	56.8	47.7	50.0	52.3	47.7	34.1	35	33	65
Oct-15	44.3	43.5	45.7	43.5	47.8	41.3	43.5	54.3	45.7	54.3	43.5	45.7	33	34	65
Nov-15	52.8	58.0	58.0	54.0	48.0	46.0	48.0	52.0	52.0	54.0	50.0	48.0	39	34	73
Dec-15	53.9	54.3	54.3	58.7	45.7	56.5	56.5	45.7	54.3	52.2	50.0	50.0	33	33	75
Jan-16	60.0	74.0	72.0	54.0	48.0	52.0	56.0	56.0	50.0	48.0	58.0	44.0	35	33	61
Feb-16	42.8	36.0	38.0	44.0	52.0	44.0	38.0	48.0	30.0	40.0	40.0	46.0	32	32	57
Mar-16	46.4	46.0	44.0	50.0	48.0	44.0	44.0	58.0	42.0	46.0	48.0	42.0	50	39	78
Apr-16	52.5	52.1	54.2	54.2	52.1	50.0	37.5	50.0	52.1	58.3	56.3	45.8	56	43	77
May-16	53.3	55.6	57.4	53.7	46.3	53.7	40.7	66.7	48.1	38.9	44.4	40.7	41	37	67

	Mt'ls PMI	New Orders	Production	Employment	Supplier Deliveries	Inventories	Customers' Inventories	Prices	Backlog of Orders	Exports	Imports	Six-month Outlook	Production Materials	MRO Supplies	Capital Expenditures
Jul-12	39.4	25.7	27.1	45.7	51.4	47.1	52.9	24.3	41.4	38.6	35.7	4.3	37	25	47
Aug-12	40.3	32.1	39.7	46.2	39.7	43.6	41.0	50.0	33.3	37.2	41.0	19.2	35	26	54
Sep-12	46.6	50.0	39.5	52.6	47.4	43.4	35.5	39.5	31.6	52.6	35.5	31.6	38	29	43
Oct-12	47.0	43.8	48.8	52.5	45.0	45.0	45.0	47.5	46.3	41.3	47.5	31.3	32	28	49
Nov-12	54.7	68.4	63.2	55.3	44.7	42.1	40.8	57.9	55.3	53.9	52.6	53.9	32	25	55
Dec-12	55.8	61.8	64.5	60.5	47.4	44.7	40.8	72.4	63.2	52.6	61.8	63.2	36	25	56
Jan-13	58.8	80.5	64.6	53.7	50.0	45.1	45.1	84.1	70.7	57.3	63.4	70.7	34	28	47
Feb-13	49.0	53.7	42.7	53.7	51.2	43.9	42.7	87.8	54.9	48.8	51.2	68.3	44	34	53
Mar-13	56.1	56.6	67.1	53.9	50.0	52.6	53.9	57.9	52.6	52.6	51.3	51.3	38	34	64
Apr-13	51.2	46.3	46.3	47.6	47.6	68.3	58.5	24.4	32.9	40.2	50.0	36.6	32	23	45
May-13	44.9	39.0	32.9	47.6	45.1	59.8	56.1	25.6	40.2	35.4	40.2	31.7	35	29	60
Jun-13	44.7	30.3	44.7	53.9	40.8	53.9	43.4	25.0	40.8	34.2	39.5	28.9	33	29	50
Jul-13	50.8	64.1	61.5	46.2	38.5	43.6	33.3	55.1	41.0	47.4	50.0	51.3	39	38	65
Aug-13	56.7	65.4	67.9	47.4	52.6	50.0	39.7	71.8	52.6	53.8	53.8	65.4	38	27	45
Sep-13	50.3	41.0	53.8	51.3	51.3	53.8	46.2	61.5	44.9	41.0	56.4	57.7	38	28	59
