

Seasonally Adjusted Data		Seasonally Unadjusted Data													
Taiwan Manufacturers	New Orders	Production	Employment	Supplier Deliveries	Inventories	Customers' Inventories	Prices	Billing of Orders	New Export Orders	Inventories	Prices	Future Outlooks	Production Materials	M&O Supplies	Capital Expenditure
Jul-12	47.1	45.5	41.6	48.5	49.1	50.7	52.1	41.9	46.3	47.0	47.4	28.8	30	20	46
Aug-12	48.2	47.0	49.8	49.3	44.3	50.0	50.3	54.1	44.6	41.3	45.5	32.8	32	24	46
Sep-12	50.1	49.3	50.1	50.0	49.8	50.1	49.9	54.4	47.0	48.1	49.3	31.0	33	23	39
Oct-12	49.3	48.0	52.6	51.8	46.8	47.5	47.2	49.8	41.3	46.8	44.4	31.7	31	23	48
Nov-12	51.7	55.8	52.8	47.9	46.5	47.7	46.3	47.0	46.8	46.9	43.9	40.3	30	22	45
Dec-12	55.0	62.1	63.6	53.9	48.2	47.8	47.6	52.8	46.6	47.9	50.4	50.4	31	20	45
Jan-13	54.3	63.1	54.7	53.9	51.3	51.0	50.8	48.1	50.7	50.3	50.1	48.4	31	22	43
Feb-13	57.7	57.0	55.4	50.0	49.2	45.5	52.9	50.3	52.8	49.6	47.7	32	22	40	
Mar-13	52.9	50.9	48.3	54.0	53.9	57.5	47.5	56.1	56.3	65.2	52.5	65.3	35	24	45
Apr-13	47.9	51.2	52.7	53.3	53.3	59.6	51.6	38.7	50.7	53.5	56.4	57.1	33	21	40
May-13	50.3	51.6	52.1	52.9	54.3	54.9	53.9	38.7	52.3	52.9	53.1	54.1	33	23	46
Jun-13	52.8	50.8	53.1	55.5	50.1	54.3	51.9	40.4	46.2	46.3	48.0	51.7	33	25	46
Jul-13	52.8	54.4	57.2	52.2	48.3	51.9	51.5	49.1	47.7	48.1	47.7	51.0	32	25	48
Aug-13	53.3	56.5	57.8	53.2	49.6	49.5	45.7	55.7	46.3	49.8	46.5	53.3	35	22	38
Sep-13	50.1	50.1	50.0	54.0	52.4	49.9	49.4	49.7	50.5	48.7	49.7	51.0	30	23	45
Oct-13	53.8	55.8	58.5	53.5	51.9	49.7	43.6	54.0	47.9	47.8	47.6	47.3	31	22	42
Nov-13	54.5	57.1	58.5	56.7	50.8	49.3	46.9	48.4	45.7	46.9	48.2	48.3	32	25	45
Dec-13	54.0	54.0	58.7	57.3	54.4	52.1	49.3	47.4	52.6	46.9	53.2	54.8	30	24	44
Jan-14	52.8	57.2	50.3	52.9	53.6	54.6	51.8	52.0	52.6	53.0	51.1	53.3	33	23	47
Feb-14	56.0	57.8	64.5	54.8	54.4	52.5	45.8	55.5	48.7	51.3	49.9	64.4	32	24	47
Mar-14	56.8	56.2	56.2	55.9	54.2	57.9	53.7	60.1	61.4	61.2	63.7	33	25	46	
Apr-14	56.8	58.0	54.0	54.5	54.3	54.2	49.4	54.3	52.0	54.2	54.0	55.5	34	24	51
May-14	56.4	58.3	56.2	56.2	54.8	44.3	53.7	54.6	58.3	58.4	65.3	34	24	51	
Jun-14	57.2	58.2	59.2	55.8	57.4	53.3	56.0	57.5	57.6	68.4	33	24	51		
Jul-14	58.1	63.1	63.0	57.0	54.2	54.5	49.1	58.0	50.7	56.1	58.9	65.5	33	25	48
Aug-14	59.1	59.1	57.1	54.3	53.8	53.8	53.1	49.7	54.1	54.1	54.1	54.1	32	25	47
Sep-14	54.7	57.0	54.7	52.2	51.5	50.2	46.6	45.2	50.8	54.1	54.1	54.1	32	26	50
Oct-14	53.3	51.9	58.2	54.8	48.8	50.7	50.1	36.4	47.0	50.2	48.5	43.4	32	24	44
Nov-14	52.8	54.5	56.5	52.7	48.5	51.7	47.4	32.0	44.5	47.2	49.5	44.3	30	25	46
Dec-14	51.9	55.1	53.2	53.3	48.3	51.4	48.8	44.5	47.0	47.0	47.0	47.0	32	24	46
Jan-15	53.4	55.6	57.3	51.7	50.8	51.8	47.7	27.0	50.6	51.6	53.4	58.5	31	24	46
Feb-15	57.7	57.4	57.4	52.3	52.3	54.2	47.6	38.3	48.9	49.2	49.8	61.0	34	25	49
Mar-15	51.5	49.9	49.2	51.4	52.4	54.8	45.5	40.5	52.7	60.4	56.2	61.0	33	27	49
Apr-15	51.5	49.0	48.2	50.3	49.1	50.3	49.1	45.5	47.0	47.0	47.0	50.5	33	26	53
May-15	48.2	47.8	49.8	48.4	53.5	48.0	48.4	47.2	47.4	47.4	47.5	52.7	31	27	48
Jun-15	48.6	47.0	51.0	49.3	49.4	49.5	47.6	37.6	42.4	45.4	48.0	53.7	31	25	48
Jul-15	48.1	48.4	48.4	48.4	45.3	49.2	47.6	49.0	42.6	44.6	42.6	42.6	30	24	47
Aug-15	47.0	44.4	49.4	48.4	45.5	47.9	47.3	30.5	39.4	39.5	39.5	34.6	30	25	46
Sep-15	46.8	47.6	49.4	47.7	48.0	41.4	44.2	31	39.8	41.8	42.2	31.1	30	24	41
Oct-15	47.6	49.5	50.5	48.1	47.9	42.2	45.6	37.8	42.5	46.7	40.7	35.9	28	23	45
Nov-15	47.9	50.3	52.7	49.2	47.8	42.9	44.8	34.8	44.5	47.0	40.7	37.6	28	23	46
Dec-15	48.7	50.1	53.4	49.5	46.1	44.1	49.8	28.3	44.5	41.8	41.6	38.0	29	24	45
Jan-16	49.6	51.5	54.2	54.4	51.1	56.8	51.3	47.7	50.2	48.8	48.8	42.5	30	25	47
Feb-16	48.3	49.7	47.6	48.7	51.1	54.5	44.5	44.2	41.3	42.1	40.3	48.7	29	25	44
Mar-16	48.5	48.1	48.1	48.9	49.4	54.4	44.4	44.2	41.3	41.3	41.3	44.3	29	25	49
Apr-16	49.1	50.9	51.2	50.2	52.3	53.8	46.0	59.9	54.4	56.4	53.7	56.7	34	27	54
May-16	52.3	51.9	51.6	51.8	52.8	54.4	57.6	51.9	53.6	54.5	52.4	52	33	25	52
Jun-16	52.4	53.6	52.3	52.5	52.5	52.5	54.2	54.3	51.7	54.3	52.3	53	33	27	53
Jul-16	52.4	53.7	51.1	52.4	52.4	52.4	52.4	52.0	51.0	51.0	51.5	52.4	34	28	55
Aug-16	55.5	57.8	59.7	56.4	52.7	51.0	47.0	57.8	50.4	55.9	51.8	52.4	34	27	56
Sep-16	56.5	59.4	60.8	55.9	52.7	50.8	47.0	57.8	50.4	55.9	56.6	53.5	33	28	51
Oct-16	57.5	62.1	63.5	56.5	52.7	54.7	44.0	59.3	51.4	56.4	54.7	51.8	33	28	56
