

Average MAPE All Data (1001)

	1	2	3	4	5	6	8	12	15	18	1-4	1-6	1-8	1-12	1-15	1-18	N(max)
Naive2	9.1	11.3	13.3	14.6	18.4	19.9	19.1	17.1	21.9	26.3	12.1	14.4	15.2	15.7	16.4	17.4	1001
D Mov.Avrg	11.5	14.9	17	17.8	21.5	22.3	20.6	17.8	23.2	29.4	15.3	17.5	18.1	18.1	18.6	19.6	1001
D Sing EXP	8.6	11.6	13.2	14.1	17.7	19.5	17.9	16.9	21.1	26.1	11.9	14.1	14.8	15.3	16.0	16.9	998
D Arr Exp	9.4	13.5	14.0	15.3	18.1	20.2	18.0	17.1	21.4	26.0	13.1	15.1	15.6	15.9	16.5	17.4	1001
D Holt Exp	8.7	11.0	13.3	15.2	19.1	21.6	24.8	23.9	33.7	48.3	12.1	14.8	16.7	18.4	20.2	22.9	998
D Brown Exp	8.7	10.9	13.8	15.0	18.7	21.1	24.5	23.1	30.8	43.7	12.1	14.7	16.6	18.0	19.6	21.9	1001
D Quadr Exp	9.8	12.7	16.6	18.8	25.7	31.0	45.1	40.7	64.4	108.3	14.5	19.1	23.7	26.9	31.2	38.5	1001
D Regres	15.5	16.9	19.1	18.3	21.9	23.0	24.2	29.7	49.1	70.7	17.4	19.1	20.0	22.6	25.5	29.8	997
Winters	8.7	10.9	13.2	14.9	19.0	21.5	24.3	23.0	32.8	47.0	11.9	14.7	16.5	18.1	19.8	22.4	998
Autom.AEP	9.1	11.9	13.4	13.7	17.9	20.3	20.3	19.3	24.8	28.8	12.0	14.4	15.5	16.3	17.5	18.8	1001
Bayesian	11.2	12.8	14.5	16.2	19.8	22.3	22.6	18.9	23.5	28.3	13.7	16.1	17.2	17.6	18.3	19.3	997
CombiningA	8.1	10.4	12.1	13.3	16.7	19.2	19.7	18.6	24.2	30.8	11.0	13.3	14.5	15.4	16.5	17.9	1001
CombiningB	8.5	11.1	12.8	13.8	17.6	19.2	18.9	18.4	23.3	30.3	11.6	13.8	14.8	15.6	16.5	17.8	1001

Average MAPE All Data (111)

	1	2	3	4	5	6	8	12	15	18	1-4	1-6	1-8	1-12	1-15	1-18	N(max)
Naive2	8.5	11.4	13.9	15.4	16.6	17.4	17.8	14.5	31.2	30.8	12.3	13.8	14.9	14.9	16.4	17.8	111
D Mov.Avrg	10.7	13.6	17.8	19.4	22.0	23.1	22.7	15.7	28.3	34.0	15.4	17.8	19.0	18.4	19.1	20.6	111
D Sing EXP	7.8	10.8	13.1	14.5	15.7	17.2	16.5	13.6	29.3	30.1	11.6	13.2	14.1	14.0	15.3	16.8	111
D Arr Exp	8.8	12.4	14.0	16.4	16.7	18.1	16.5	13.7	28.6	29.3	12.9	14.4	15.1	14.7	15.8	17.1	111
D Holt Exp	7.9	10.5	13.2	15.1	17.3	19.0	23.1	16.5	35.6	35.2	11.7	13.8	16.1	16.4	18.0	19.7	111
D Brown Exp	8.5	10.8	13.3	14.5	17.3	19.3	23.8	19.0	43.1	45.4	11.7	13.9	16.2	17.0	19.5	22.3	111
D Quadr Exp	8.8	11.8	15.0	16.9	21.9	24.1	35.7	29.7	56.1	63.6	13.1	16.4	20.3	22.2	25.9	30.2	111
D Regres	12.5	14.9	17.2	18.4	19.7	21.0	21.0	23.4	46.5	57.3	15.7	17.3	18.2	18.8	21.3	25.6	110
Winters	9.2	10.5	13.4	15.5	17.5	18.7	23.3	15.9	33.4	34.5	12.1	14.1	16.3	16.4	17.8	19.5	111
Autom.AEP	9.8	11.3	13.7	15.1	16.9	18.8	23.3	16.2	30.2	33.9	12.5	14.3	16.3	16.2	17.4	19.0	111
Bayesian	10.3	12.8	13.6	14.4	16.2	17.1	19.2	16.1	27.5	30.6	12.8	14.1	15.2	15.0	16.1	17.6	111
CombiningA	7.9	9.8	11.9	13.5	15.4	16.8	19.5	14.2	32.4	33.3	10.8	12.6	14.3	14.4	15.9	17.7	111
CombiningB	8.2	10.1	11.8	14.7	15.4	16.4	20.1	15.5	31.3	31.4	11.2	12.8	14.4	14.7	16.2	17.7	111
Box-Jenkins	10.3	10.7	11.4	14.5	16.4	17.1	18.9	16.4	26.2	34.2	11.7	13.4	14.8	15.1	16.3	18.0	111
Lewandowski	11.6	12.8	14.5	15.3	16.6	17.6	18.9	17.0	33.0	28.6	13.5	14.7	15.5	15.6	17.2	18.6	111
Parzen	10.6	10.7	10.7	13.5	14.3	14.7	16.0	13.7	22.5	26.5	11.4	12.4	13.3	13.4	14.3	15.4	111