Oct-13	53.3	56.3	52.5	51.3	51.3	55.0	57.5	58.8	56.3	48.8	52.5	42.5	38	26	52
Nov-13	53.5	51.3	57.5	53.8	53.8	51.3	42.5	48.8	41.3	43.8	47.5	41.3	41	39	66
Dec-13	52.6	51.2	52.4	54.8	54.8	50.0	42.9	63.1	44.0	51.2	52.4	52.4	40	35	59
Jan-14	47.3	47.7	46.6	47.7	50.0	44.3	40.9	63.6	48.9	48.9	48.9	65.9	35	28	55
Feb-14	45.1	47.7	40.7	46.5	50.0	40.7	45.3	57.0	46.5	53.5	46.5	54.7	37	31	60
Mar-14	55.1	59.3	55.8	53.5	51.2	55.8	46.5	58.1	52.3	55.8	55.8	48.8	34	36	53
Apr-14	58.4	67.8	64.4	51.1	61.1	47.8	48.9	67.8	57.8	66.7	60.0	57.8	38	28	58
May-14	52.8	58.7	53.3	52.2	48.9	51.1	46.7	54.3	52.2	55.4	55.4	60.9	33	28	59
Jun-14	51.2	47.7	52.3	48.8	53.5	53.5	53.5	53.5	48.8	50.0	50.0	59.3	35	29	54
Jul-14	48.9	45.6	45.6	54.4	45.6	53.3	55.6	51.1	43.3	41.1	52.2	56.7	32	29	48
Aug-14	50.2	45.3	44.2	50.0	52.3	59.3	52.3	51.2	46.5	48.8	61.6	55.8	33	26	58
Sep-14	50.5	47.6	47.6	58.5	46.3	52.4	48.8	35.4	37.8	46.3	56.1	42.7	36	28	59
Oct-14	50.6	41.0	54.0	57.0	46.0	55.0	49.0	30.0	41.0	43.0	55.0	35.0	34	27	51
Nov-14	47.6	42.9	44.0	53.6	47.6	50.0	44.0	25.0	40.5	41.7	52.4	29.8	31	31	60
Dec-14	48.4	44.4	42.2	52.2	46.7	56.7	54.4	24.4	37.8	42.2	45.6	34.4	36	31	60
Jan-15	53.6	55.6	58.9	45.6	47.8	60.0	50.0	25.6	46.7	41.1	54.4	42.2	29	28	54
Feb-15	47.2	35.9	37.0	51.1	48.9	63.0	42.4	33.7	40.2	38.0	43.5	46.7	36	31	57
Mar-15	50.0	52.4	52.4	51.2	43.9	50.0	47.6	26.8	46.3	42.7	39.0	40.2	35	33	57
Apr-15	46.7	40.8	48.0	50.0	41.8	53.1	44.9	27.6	37.8	37.8	44.9	39.8	35	32	49
May-15	47.4	41.0	46.0	51.0	50.0	49.0	44.0	45.0	45.0	48.0	44.0	38.0	29	27	45
Jun-15	43.8	42.2	42.2	45.6	51.1	37.8	42.2	37.8	37.8	33.3	42.2	32.2	28	29	41
Jul-15	42.2	28.3	38.0	48.9	52.2	43.5	44.6	29.3	41.3	30.4	37.0	29.3	33	28	62
Aug-15	40.0	23.9	35.2	46.6	45.5	48.9	44.3	26.1	37.5	30.7	39.8	19.3	35	29	49
Sep-15	40.4	33.0	39.4	44.7	43.6	41.5	37.2	22.3	36.2	33.0	38.3	23.4	36	27	50
Oct-15	41.8	36.7	36.7	46.7	45.6	43.3	40.0	30.0	38.9	40.0	35.6	30.0	31	29	56
Nov-15	43.3	47.8	42.2	38.9	43.3	44.4	44.4	32.2	43.3	44.4	38.9	27.8	32	30	54