Nov-16	54.7	53.5	55.5	55.8	55.8	54.9	54.2	54.3	55.5	54.2	54.0	54.0	33	28	53
Dec-16	57.0	57.4	53.9	56.1	52.3	52.7	53.2	53.7	55.4	55.4	59.8	33	28	56	
Jan-17	53.1	53.1	42.2	57.0	60.6	52.3	48.5	76.1	54.1	54.6	53.3	61.5	33	28	54
Feb-17	53.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	33	28	54
Mar-17	53.1	59.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	33	28	54
Apr-17	53.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	33	28	54
May-17	56.3	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	33	28	55
Jun-17	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	33	28	55
Jul-17	60.0	64.7	64.9	64.4	58.5	57.7	54.9	63.2	56.8	56.2	56.8	63.9	35	29	65
Aug-17	58.9	62.0	64.8	64.7	59.4	57.0	51.9	60.9	51.2	52.6	57.8	61.8	35	29	62
Sep-17	59.0	61.3	62.6	56.7	60.1	54.2	46.7	75.3	59.0	58.5	62.3	62.3	36	33	64
Oct-17	59.0	61.7	62.6	57.1	57.1	57.1	49.7	68.6	54.8	53.4	57.2	55.5	36	32	64
Nov-17	54.9	53.9	53.5	53.5	54.7	54.7	53.4	65.6	49.3	52.9	56.0	54.1	36	33	63
Dec-17	51.2	49.2	50.3	50.3	50.8	50.8	48.9	55.3	41.2	47.4	47.4	46.6	37	36	65
Jan-18	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	36	31	62
Feb-18	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	36	31	62
Mar-18	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	36	31	68
Apr-18	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	36	31	67
May-18	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	36	31	65
Jun-18	49.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	37	31	65
Jul-18	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	37	29	56
Aug-18	43.8	36.8	43.3	56.7	51.3	55.0	47.0	41.2	34.4	41.0	30.8	37	29	56	
Sep-18	47.2	47.6	4												

Seasonally Adjusted Data																
C&M PMI	New Orders	Production	Employment	Supplier Delivers	Inventories	Customer Inventories	Prices	Backlog of Orders	New Export Orders	Imports	Future Outlooks	Production Materials	MRO Supplies	Capital Expenditure		
Jul-12	50.8	54.5	50.1	45.5	56.8	50.0	54.5	50.8	60.9	61.4	36.6	50.0	46.4	29	26	
Aug-12	49.8	47.9	50.0	45.8	52.1	50.0	43.7	45.8	52.1	45.4	30	25	57	24	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	28	26	55	24	
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	50.0	54.0	42.9	48.2	48.2	50.0	46.4	29	26	73	
Dec-12	50.0	54.7	50.0	50.0	50.0	46.7	50.0	45.7	48.3	53.3	30	24	60	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	48.4	54.8	61.3	35.5	45.2	46.8	46.8	54.8	54.6	35	19	35	
May-13	51.1	52.1	52.1	50.0	53.0	50.0	43.4	42.4	51.1	54.5	57.5	32	20	61	24	
Jun-13	54.8	58.6	58.6	50.0	51.7	55.2	29.3	46.6	46.6	43.1	48.3	29	23	55	24	
Jul-13	52.1	52.6	57.7	57.7	51.3	41.0	53.7	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	52.6	55.3	55.3	54.1	45.1	46.1	50.0	44.1	47.2	51.2	54.5	30	20	44	
Oct-13	60.0	61.6	62.8	60.5	58.1	57.0	46.5	59.3	58.8	57.0	61.6	59.3	33	28	53	
Nov-13	53.5	48.8	48.8	58.8	56.3	55.6	48.8	50.0	53.8	62.5	55.0	38	31	67	24	
Dec-13	60.0	61.3	67.5	58.8	58.8	46.3	61.3	75.6	50.0	57.7	57.7	61.3	37	32	53	
Jan-14	58.2	61.5	64.4	60.3	57.7	55.1	46.2	75.6	50.0	57.7	57.7	64.1	33	31	52	
Feb-14	54.0	55.0	55.0	54.5	54.5	54.5	53.1	64.1	54.3	55.6	55.6	59.0	33	29	71	
Mar-14	58.8	61.3	61.3	62.5	55.0	55.0	53.0	60.0	58.8	52.5	65.0	61.8	35	28	56	
Apr-14	55.7	61.4	58.6	52.9	50.0	41.4	58.6	54.3	61.4	61.4	62.9	42	31	63	24	
May-14	52.0	50.0	42.9	57.2	55.7	54.3	41.4	42.9	57.1	54.3	54.3	60.0	36	26	67	
Jun-14	51.3	59.3	53.5	62.2	42.5	58.8	48.1	70.0	50.0	44.9	44.9	75.7	34	24	61	
Jul-14	53.7	57.7	56.0	52.4	54.6	51.2	46.5	50.0	54.8	56.0	70.7	35	32	54		
Aug-14	54.3	50.0	52.5	57.5	53.8	57.5	50.0	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	52.6	52.6	52.6	52.6	50.0	54.2	51.4	51.9	56.7	44.4	31	33	58	
Nov-14	51.4	52.4	52.4	48.5	52.0	52.0	50.0	52.4	52.4	52.4	52.4	54.5	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	52.0	54.0	51.2	52.4	60.7	57.1	52.4	60.0	33	26	43	
Mar-15	60.1	60.0	59.0	59.0	58.7	58.7	60.1	59.0	58.7	58.7	60.1	63.5	37	35	57	
Apr-15	57.8	60.0	55.1	52.8	53.8	53.8	46.8	51.3	55.0	55.0	56.0	56.0	33	32	67	
May-15	53.4	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	51.5	52.1	54.4	55.9	54.4	59.7	50.0	52.9	47.5	61.8	52.9	54.4	38	27	52	
Jul-15	50.3	46.2	44.9	56.4	53.8	50.0	47.5	48.7	34.6	39.7	56.4	44.9	31	27	41	
Aug-15	49.9	47.4	51.0	50.1	50.1	50.1	48.7	23.4	47.4	47.4	54.4	32	33	42		