Average MAPE Yearly Data (20)

	1	2	3	4	5	6	8	12	15	18	1-4	1-6	1-8	1-12	1-15	1-18	N(max)
Naive2	6.8	9.7	16.6	21.1	23.8	24.8					13.6	17.1					20
D Mov.Avrg	8.6	10.9	17.7	21.9	24.7	26.0					14.8	18.3					20
D Sing EXP	6.2	9.1	16.3	21.0	23.6	25.4					13.1	16.9					20
D Arr Exp	7.8	13.7	17.7	24.4	25.3	29.3					15.9	19.7					20
D Holt Exp	5.6	7.2	11.9	16.2	19.0	16.5					10.2	12.7					20
D Brown Exp	6.7	8.2	12.0	16.5	19.8	16.4					10.8	13.3					20
D Quadr Exp	7.0	8.6	11.8	16.0	20.7	17.4					10.9	13.6					20
D Regres	6.9	7.8	14.9	18.4	20.0	20.6					12.0	14.8					20
Winters	5.6	7.2	11.9	16.2	19.0	16.5					10.2	12.7					20
Autom.AEP	7.1	8.8	14.1	17.8	21.8	19.1					11.9	14.8					20
Bayesian	12.2	12.6	14.9	18.0	20.6	20.6					14.4	16.5					20
CombiningA	5.7	7.7	12.5	17.4	20.0	17.8					10.8	13.5					20
CombiningB	6.3	8.3	13.7	17.5	19.7	20.1					11.5	14.3					20
Box-Jenkins	7.2	10.8	13.7	18.6	23.2	22.3					12.6	16.0					20
Lewandowski	7.3	8.3	14.7	13.8	16.8	15.1					11.0	12.7					20
Parzen	7.6	7.7	12.8	16.0	20.5	18.0					11.0	13.8					20

Average MAPE Quarterly Data (23)