Dec-15	47.6	46.7	47.8	51.1	45.7	46.7	42.4	22.8	41.3	43.5	41.3	26.1	30	32	53
Jan-16	49.1	50.0	53.5	46.5	53.5	41.9	40.7	36.0	44.2	45.3	45.3	37.2	35	33	57
Feb-16	39.1	40.9	25.0	40.9	44.3	44.3	43.2	59.1	50.0	44.3	38.6	51.1	33	29	59
Mar-16	55.7	68.2	63.6	45.5	51.1	50.0	50.0	69.3	63.6	58.0	53.4	52.3	39	30	60
Apr-16	57.1	61.5	66.7	50.0	52.1	55.2	51.0	78.1	62.5	58.3	50.0	62.5	37	30	58
May-16	56.2	58.9	55.6	52.2	57.8	56.7	46.7	60.0	61.1	55.6	54.4	55.6	36	31	63

	Trans PMI	New Orders	Production	Employment	Supplier Deliveries	Inventories	Customers' Inventories	Prices	Backlog of Orders	Exports	Imports	Six-month Outlook	Production Materials	MRO Supplies	Capital Expenditures
Jul-12	44.5	42.5	37.5	40.0	52.5	50.0	42.5	40.0	47.5	40.0	42.5	22.5	32	20	63
Aug-12	53.7	55.3	60.5	50.0	47.4	55.3	47.4	39.5	55.3	52.6	50.0	42.1	36	47	74
Sep-12	44.2	52.6	44.7	39.5	39.5	44.7	50.0	44.7	50.0	47.4	39.5	31.6	34	26	68
Oct-12	53.3	54.8	50.0	52.4	47.6	61.9	45.2	45.2	47.6	59.5	33.3	45.2	39	20	76
Nov-12	58.5	67.5	60.0	52.5	52.5	60.0	55.0	55.0	65.0	65.0	42.5	42.5	35	25	56
Dec-12	54.4	63.9	58.3	52.8	41.7	55.6	55.6	52.8	58.3	61.1	50.0	52.8	29	23	72
Jan-13	60.0	76.3	68.4	52.6	52.6	50.0	36.8	57.9	68.4	65.8	55.3	65.8	26	22	58
Feb-13	49.4	56.3	37.5	56.3	56.3	40.6	46.9	65.6	43.8	43.8	46.9	81.3	20	20	61
Mar-13	65.9	82.4	79.4	64.7	47.1	55.9	47.1	61.8	50.0	61.8	64.7	70.6	27	22	73
Apr-13	60.0	58.8	64.7	58.8	58.8	58.8	64.7	47.1	52.9	52.9	55.9	58.8	29	24	47
May-13	63.5	70.6	73.5	61.8	55.9	55.9	44.1	41.2	67.6	64.7	64.7	55.9	26	28	47
Jun-13	55.0	53.1	53.1	59.4	56.3	53.1	59.4	31.3	65.6	50.0	53.1	50.0	29	37	50
Jul-13	54.2	47.4	47.4	55.3	60.5	60.5	55.3	39.5	55.3	47.4	39.5	60.5	31	22	64
Aug-13	46.7	47.2	38.9	47.2	55.6	44.4	38.9	47.2	50.0	44.4	47.2	52.8	24	17	41
Sep-13	59.0	60.0	57.5	60.0	57.5	60.0	40.0	55.0	47.5	47.5	57.5	52.5	27	25	78
Oct-13	60.0	70.6	58.8	55.9	55.9	58.8	50.0	61.8	61.8	58.8	58.8	64.7	22	25	49
Nov-13	64.0	77.5	67.5	60.0	50.0	65.0	35.0	45.0	57.5	67.5	60.0	57.5	26	28	56
Dec-13	54.7	65.8	71.1	50.0	39.5	47.4	39.5	47.4	55.3	55.3	57.9	68.4	23	22	42