Sep-15	46.4	46.1	48.7	52.6	48.7	51.3	23.7	51.3	48.7	41.4	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	47.1	47.4	35.5	40.8	47.4	47.4	47.4	38.2	35	29	46	
Dec-15	49.0	48.8	54.2	50.0	49.0	44.4	41.7	33.3	49.0	41.7	52.8	41.7	32	27	40	
Jan-16	51.8	53.9	53.9	52.4	54.1	52.6	53.9	26.1	53.9	52.6	52.6	35.4	31	31	51	
Feb-16	37.5	37.5	51.6	55.0	48.0	47.5	47.5	63.8	51.6	58.5	61.0	58.5	37	31	64	
Mar-16	58.3	62.9	65.7	52.9	54.3	55.7	47.9	75.7	52.9	55.7	65.7	57.1	29	32	59	
Apr-16	61.5	67.5	65.3	56.3	62.5	62.5	62.5	42.5	70.3	53.8	63.8	63.8	41	40	74	
May-16	54.1	52.3	52.3	57.5	58.1	58.1	58.1	36.1	58.1	58.1	58.1	58.1	34	34	57	
Jun-16	54.3	64.5	55.3	52.3	53.3	53.3	40.8	59.2	52.0	53.9	53.9	50.0	34	34	47	
Jul-16	52.6	52.6	53.3	53.3	51.3	46.1	50.0	57.9	48.7	51.3	56.6	52.6	34	40	75	
Aug-16	50.5	48.8	50.0	51.2	51.2	46.3	52.2	62.4	52.4	52.4	57.3	57.3	38	44	66	
Sep-16	52.5	52.5	52.5	52.5	52.5	52.5	47.5	36.3	61.3	58.3	52.5	61.3	34	36	50	
Oct-16	52.0	52.0	52.0	52.0	52.0	52.0	47.5	71.4	52.0	52.0	52.0	59.0	39	45	65	
Nov-16	56.8	63.4	59.1	56.2	62.2	47.6	37.8	72.0	56.1	58.5	61.0	58.5	37	43	64	
Dec-16	56.6	56.6	57.3	57.3	57.3	57.3	45.1	47.6	54.9	54.9	63.4	64.6	36	39	56	
Jan-17	52.9	47.6	47.6	56.0	56.0	56.0	47.6	81.0	63.1	61.9	59.5	73.8	35	42	64	
Feb-17	50.0	47.5	47.5	57.5	57.5	57.5	47.5	81.0	63.1	61.9	59.5	73.8	35	42	64	
Mar-17	50.0	47.5	47.5	57.5	57.5	57.5	47.5	81.0	63.1	61.9	59.5	73.8	35	42	64	
Apr-17	60.3	63.8	61.8	62.5	62.5	62.5	60.3	58.1	58.8	65.0	70.0	38	36	55	24	
May-17	57.8	57.8	61.3	57.5	55.0	56.3	47.5	58.8	58.8	52.5	63.8	37	33	56	24	
Jun-17	54.9	51.0	56.2	56.1	55.1	55.1	44.9	49.0	45.9	53.1	60.2	59.2	33	35	61	
Jul-17	51.7	52.1	47.9	52.2	52.2	46.7	44.1	46.7	46.7	46.7	46.7	46.7	34	44	63	
Aug-17	52.2	50.0	58.7	55.3	46.7	42.4	48.5	68.5	50.0	60.0	66.3	65.2	43	45	58	
Sep-17	55.1	56.4	51.1	58.0	50.0	47.0	40.7	80.2	52.3	53.5	57.0	61.6	43	43	72	
Oct-17	54.9	58.7	55.5	53.3	46.7	42.4	48.5	68.5	50.0	60.0	66.3	65.2	43	45	58	
Nov-17	51.1	57.8	57.8	53.0	50.0	47.0	40.7	80.2	52.3	53.5	57.0	61.6	43	43	72	
Dec-17	51.1	52.5	52.5	52.5	52.5	52.5	47.5	77.1	51.1	52.5	52.5	57.5	39	43	69	
Jan-18	59.1	67.0	64.5	54.5	54.5	43.2	79.5	51.1	60.2	62.5	68.2	68.2	38	43	68	
Feb-18	54.4	52.2	48.9	56.0	56.0	55.6	42.2	72.0	50.0	52.2	51.1	65.6	39	40	73	
Mar-18	52.2	67.8	66.7	50.0	58.9	45.6	42.2	73.3	53.8	63.3	56.7	61.1	50	35	65	
Apr-18	54.4	54.7	41.0	53.5	52.8	46.8	43.5	60.5	57.0	58.1	62.8	54.7	40	37	77	
May-18	54.3	57.5	61.3	47.8	48.8	56.3	47.8	48.8	58.8	58.8	58.8	58.8	40	39	71	
Jun-18	54.8	55.5	61.3	59.5	59.7	55.6	43.1	58.3	58.3	58.3	58.3	58.3	40	39	71	
Jul-18	54.8	55.5	61.3	59.5	59.7	55.6	43.1	58.3	58.3	58.3	58.3	58.3	40	39	71	
Aug-18	54.6	54.8	54.8	54.8	54.8	54.8	43.1	58.3	58.3	58.3	58.3	58.3	40	39	71	
Sep-18	54.5	55.0	55.0	54.8	54.8	54.8	43.1	58.3								

Seasonally Unadjusted Data																
Electric Power & Gas	New Orders	Production	Employment	Supplier Delivers	Inventories	Customers' Inventories	Prices	Backlog of Orders	New Orders	Exports	Imports	Future Outlooks	Production Materials	MRO Supplies	Capital Expenditures	
Ast-12 49.6	53.7	48.5	50.9	45.5	49.3	54.5	48.8	44.8	51.5	49.3	55.8	29	15	41		
Aug-12 49.6	53.7	48.7	50.9	45.5	49.4	54.9	48.4	44.8	51.5	49.4	55.8	30	15	35		
Sep-12 49.6	53.7	48.7	51.2	44.4	49.4	54.9	49.0	51.2	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	47.8	48.8	41.2	39.5	34.0	28	17	28		
Dec-12 50.2	54.0	50.0	48.2	48.8	48.8	53.0	53.0	53.0	53.0	53.0	53.0	28	17	34		
Jan-13 58.0	61.3	61.3	55.0	52.2	56.1	50.0	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	47.1	49.1	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	67.6	69.8	32	19	40		
Apr-13 60.0	63.0	66.8	58.5	56.0	59.2	50.0	44.6	57.6	60.3	60.3	67.4	32	20	42		
May-13 52.8	55.1	55.8	55.1	55.1	56.4	52.8	52.8	52.8	52.8	52.8	52.8	32	22	38		
Jun-13 56.3	57.0	57.6	57.6	55.2	54.2	55.8	48.8	46.5	50.0	50.0	62.8	32	22	39		
Jul-13 53.8	51.9	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	55.3	55.7	55.7	50.0	54.0	52.0	47.3	48.1	48.1	48.1	52.3	33	21	33		
Oct-13 52.2	49.0	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	42.3	43.1	43.6	48.5	28	17	32		
Dec-13 53.0	58.0	56.0	52.0	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	51.3	50.0	54.7	55.2	45.3	50.0	51.0	51.4	50.9	66.4	32	19	46		