	1	2	3	4	5	6	8	12	15	18	1-4	1-6	1-8	1-12	1-15	1-18	N(max)
Naive2	7.6	12.0	15.8	21.5	22.3	22.3	23.3				14.2	16.9	19.0				23
D Mov.Avrg	14.4	18.3	23.2	27.4	30.8	31.3	29.5				20.8	24.2	26.5				23
D Sing EXP	9.0	12.0	14.4	20.5	21.0	21.9	22.6				14.0	16.5	18.5				23
D Arr Exp	12.3	16.8	18.2	25.0	25.3	24.3	26.0				18.1	20.3	22.2				23
D Holt Exp	9.2	10.4	17.1	25.1	30.3	32.2	39.2				15.4	20.7	25.9				23
D Brown Exp	10.0	10.4	15.1	22.5	27.1	30.5	36.5				14.5	19.3	24.0				23
D Quadr Exp	11.1	12.5	21.1	32.0	39.2	46.0	66.6				19.2	27.0	35.6				23
D Regres	18.1	21.2	22.4	26.3	28.6	24.5	25.2				22.0	23.5	24.8				23
Winters	8.9	9.1	17.1	25.6	32.6	32.2	40.3				15.2	20.9	26.4				23
Autom.AEP	8.3	8.8	15.4	22.4	29.2	34.7	40.2				13.7	19.8	25.9				23
Bayesian	12.7	18.6	20.4	24.7	27.8	26.8	28.8				19.1	21.8	24.6				23
CombiningA	8.3	8.0	11.7	19.4	24.4	26.3	31.0				11.8	16.3	20.7				23
CombiningB	8.5	10.1	13.9	23.6	26.7	27.7	33.5				14.0	18.4	22.4				23
Box-Jenkins	7.6	8.2	13.9	21.3	26.1	26.1	25.4				12.7	17.2	20.1				23
Lewandowski	12.5	14.1	14.2	21.8	24.8	22.8	26.9				15.7	18.4	20.6				23
Parzen	6.8	7.6	12.0	16.5	21.1	20.4	21.0				10.7	14.1	16.7				23

Average MAPE Monthly Data (68)

	1	2	3	4	5	6	8	12	15	18	1-4	1-6	1-8	1-12	1-15	1-18	N(max)
Naive2	9.2	11.7	12.4	11.7	12.6	13.5	16.0	14.5	31.2	30.8	11.3	11.8	13.0	13.7	15.8	17.7	68
D Mov.Avrg	10.1	12.8	16.0	16.0	18.2	19.4	20.4	15.7	28.3	34.0	13.7	15.4	16.6	16.6	17.8	20.0	68
D Sing EXP	7.9	10.9	11.7	10.6	11.6	13.2	14.4	13.6	29.3	30.1	10.3	11.0	12.0	12.6	14.5	16.5	68
D Arr Exp	7.9	10.5	11.5	11.1	11.3	12.7	13.3	13.7	28.6	29.3	10.2	10.8	11.6	12.3	14.2	16.1	68
D Holt Exp	8.2	11.5	12.3	11.4	12.5	15.2	17.7	16.5	35.6	35.2	10.9	11.8	13.5	14.8	17.2	19.5	68
D Brown Exp	8.4	11.6	13.0	11.2	13.3	16.4	19.6	19.0	43.1	45.4	11.1	12.3	14.2	16.0	19.5	22.9	68
D Quadr Exp	8.6	12.5	13.8	12.1	16.3	18.7	25.3	29.7	56.1	63.6	11.7	13.7	16.6	20.4	25.7	31.0	68
D Regres	12.2	14.7	16.0	15.7	16.6	19.9	19.6	23.4	46.5	57.3	14.7	15.9	16.8	18.1	21.4	26.7	68
Winters	10.3	12.0	12.5	11.8	11.9	14.8	17.5	15.9	33.4	34.5	11.7	12.2	13.6	14.6	16.8	19.1	68
Autom.AEP	11.2	12.8	13.0	11.9	11.2	13.4	17.6	16.2	30.2	33.9	12.2	12.2	13.4	14.2	16.1	18.4	68
Bayesian	8.9	10.8	10.9	9.9	10.9	12.8	16.0	16.1	27.5	30.6	10.1	10.7	11.8	12.6	14.5	16.6	68
CombiningA	8.4	11.1	11.8	10.4	11.1	13.4	15.6	14.2	32.4	33.3	10.4	11.0	12.3	13.1	15.3	17.6	68
CombiningB	8.6	10.7	10.6	10.8	10.2	11.5	15.6	15.5	31.3	31.4	10.2	10.4	11.7	13.0	15.3	17.4	68
Box-Jenkins	12.1	11.5	9.9	11.1	11.0	12.5	16.7	16.4	26.2	34.2	11.1	11.3	12.7	13.8	15.6	17.9	68
Lewandowski	12.6	13.6	14.6	13.5	13.8	16.6	16.2	17.0	33.0	28.6	13.6	14.1	14.4	14.9	17.1	18.9	68
Parzen	12.7	12.6	9.6	11.7	10.2	11.8	14.3	13.7	22.5	26.5	11.7	11.4	12.1	12.6	13.9	15.4	68