Jan-14	57.9	68.4	71.1	55.3	50.0	44.7	47.4	50.0	55.3	55.3	57.9	71.1	26	22	39
Feb-14	55.9	52.9	58.8	52.9	50.0	64.7	41.2	64.7	61.8	52.9	67.6	76.5	26	21	47
Mar-14	53.8	50.0	53.8	53.8	57.7	53.8	42.3	61.5	42.3	42.3	53.8	61.5	22	24	47
Apr-14	51.9	50.0	56.3	50.0	50.0	53.1	46.9	43.8	46.9	56.3	50.0	75.0	23	26	61
May-14	59.3	50.0	63.3	66.7	56.7	60.0	43.3	53.3	46.7	50.0	53.3	60.0	30	23	53
Jun-14	60.7	60.7	67.9	60.7	60.7	53.6	42.9	57.1	64.3	57.1	57.1	67.9	22	27	54
Jul-14	60.0	50.0	61.8	58.8	58.8	70.6	41.2	47.1	52.9	50.0	64.7	67.6	30	26	73
Aug-14	49.5	47.5	52.5	52.5	40.0	55.0	50.0	52.5	42.5	50.0	55.0	70.0	23	23	54
Sep-14	54.8	57.1	57.1	59.5	54.8	45.2	45.2	50.0	50.0	54.8	50.0	64.3	29	33	77
Oct-14	55.5	50.0	52.5	60.0	65.0	50.0	52.5	42.5	67.5	52.5	62.5	60.0	32	24	64
Nov-14	49.5	52.5	52.5	52.5	42.5	47.5	52.5	40.0	55.0	50.0	42.5	60.0	33	34	90
Dec-14	61.9	73.8	69.0	64.3	50.0	52.4	47.6	40.5	52.4	59.5	57.1	66.7	30	32	89
Jan-15	57.3	68.2	72.7	56.8	43.2	45.5	40.9	34.1	50.0	56.8	56.8	68.2	30	28	74
Feb-15	51.9	52.4	50.0	57.1	47.6	52.4	45.2	40.5	45.2	57.1	52.4	69.0	31	30	82
Mar-15	57.6	66.7	73.8	57.1	45.2	45.2	33.3	40.5	54.8	54.8	64.3	69.0	30	31	77
Apr-15	60.0	55.3	65.8	63.2	52.6	63.2	55.3	44.7	57.9	44.7	57.9	63.2	26	25	79
May-15	53.9	58.3	58.3	47.2	55.6	50.0	61.1	44.4	63.9	38.9	50.0	55.6	29	31	77
Jun-15	54.1	58.8	55.9	50.0	58.8	47.1	55.9	41.2	38.2	44.1	50.0	55.9	32	34	92
Jul-15	45.7	38.1	42.9	45.2	54.8	47.6	47.6	33.3	42.9	31.0	47.6	45.2	25	26	75
Aug-15	42.5	28.1	37.5	53.1	50.0	43.8	53.1	34.4	37.5	37.5	37.5	31.3	25	31	65
Sep-15	43.3	38.9	41.7	36.1	55.6	44.4	58.3	22.2	44.4	25.0	38.9	27.8	21	18	41
Oct-15	42.6	34.2	34.2	44.7	52.6	47.4	55.3	36.8	28.9	34.2	39.5	31.6	17	16	38
Nov-15	37.5	21.9	25.0	34.4	53.1	53.1	59.4	21.9	37.5	37.5	40.6	43.8	19	18	55
Dec-15	42.5	32.5	42.5	47.5	42.5	47.5	50.0	22.5	40.0	37.5	42.5	35.0	21	20	40
Jan-16	53.7	60.5	60.5	44.7	57.9	44.7	31.6	23.7	47.4	47.4	50.0	39.5	20	20	42
Feb-16	41.8	41.2	41.2	44.1	41.2	41.2	47.1	35.3	50.0	47.1	47.1	52.9	21	19	48