Feb-14 50.9	52.0	49.3	49.3	57.5	46.0	48.5	48.5	48.5	48.5	48.5	50.0	30	20	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	63.6	63.3	72.9	31	21	58		
May-14 63.3	68.4	70.4	61.2	60.7	55.2	42.7	50.0	61.2	63.6	63.1	70.9	33	22	51		
Jun-14 66.0	68.0	57.3	55.7	55.7	47.6	51.5	56.3	56.3	56.3	56.3	68.6	32	21	48		
Jul-14 63.9	67.6	71.9	61.0	62.9	53.3	46.7	51.3	53.1	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 52.0	52.0	49.0	49.0	50.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	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	47.3	42.9	35.5	45.3	45.8	45.8	39.2	28	21	46		
Feb-15 46.0	45.1	37.6	42.1	50.0	51.8	49.5	35.6	50.5	50.0	51.0	66.3	31	21	46		
Mar-15 63.0	63.0	73.4	59.2	56.8	58.4	47.3	40.0	54.8	67.6	59.8	68.6	30	22	46		
Apr-15 50.6	55.6	55.8	53.8	54.8	54.8	42.3	42.4	53.8	54.7	54.7	56.8	32	23	51		
May-15 50.8	47.6	53.0	50.0	46.6	55.6	46.1	45.1	46.6	44.2	56.3	31	25	47			
Jun-15 52.4	52.3	51.3	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 49.7	50.0	49.7	49.7	45.0	48.8	43.3	33.3	42.8	42.8	42.8	42.8	28	23	50		
Sep-15 51.3	51.3	50.9	49.6	48.2	38.9	41.2	35.4	39.4	49.3	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	47.4	42.9	33.5	45.3	45.8	45.8	39.2	28	21	46		
Dec-15 45.1	42.2	44.3	45.2	46.6	41.4	41.8	26.9	45.2	41.8	39.0	40.0	28	21	47		
Jan-16 50.4	52.0	51.8	50.9	47.7	45.5	45.5	45.1	45.1	51.9	51.9	52.9	29	23	46		
Feb-16 42.8	32.8	27.0	44.1	53.9	44.4	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	46.6	45.2	41.0	49.0	52.9	53.6	54.3	51.0	27	21	43		
Apr-16 51.6	54.7	51.1	47.4	51.3	49.3	45.3	50.4	51.7	49.1	51.1	55.1	27	20	44		
May-16 51.6	54.7	51.1	47.4	51.3	49.3	45.3	50.4	51.7	49.1	51.1	55.1	27	19	51		
Jun-16 53.5	57.3	55.0	50.0	52.3	52.7	41.8	48.2	51.4	53.6	50.9	60.9	29	21	51		
Jul-16 55.8	56.6	51.7	50.9	55.9	51.5	45.5	51.8	52.7	55.9	55.0	60.4	29	21	52		
Aug-16 57.3	61.5	61.1	57.1	56.6	50.4	46.0	52.7	54.4	59.3	54.9	58.4	30	20	58		
Sep-16 62.0	67.8	69.9	70.8	58.4	58.4	54.0	46.5	52.7	60.2	65.5	63.7	31	23	48		
Oct-16 59.5	59.4	57.3	57.3	52.1	51.0	45.0	54.7	54.7	55.0	55.0	55.4	31	23	52		
Nov-16 55.1	56.1	59.2	54.8	53.9	51.3	47.8	63.2	53.1	54.4	51.8	51.8	27	20	49		
Dec-16 56.8	56.8	56.8	56.8	56.8	56.8	46.8	46.8	46.8	51.8	51.8	51.8	29	22	57		
Jan-17 52.1	49.6	48.2	48.7	63.4	50.6	45.1	72.3	50.9	52.7	52.2	61.2	29	21	49		
Feb-17 51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	29	21	49		
Mar-17 69.8	81.0	75.8	67.7	64.9	59.3	44.0	73.8	69.0	74.2	64.5	78.6	30	25	56		
Apr-17 63.2	67.2	70.0	63.4	65.5	55.9	48.3	68.1	63.4	66.4	64.3	73.5	32	26	59		
May-17 63.7	64.5	65.7	62.9	66.9	56.0	46.8	60.9	57.7	62.1	60.5	68.1	31	23	45		
Jun-17 62.7	62.7	62.7	62.7	62.7	62.7	60.0	62.9	62.9	62.9	65.0	65.0	33	25	60		
Jul-17 61.8	61.8	61.8	61.8	61.8	61.8	59.0	60.0	60.0	60.0	60.0	62.1	31	26	60		
Aug-17 61.8	61.8	61.8	61.8	61.8	61.8	59.0	60.0	60.0	60.0	60.0	62.1	31	26	60		
Sep-17 62.8	62.8	62.8	62.8	62.8	62.8	57.3	57.3	57.3	57.3	57.3	57.3	31	26	66		
Oct-17 60.4	60.4	59.9	59.9	59.9	59.9	51.0	51.0	51.0	51.0	51.0	51.0	31	28	57		
Nov-17 59.5	59.5	59.5	59.5	59.5	59.5	51.0	51.0	51.0	51.0	51.0	51.0	31	28	57		
Dec-17 59.5	59.5	59.5	59.5	59.5	59.5	51.0	51.0	51.0	51.0	51.0	51.0	31	28	57		
Jan-18 60.4	67.1	69.1	69.1	67.1	67.1	49.6	71.1	69.1	74.7	69.7	77.9	35	28	57		
Feb-18 44.6	34.3	42.9	42.9	42.9	42.9	43.7	42.4	43.7	43.7	43.7	43.7	33	25	54		
Mar-18 56.7	56.7	56.7	56.7	56.7	56.7	53.5	53.5	53.5	53.5	53.5	53.5	33	29	63		
Apr-18 58.4	60.5	60.5	60.5	60.5	60.5	54.5	54.5	54.5	54.5	54.5	54.5	33	26	65		
May-18 52.6	56.9	51.1	51.1	51.1	51.1	47.7	47.6	48.0	50.0	54.3	51.7	31	26	65		
Jun-18 51.5	51.5	51.5	51.5	51.5	51.5	41.5	41.5	41.5	41.5	41.5	41.5	31	26	64		
Jul-18 61.2	63.7	67.1	63.7	63.7	63.7	54.7	54.7	54.7	54.7	54.7	54.7	27	20	65		
Aug-18 61.2	63.7	67.1	63.7	63.7	63.7	54.7	54.7	54.7	54.7	54.7	54.7	27	20	64		
Sep-18 53.1	53.2	53.2	53.2	53.2	53.2	45.5	45.5	45.5	45.5	45.5	45.5	34	30	68		
Oct-18 55.8	56.0	56.0	56.0	56.0	56.0	49.5	49.5	49.5	49.5	49.5	49.5	34	30	68		
Nov-18 55.8	56.0	56.0	56.0	56.0	56.0	49.5</td										

Seasonally Adjusted Data														
F&T PMI	New Orders	Production	Employment	Supplier Delivers	Inventories	Customers' Inventories	Prices	Backlog of New Export Orders	Imports	Future Outlooks	Production Materials	MRO Supplies	Capital Expenditures	
Jul-12	49.1	31.8	51.6	50.0	68.2	61.6	54.5	36.4	50.0	46.7	50	15	50	