Mar-16	55.3	61.8	58.8	50.0	47.1	58.8	47.1	38.2	47.1	47.1	58.8	61.8	22	19	47
Apr-16	52.4	50.0	52.9	44.1	50.0	64.7	47.1	67.6	50.0	47.1	50.0	52.9	33	24	76
May-16	61.4	71.4	69.0	57.1	59.5	50.0	40.5	69.0	57.1	52.4	61.9	50.0	25	20	44

	Mach PMI	New Orders	Production	Employment	Supplier Deliveries	Inventories	Customers' Inventories	Prices	Backlog of Orders	Exports	Imports	Six-month Outlook	Production Materials	MRO Supplies	Capital Expenditures
Jul-12	42.5	32.8	32.8	53.1	48.4	45.3	40.6	37.5	40.6	28.1	43.8	25.0	29	18	30
Aug-12	45.0	42.5	37.5	50.0	42.5	52.5	52.5	46.3	42.5	37.5	40.0	28.8	36	24	22
Sep-12	47.0	45.0	48.8	47.5	50.0	43.8	47.5	57.5	41.3	38.8	46.3	30.0	35	24	25
Oct-12	50.8	42.1	44.7	53.9	57.9	55.3	50.0	55.3	40.8	47.4	43.4	31.6	31	19	25
Nov-12	46.3	44.7	48.7	46.1	43.4	48.7	38.2	44.7	39.5	35.5	38.2	32.9	30	23	27
Dec-12	52.7	60.8	59.5	51.4	50.0	41.9	45.9	52.7	50.0	50.0	55.4	47.3	31	21	24
Jan-13	57.6	63.5	71.6	52.7	48.6	51.4	39.2	55.4	45.9	58.1	58.1	62.2	33	22	27
Feb-13	51.6	52.7	45.9	56.8	52.7	50.0	41.9	64.9	51.4	50.0	50.0	74.3	37	23	29
Mar-13	60.5	64.9	71.6	63.5	56.8	45.9	35.1	59.5	54.1	62.2	64.9	59.5	37	24	33
Apr-13	53.7	50.0	67.1	50.0	55.3	46.1	48.7	35.5	57.9	47.4	44.7	44.7	34	20	27
May-13	53.6	51.3	64.1	50.0	51.3	51.3	47.4	35.9	52.6	47.4	44.9	47.4	33	21	32
Jun-13	53.9	53.0	59.1	57.6	43.9	56.1	50.0	37.9	48.5	43.9	54.5	48.5	34	20	48
Jul-13	44.6	36.5	45.9	48.6	45.9	45.9	40.5	43.2	40.5	40.5	44.6	37.8	34	21	44
Aug-13	51.7	46.4	52.4	57.1	50.0	52.4	44.0	51.2	47.6	42.9	47.6	36.9	31	22	26
Sep-13	50.2	47.6	53.7	53.7	54.9	41.5	40.2	53.7	45.1	41.5	46.3	43.9	33	23	27
Oct-13	51.9	51.4	56.8	52.7	50.0	48.6	32.4	55.4	52.7	44.6	40.5	47.3	31	19	35
Nov-13	56.1	61.8	59.2	59.2	55.3	44.7	43.4	59.2	51.3	57.9	42.1	51.3	28	19	27
Dec-13	52.7	56.1	59.8	52.4	50.0	45.1	42.7	46.3	48.8	54.9	41.5	50.0	31	19	30
Jan-14	56.9	60.0	65.6	50.0	50.0	58.9	52.2	55.6	54.4	56.7	52.2	64.4	35	20	34
Feb-14	54.1	52.3	48.9	58.0	53.4	58.0	47.7	53.4	60.2	48.9	48.9	64.8	34	21	34
Mar-14	59.3	63.6	61.4	59.1	56.8	55.7	39.8	47.7	61.4	56.8	61.4	56.8	37	23	39