Aug-12	50.7	31.8	51.8	54.5	59.1	53.6	63.6	61.6	59.1	56.4	31	24	117	
Sep-12	50.7	65.4	57.7	53.8	46.2	57.7	57.7	73.1	50.0	46.2	61.5	38.5	29	
Oct-12	44.7	36.7	53.3	46.7	50.0	43.3	63.3	30.0	43.3	50.0	43.3	39	42	
Nov-12	47.9	47.4	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	54.6	47.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	34	16	
Jan-13	55.0	61.9	61.9	52.8	52.8	41.7	66.7	61.1	50.0	66.7	55.6	52.8	32	
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	
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	
Apr-13	64.7	71.1	68.4	65.8	55.3	63.2	47.4	44.7	55.3	65.8	65.8	40	27	
May-13	50.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	29	
Jun-13	57.0	57.5	62.5	57.5	47.5	60.0	42.5	57.5	42.5	53.0	55.0	55.0	40	
Jul-13	58.6	54.5	68.2	50.0	65.9	65.9	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	
Sep-13	54.9	57.4	57.4	57.4	47.4	57.4	57.4	54.9	57.4	57.4	57.4	57.4	29	
Oct-13	53.6	52.2	52.4	58.7	54.3	39.3	60.9	41.3	47.8	47.8	41.3	33	22	
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	
Dec-13	49.5	54.5	52.3	47.7	36.4	45.5	54.5	45.5	47.7	52.3	52.3	30	22	
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	
Feb-14	54.0	54.0	54.0	54.0	48.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	21	
Mar-14	59.2	62.5	64.4	64.6	48.5	62.5	50.0	66.7	56.3	60.4	60.4	45.8	42	
Apr-14	61.6	68.0	74.0	56.0	52.0	58.0	42.0	68.0	50.0	48.0	60.4	48.0	37	
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	
Jun-14	56.2	57.4	54.8	54.8	52.1	57.4	57.4	52.1	57.4	57.4	52.1	57.4	33	
Jul-14	54.9	52.4	54.6	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	34	
Aug-14	59.1	67.4	60.9	50.0	47.8	54.3	50.0	43.5	56.5	47.8	52.2	37	30	
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	
Oct-14	46.8	52.3	45.2	56.8	45.5	36.4	59.1	40.9	43.2	47.7	50.0	47.7	36	
Nov-14	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	25	
Dec-14	57.1	71.4	66.7	57.1	45.2	45.2	45.2	35.7	50.0	63.9	57.1	66.7	40	
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	
Feb-15	51.2	52.0	44.0	56.0	52.0	52.0	48.0	52.0	48.0	54.0	60.4	58.0	39	
Mar-15	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	34	
Apr-15	57.7	59.0	61.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	34	
May-15	57.5	64.6	64.6	57.3	47.9	58.3	43.8	66.7	47.9	52.1	60.4	60.4	33	
Jun-15	54.6	54.2	58.3	53.3	43.8	56.3	50.0	45.8	39.6	47.9	56.3	58.3	33	
Jul-15	55.4	56.3	56.3	56.3	47.9	58.3	56.3	50.0	47.9	43.8	68.8	41.7	35	
Aug-15	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	34	
Sep-15	52.8	56.8	50.9	59.1	52.3	47.7	56.8	47.7	50.0	52.3	47.7	34.1	35	
Oct-15	44.3	43.5	45.7	43.5	47.8	41.3	43.5	54.3	45.7	43.5	43.5	45.7	33	
Nov-15	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	33	
Dec-15	53.9	54.3	54.3	54.3	45.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	33	
Jan-16	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	33	
Feb-16	40.0	38.0	44.0	52.0	52.0	44.0	38.0	48.0	30.0	40.0	40.0	46.0	32	
Mar-16	46.4	46.0	44.0	50.0	48.0	44.0	44.0	50.0	42.0	46.0	48.0	42.0	50	
Apr-16	52.5	52.1	54.2	52.1	52.1	50.0	52.1	37.5	50.0	52.1	52.1	43	77	
May-16	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	
Jun-16	55.7	61.0	60.9	56.5	50.0	47.0	50.0	56.2	52.2	50.0	54.3	43.5	39	
Jul-16	56.8	56.8	56.8	56.8	52.3	47.7	56.8	47.7	50.0	52.3	47.7	34.1	35	
Aug-16	44.3	43.5	45.7	43.5	47.8	41.3	43.5	54.3	45.7	43.5	43.5	45.7	33	
Sep-16	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	33	
Oct-16	47.8	47.2	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	33	
Nov-16	52.3	57.8	67.3	63.5	51.9	50.0	51.9	69.2	63.5	63.5	59.6	67.3	49	
Dec-16	61.9	69.2	69.2	55.8	51.9	63.5	63.5	69.2	63.5	63.5	65.4	61.5	47	
Jan-17	60.0	62.0	65.0	60.0	66.0	54.0	60.0	78.0	60.0	64.0	58.0	62.0	48	
Feb-17	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	37	
Mar-17	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	37	
Apr-17	54.6	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	37	
May-17	54.6	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	37	
Jun-17	55.7	61.5	70.3	65.5	53.0	50.0	57.7	63.5	55.8	53.8	65.4	55.8	50	
Jul-17	57.0	73.0	73.0	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	31	
Aug-17	54.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	34	
Sep-17	46.9	39.7	43.1	50.0	55.2	46.6	37.9	65.5	46.6	51.7	50.0	55.2	45	
Oct-17	54.9	55.6	55.6	50.0	50.0	50.0	50.0	70.0	46.7	45.0	53.7	46.7	31	
Nov-17	54.3	55.6	55.6	50.0	50.0	50.0	50.0	70.0	46.7	45.0	53.7	46.7	31	
Dec-17	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	31	
Jan-18	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	31	
Feb-18	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	31	
Mar-18	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	31	
Apr-18	53.5	51.6	51.6	51.6	48.4	51.6	48.4	50.0	48.4	41.9	50.0	25.8	44	
May-18	59.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	37	
Jun-18	57.7	66.7	68.3	53.3	53.3	53.3	53.3	60.0	58.3	53.7	61.7	61.7	47	
Jul-18	53.1	56.9	58.6	51.7	48.3	50.0	53.4	41.4	41.4	44.8	41.4	41.4	49	
Aug-18	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	38	
Sep-18	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	38	
Oct-18	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	37	
Nov-18	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	37	
Dec-18	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	37	
Jan-19	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	37	
Feb-19	52.2													

Seasonally Unadjusted Data																		
Mtgs	PMS	New Orders	Production	Employment	Supplier Delivers	Inventories	Customers' Inventories	Prices	Backlog of Orders	Year-Over-Year Change	Imports	Future Outlooks	Production Materials	MRO Supplies	Capital Expenditures			
Agt-12	39.6	25.1	27.1	48.2	51.4	42.1	52.9	24.3	47.4	-8.6%	25.4	20.0	21.5	25.0	47	20	47	20
Aug-12	46.3	31.1	39.7	48.2	51.4	43.6	51.0	33.3	37.1	+1.0%	18.2	35	34	34	54	20	54	20
Sep-12	46.9	39.5	52.6	47.4	43.4	35.5	39.5	52.6	51.6	+3.2%	35.5	31.6	32.6	35	43	29	43	29
Oct-12	47.0	43.8	48.8	52.5	45.0	45.0	45.0	47.5	46.3	+1.3%	41.3	47.5	31.3	32	49	28	49	28
Nov-12	54.7	58.4	63.2	42.1	40.8	57.9	55.3	53.9	52.6	+3.9%	53.9	32	28	25	55	25	55	25
Dec-12	54.3	58.4	64.3	40.5	44.7	54.9	52.3	52.8	53.8	+0.3%	48.1	34	34	35	56	25	56	25
Jan-13	58.8	80.5	64.6	53.7	50.0	45.1	45.3	84.1	70.7	+7.3%	63.4	70.7	34	28	47	34	28	47
Feb-13	53.7	42.7	53.7	51.2	43.9	42.7	87.8	54.9	48.8	+5.2%	51.2	68.3	44	34	53	34	44	34
Mar-13	56.1	56.6	67.1	53.9	50.2	52.6	53.9	57.9	52.6	+5.2%	51.3	51.3	38	34	64	34	38	34
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	26	45	26	35	26
May-13	49.9	52.0	52.0	47.5	47.5	50.0	50.0	49.3	51.3	+3.0%	35.4	31.1	35	35	60	29	60	29
Jun-13	44.7	30.3	44.7	53.9	40.8	53.9	43.4	25.0	40.8	+3.4%	39.5	28.9	33	29	50	29	50	29
Jul-13	50.8	64.1	61.5	46.2	38.5	43.6	33.3	55.1	41.0	+7.4%	47.4	50.0	51.3	39	65	38	65	38
Aug-13	56.7	65.4	67.9	47.4	52.6	50.0	39.7	71.8	52.6	+5.8%	53.8	65.4	38	27	45	38	27	45
Sep-13	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	+0.0%	45.0	37.0	39	39	59	39	59	39
Oct-13	56.3	52.5	52.5	51.3	53.0	55.0	57.5	58.8	56.3	+4.8%	52.5	48.8	38	26	52	38	26	52
Nov-13	53.5	53.5	57.5	53.8	53.8	51.3	42.5	48.8	41.3	+3.8%	43.8	47.5	41.3	39	66	41	39	66
Dec-13	52.6	51.2	52.4	54.8	54.8	50.0	42.9	63.1	60.0	+4.0%	51.2	52.4	40	35	59	35	59	35
Jan-14	47.4	47.7	46.6	47.7	47.7	50.0	44.3	40.9	63.6	+4.9%	48.9	65.9	35	28	55	35	28	55
Feb-14	50.1	50.1	50.1	47.7	47.7	47.7	47.7	40.7	40.7	+0.0%	47.7	29.0	31	31	60	31	60	31
Mar-14	54.1	59.3	55.8	53.5	51.2	55.8	46.5	58.1	52.3	+5.8%	55.8	48.8	34	36	53	34	36	53
Apr-14	58.4	67.8	64.4	51.1	61.1	47.8	48.9	67.8	57.8	+6.7%	60.0	57.8	38	28	58	38	28	58
May-14	52.8	58.7	53.3	52.2	48.9	63.0	42.4	33.7	40.2	+3.0%	40.2	48.0	30	28	59	30	28	59
Jun-14	47.4	47.7	47.7	52.8	46.8	51.3	51.3	51.3	51.3	+0.0%	50.0	59.0	35	35	54	35	54	35
Jul-14	44.9	45.6	45.6	54.4	54.4	52.6	52.6	55.6	52.6	+5.6%	52.6	54.7	32	29	48	32	29	48
Aug-14	54.0	42.3	44.2	50.0	52.3	59.3	52.3	51.2	46.5	+4.8%	48.8	61.6	33	26	58	33	26	58
Sep-14	50.5	47.6	47.6	58.5	46.3	52.4	48.8	35.4	37.8	+4.6%	46.3	51.3	42.7	36	59	36	59	36
Oct-14	50.6	41.0	54.0	57.0	46.0	55.0	49.0	30.0	41.0	+5.0%	55.0	35.0	34	27	51	34	27	51
Nov-14	50.0	48.0	48.0	50.0	50.0	50.0	50.0	50.0	50.0	+0.0%	49.7	29.0	31	31	60	31	60	31
Dec-14	48.4	44.4	42.2	52.2	46.7	56.7	54.4	24.4	37.8	+4.2%	42.2	45.6	34	31	60	31	60	31
Jan-15	53.6	55.6	58.9	45.6	47.0	60.0	50.0	25.6	46.7	+4.7%	41.1	54.4	29	28	54	31	28	54
Feb-15	47.2	35.9	37.0	51.1	48.9	63.0	42.4	33.7	40.2	+3.0%	38.0	45.3	36	31	57	31	57	31
Mar-15	46.7	47.2	47.2	52.8	46.8	51.2	49.1	40.0	47.6	+4.6%	42.7	40.0	35	35	57	35	35	57