Apr-14	58.0	60.0	58.8	60.0	57.5	53.8	42.5	45.0	52.5	50.0	51.3	65.0	33	23	33
May-14	59.2	65.6	57.3	59.4	57.3	56.3	46.9	59.4	55.2	52.1	54.2	63.5	35	21	33
Jun-14	56.0	55.8	60.5	59.3	50.0	54.7	44.2	59.3	54.7	53.5	48.8	61.6	35	24	32
Jul-14	60.5	67.0	68.2	59.1	51.1	56.8	45.5	63.6	62.5	59.1	56.8	67.0	36	24	33
Aug-14	53.3	51.1	52.2	57.6	55.4	50.0	42.4	56.5	59.8	48.9	48.9	56.5	28	18	27
Sep-14	50.9	48.8	53.5	51.2	50.0	51.2	40.7	46.5	41.9	50.0	50.0	51.2	35	23	32
Oct-14	47.7	44.2	53.5	50.0	47.7	43.0	44.2	37.2	43.0	48.8	40.7	40.7	36	23	28
Nov-14	51.5	53.7	56.1	45.1	51.2	51.2	48.8	28.0	50.0	47.6	48.8	42.7	32	18	28
Dec-14	50.7	52.2	50.0	48.9	54.4	47.8	42.2	27.8	48.9	48.9	47.8	53.3	35	18	42
Jan-15	51.8	54.1	54.1	53.1	53.1	44.9	42.9	23.5	44.9	50.0	44.9	48.0	28	19	32
Feb-15	49.6	50.0	37.8	55.1	54.1	51.0	45.9	35.7	51.0	53.1	44.9	63.3	35	20	31
Mar-15	57.7	64.9	66.0	59.6	48.9	48.9	47.9	40.4	64.9	67.0	58.5	57.4	35	21	26
Apr-15	60.0	67.3	67.3	61.2	49.0	55.1	45.9	42.9	63.3	67.3	60.2	62.2	34	21	25
May-15	49.8	46.8	53.2	51.1	46.8	51.1	46.8	46.8	45.7	44.7	46.8	51.1	32	22	28
Jun-15	50.7	48.9	50.0	53.3	51.1	50.0	43.5	34.8	45.7	50.0	42.4	43.5	29	17	19
Jul-15	45.4	39.1	43.5	53.3	44.6	46.7	57.6	29.3	35.9	37.0	38.0	37.0	30	19	17
Aug-15	42.1	40.6	40.6	45.8	39.6	43.8	50.0	27.1	39.6	37.5	37.5	34.4	28	16	19
Sep-15	42.5	38.5	41.7	47.9	43.8	40.6	50.0	35.4	28.1	37.5	31.3	30.2	30	18	21
Oct-15	42.3	37.2	42.6	46.8	44.7	40.4	47.9	44.7	39.4	39.4	34.0	31.9	26	15	19
Nov-15	41.0	37.0	41.0	43.0	43.0	41.0	42.0	34.0	38.0	43.0	41.0	38.0	29	18	23
Dec-15	45.3	48.0	49.0	46.9	42.9	39.8	48.0	30.6	38.8	42.9	35.7	34.7	28	18	25
Jan-16	49.8	54.4	56.7	47.8	45.6	44.4	46.7	22.2	44.4	46.7	42.2	45.6	30	17	32
Feb-16	45.3	48.9	35.6	51.1	45.6	45.6	37.8	42.2	48.9	51.1	42.2	43.3	34	24	25
Mar-16	59.5	67.4	67.4	58.1	51.2	53.5	44.2	64.0	58.1	58.1	55.8	53.5	26	20	28
Apr-16	61.2	64.6	65.9	57.3	56.1	62.2	48.8	65.9	56.1	59.8	54.9	57.3	34	23	39
May-16	57.4	62.8	66.3	55.8	45.3	57.0	43.0	58.1	59.3	67.4	61.6	52.3	38	22	39