Apr-15	46.7	47.0	47.0	50.8	48.8	51.8	49.9	37.8	44.9	+3.9%	44.9	39.8	35	32	45	35	32	45
May-15	47.4	40.0	46.0	51.0	50.0	49.0	44.0	45.0	45.0	+0.0%	44.0	38.0	29	27	45	29	27	45
Jun-15	43.8	42.2	42.2	45.6	51.1	37.8	42.2	37.8	37.8	+3.3%	42.2	32.2	28	29	41	28	29	41
Jul-15	42.2	28.3	38.0	48.9	52.2	45.5	44.6	29.3	41.3	+30.4%	37.0	29.3	33	28	62	33	28	62
Aug-15	42.2	39.2	39.2	44.6	44.6	44.6	44.6	37.0	37.0	+30.7%	37.0	35.0	35	35	49	35	35	49
Sep-15	40.4	33.0	39.4	44.7	41.6	41.5	37.2	22.3	36.2	+31.0%	38.3	28.4	36	27	50	36	27	50
Oct-15	41.8	36.7	36.7	46.7	46.7	43.6	43.6	30.0	38.9	+4.0%	40.0	35.6	30	29	56	30	29	56
Nov-15	43.3	47.8	42.2	38.9	43.3	44.4	44.4	32.0	32.2	+43.3%	44.4	38.9	27.8	32	57	30	34	57
Dec-15	47.6	47.7	47.7	47.8	51.1	45.7	46.7	22.6	41.3	+43.5%	41.3	41.3	26.1	30	53	31	30	53
Jan-16	51.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	+0.0%	44.2	41.3	37.7	35	57	35	57	35
Feb-16	57.7	59.2	63.6	45.5	51.0	50.0	50.0	69.3	63.6	+5.8%	53.3	52.3	39	30	60	39	30	60
Mar-16	57.1	61.5	67.7	50.0	52.1	55.2	51.0	61.5	67.7	+6.7%	57.1	62.5	58.3	52	37	58	52	37
Apr-16	57.6	59.8	60.0	52.7	52.7	52.7	52.7	56.7	56.7	+0.0%	56.7	56.7	50.0	36	61	36	61	36
May-16	54.8	58.0	70.5	58.0	52.3	60.2	63.6	75.0	72.3	+5.6%	68.8	59.3	50.0	36	61	36	61	36
Jun-16	54.6	47.7	57.6	54.3	47.8	66.5	57.6	56.5	46.7	+6.7%	58.7	46.7	36	31	72	36	31	72
Jul-16	54.6	46.7	57.6	54.3	47.8	66.5	57.6	56.5	46.7	+6.7%	58.7	46.7	36	31	72	36	31	72
Aug-16	54.6	47.7	57.6	54.3	47.8	66.5	57.6	56.5	46.7	+6.7%	58.7	46.7	36	31	72	36	31	72
Sep-16	54.6	47.7	57.6	54.3	47.8	66.5	57.6	56.5	46.7	+6.7%	58.7	46.7	36	31	72	36	31	72
Oct-16	54.6	47.7	57.6	54.3	47.8	66.5	57.6	56.5	46.7	+6.7%	58.7	46.7	36	31	72	36	31	72
Nov-16	54.6	47.7	57.6	54.3	47.8	66.5	57.6	56.5	46.7	+6.7%	58.7	46.7	36	31	72	36	31	72
Dec-16	54.6	47.7	57.6	54.3	47.8	66.5	57.6	56.5	46.7	+6.7%	58.7	46.7	36	31	72	36	31	72
Jan-17	55.9	57.6	61.0	51.2	54.9	59.8	43.9	86.6	43.9	+46.7%	58.5	54.3	37	30	69	37	30	69
Feb-17	52.4	45.2	39.3	57.1	52.4	65.5	45.2	79.8	54.0	+59.5%	59.5	59.5	49	33	78	33	78	33
Mar-17	62.4	61.0	65.9	56.1	61.0	68.8	58.5	76.8	57.3	+5.6%	57.3	56.5	48	30	77	30	77	30
Apr-17	58.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	+0.0%	54.0	54.0	50.0	35	87	35	87	35
May-17	58.6	54.5	64.6	48.8	52.3	59.8	58.5	74.4	53.7	+5.4%	48.8	54.9	51	44	91	51	44	91
Jun-17	61.3	63.3	56.3	57.5	57.5	60.0	52.0	80.0	55.0	+5.2%	55.0	52.5	46	38	70	38	70	38
Jul-17	47.5	40.0	45.0	46.3	47.8	47.8	47.8	60.0	47.5	+4.7%	47.5	47.8	40.0	37	66	37	66	37
Aug-17	47.5	39.5	47.5	50.0	45.5	47.8	47.8	63.8	57.8	+4.0%	47.8	47.8	40.0	37	66	37	66	37
Sep-17	50.7	37.0	37.0	45.7	4													

Seasonally Adjusted Data															
Month	PMI	New Orders	Production	Employment	Supplier Delays	Inventories	Customers' Inventories	Prices	Backlog of New Orders	New Export Orders	Imports	Future Outlooks	Production Materials	MRO Supplies	Capital Expenditures
Jul-12	50.5	52.0	52.8	53.1	48.4	51.4	52.5	52.5	47.5	40.6	29.0	29	29	29	
Aug-12	45.0	49.5	57.5	50.0	48.5	52.5	52.5	47.5	46.3	42.5	37.5	34	24	22	
Sep-12	49.0	45.0	48.8	47.5	50.0	41.8	47.5	47.5	57.5	41.3	38.8	46.3	30.0	35	
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	
Nov-12	46.1	44.7	48.7	46.1	48.4	48.7	48.7	48.7	44.7	39.5	35.5	38.2	32.8	30	
Dec-12	49.7	50.0	53.0	51.4	49.5	53.0	50.0	50.0	50.0	49.5	49.5	51.1	31	21	
Jan-13	57.6	63.5	71.6	52.7	48.6	51.4	59.2	55.4	45.9	58.1	58.1	62.2	33	22	
Feb-13	51.6	52.7	45.9	56.8	52.7	50.0	41.9	59.4	52.7	52.7	52.7	52.7	37	23	
Mar-13	60.5	64.9	71.6	63.5	56.8	45.9	53.1	59.5	54.1	62.2	64.9	59.5	37	24	
Apr-13	53.7	50.0	57.1	50.0	53.3	46.1	48.7	35.5	57.9	47.4	44.7	44.7	34	20	
May-13	54.3	52.0	54.1	52.0	53.3	47.4	50.0	53.3	52.0	47.4	47.4	53	33	22	
Jun-13	53.9	53.0	59.1	57.6	49.9	56.1	50.0	37.9	48.5	43.9	54.5	48.5	34	20	
Jul-13	44.6	36.5	45.9	44.6	43.9	54.9	45.9	40.5	43.2	40.5	40.5	44.6	37.8	34	
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	
Sep-13	50.9	53.0	53.7	52.0	49.5	53.0	49.5	49.5	49.5	49.5	49.5	53	33	27	
Oct-13	51.9	51.3	56.8	52.7	50.0	49.6	32.4	55.4	52.7	44.6	40.5	47.3	31	19	
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	
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	
Jan-14	56.0	60.0	65.6	50.0	50.0	58.8	52.2	55.6	54.4	56.7	52.2	64.4	35	20	
Feb-14	51.1	54.9	58.0	50.0	50.0	47.7	47.7	50.0	50.0	50.0	50.0	54.8	34	21	
Mar-14	53.6	63.6	61.4	59.1	56.8	55.7	59.8	47.7	61.4	56.8	61.4	56.8	37	23	
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	
May-14	59.2	59.2	59.4	57.3	57.3	56.3	46.9	59.4	55.2	52.1	54.2	63.5	35	21	
Jun-14	56.0	55.0	59.3	59.3	50.0	54.7	50.0	42.3	54.7	53.3	48.1	54.3	35	24	
Jul-14	54.5	50.0	68.2	59.1	51.1	55.4	51.1	54.5	63.6	62.6	59.1	57.0	26	24	
Aug-14	54.3	51.1	52.7	57.6	55.4	50.0	42.4	56.5	59.8	48.9	48.9	56.5	28	18	
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	
Oct-14	47.4	44.2	53.5	50.0	47.7	43.0	44.2	37.2	45.0	48.8	40.7	40.7	36	23	
Nov-14	51.5	52.1	54.1	51.1	51.3	48.8	50.0	50.0	50.0	47.5	47.5	52	38	25	
Dec-14	50.7	52.0	50.0	48.9	54.4	47.8	42.2	27.8	49.9	48.9	47.8	53.3	35	18	
Jan-15	51.8	54.1	54.1	53.1	54.1	44.9	42.9	23.5	44.9	50.0	44.9	48.0	28	19	
Feb-15	49.6	50.0	37.8	53.1	54.9	51.0	45.9	35.7	51.0	53.1	44.9	63.3	35	20	
Mar-15	50.0	64.0	58.0	59.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	57.0	35	21	
Apr-15	50.0	53.9	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	62.3	34	23	
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	
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	
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	
Aug-15	49.4	49.8	52.0	52.0	49.8	52.0	49.8	49.8	49.8	49.8	49.8	52.0	35	23	
Sep-15	48.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	34	20	
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	19	
Nov-15	41.0	41.0	41.0	43.0	41.0	41.0	42.0	34.0	38.0	41.0	41.0	38.0	29	18	
Dec-15	45.5	48.0	49.0	46.9	42.9	39.8	48.0	30.6	38.8	42.9	35.7	34.7	28	25	
Jan-16	50.0	50.0	50.0	50.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	30	17	
Feb-16	48.8	50.0	50.0	50.0	48.8	50.0	48.8	48.8	48.8	48.8	48.8	48.8	30	17	
Mar-16	59.5	67.4	67.4	58.1	52.1	53.3	44.2	56.0	58.1	58.1	55.8	53.5	26	20	
Apr-16	61.2	64.6	65.9	57.3	51.1	50.0	43.5	61.2	56.1	56.1	54.9	57.3	23	39	
May-16	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	20	22	
Jun-16	48.3	47.6	52.4	48.3	51.2	43.9	40.2	48.8	52.4	47.7	47.5	47.5	33	24	
Jul-16	52.5	52.5	51.3	53.8	50.0	53.8	40.0	50.0	40.0	50.0	45.0	50.0	34	23	
Aug-16	51.2	51.2	56.1	56.1	48.8	43.9	50.0	62.0	46.3	57.3	48.8	53.7	35	19	
Sep-16	56.8	61.3	62.5	57.5	57.5	48.8	53.8	40.0	48.8	56.3	52.5	53.0	33	22	
Oct-16	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	30	20	
Nov-16	54.4	61.0	61.6	54.9	52.4	47.6	40.2	72.0	48.8	56.1	48.8	52.4	34	20	
Dec-16	53.5	53.5	62.8	50.0	57.0	48.6	43.3	75.6	55.8	54.7	57.0	60.5	32	21	
Jan-17	60.0	67.5	58.8	60.0	53.8	60.0	42.5	85.0	63.8	71.3	40	73	40	39	
Feb-17	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	36	23	
Mar-17	66.0	73.8	78.8	58.8	55.0	61.3	45.0	81.3	67.5	68.8	66.3	76.3	33	22	
Apr-17	63.1	66.7	64.3	62.8	62.8	59.0	50.0	74.4	59.0	57.7	65.4	57.7	32	22	
May-17	59.5	59.5	59.5	59.5	60.7	58.0	44.0	64.3	58.3	54.8	60.7	61.9	30	24	
Jun-17	55.8	52.5	57.5	58.8	60.0	50.0	40.0	62.5	56.3	57.5	58.8	56.5	28	22	
Jul-17	54.8	54.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	36	24	
Aug-17	54.5	54.5	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	35	25	
Sep-17	57.4	52.4	57.1	57.1	57.1	63.1	46.4	81.1	52.3	52.4	61.9	57.1	35	25	
Oct-17	57.4	52.4	57.1	57.1	57.1	63.1	46.4	81.1	52.3	52.4	61.9	57.1	35	25	
Nov-17	54.0	54.5	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	36	24	
Dec-17	52.8	52.8	54.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	31	24	
Jan-18	60.0	61.0	64.1	56.4	56.4	59.0	39.7	81.0	57.7	57.7	60.3	69.2	44	31	
Feb-18	52.8	51.2	45.8	55.8	59.3	52.3	41.9	81.7	57.0	50.0	59.3	66.3	41	36	
Mar-18	54.9	61.7	64.6	46.5	46.5	49.3	41.7	81.7	57.0	50.0	59.3	66.3	41	36	
Apr-18	49.2	45.8	48.6	48.6	50.0	42.7	40.3	59.7	34.7	40.3	44.4	44.4	24	22	
May-18	50.0	54.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	37	25	
Jun-18	54.0	54.8	53.8	53.8	53.8	49.5	44.6	49.5	47.7	52.3	45.3	52.3	30	24	
Jul-18	54.0	60.2	64.3	52.0	52.0	48.8	45.9	50.0	49.0	52.0	48.0	50.0	34	26	
Aug-18	54.8	58.3	59.5	59.5	64.3	63.1	40.5	76.2	56.0	53.6	52.4	59.5	32	27	
Sep-18	54.8	61.0	62.0	59.0	59.0	44.0	52.0	56.0	50.0	50.0	50.0	50.0	34	26	
Oct-18	54.5	54.5	54.5	54.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	34	25	
Nov-18	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	36	24	
Dec-18	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	36	24	
Jan-19	57.7	55.8	55.8</td												