

भारत सरकार GOVERNMENT OF INDIA
रेल मंत्रालय MINISTRY OF RAILWAYS
(रेलवे बोर्ड) RAILWAY BOARD

संख्या : 2017/एम(एल)/466/5(801)

नई दिल्ली, दिनांक 01.04.2024

प्रधान मुख्य विद्युत अभियंता,
सभी क्षेत्रीय रेलवे।

Principal Chief Electrical Engineers,
All Indian Railways.

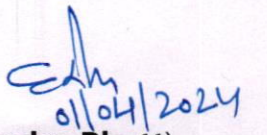
विषय: मार्च 2024 माह की डीजल इंजनों की वास्तविक उपलब्धता विवरणिका।

Sub: Diesel locomotives actual availability for March 2024.

मार्च 2024 माह की सेवा आधारित डीजल इंजनों की वास्तविक उपलब्धता विवरणिका आपके सूचनार्थ एवं आवश्यक कार्यवाही हेतु संलग्न है।

Please find enclosed the actual availability of Diesel locos on service based for March 2024. for your kind information and necessary action please.

संलग्न: यथोक्त।
DA: As above


01/04/2024
Harish Chandra Bhatt)
Director Mechanical Engineering (Traction)
Railway Board

SERVICE BASE FREIGHT DIESEL LOCO OUTAGE(B.G)-2023-2024 As Per FOIS

Rly	BG	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Avg.	% Var
CR	Target	126.4	131.3	128.8	129.7	126.5	123.1	119.5	120.5	128.8	126.9	104.1	104.1	122.5	
	Actual	144.5	140.8	139.9	136.7	143.6	138.7	140.1	136.3	141.5	139.2	131.6	129.0	138.5	
	Var.	18.1	9.5	11.2	7.1	17.1	15.5	20.6	15.7	12.6	12.3	27.6	25.0	16.0	13.08
ER	Target	130.4	134.0	133.5	138.2	135.0	140.6	134.0	144.6	143.1	143.1	110.1	109.2	133.0	
	Actual	163.9	168.5	168.5	168.8	177.0	178.2	180.7	181.1	188.0	182.3	186.9	187.1	177.6	
	Var.	33.5	34.5	35.0	30.6	42.0	37.7	46.6	36.5	44.8	39.2	76.8	77.9	44.6	33.53
ECR	Target	75.8	74.2	71.0	71.0	63.1	63.1	72.5	72.5	74.4	74.4	77.6	71.3	71.7	
	Actual	91.3	86.2	84.8	81.8	84.4	87.7	86.3	83.8	83.1	83.6	87.2	86.4	85.6	
	Var.	15.5	12.0	13.9	10.9	21.3	24.6	13.8	11.3	8.6	9.2	9.6	15.6	13.9	19.31
ECOR	Target	130.9	131.07	127.8	127.8	127.8	124.6	123.7	123.7	123.7	122.8	107.4	107.4	123.2	
	Actual	139.6	139.0	137.2	131.3	138.1	132.5	132.4	133.6	138.2	134.8	145.9	144.3	137.2	
	Var.	8.7	7.9	9.3	3.5	10.3	7.9	8.7	9.9	14.5	12.0	38.5	36.9	14.0	11.37
NR	Target	313.4	340.8	340.7	328.1	328.1	326.1	325.5	334.7	349.4	350.4	373.2	374.0	340.4	
	Actual	284.4	288.5	284.5	272.9	301.1	307.4	316.5	305.7	293.8	303.3	301.0	301.2	296.7	
	Var.	-29.0	-52.4	-56.2	-55.2	-27.0	-18.7	-9.0	-29.1	-55.7	-47.2	-72.2	-72.9	-43.7	-12.84
NCR	Target	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.7	0.3	
	Actual	2.3	1.8	1.9	1.1	1.0	1.5	3.0	1.7	3.0	3.5	2.1	6.8	2.5	
	Var.	1.7	1.3	1.3	0.5	0.4	0.9	3.0	1.7	3.0	3.5	2.1	6.2	2.1	624.91
NER	Target	0.1	0.6	0.5	0.5	0.5	0.5	0.5	0.5	-0.1	0.0	0.0	0.0	0.3	
	Actual	0.0	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.2	0.1	
	Var.	-0.1	-0.3	-0.5	-0.4	-0.4	-0.5	-0.5	-0.5	0.3	0.1	0.1	0.2	-0.2	-68
NFR	Target	72.6	72.63	72.6	61.8	60.9	60.9	59.1	59.1	59.1	59.1	59.2	107.3	67.0	
	Actual	75.9	73.1	70.5	63.8	65.7	60.2	63.8	73.1	69.0	68.8	65.2	75.5	68.7	
	Var.	3.3	0.5	-2.2	2.0	4.8	-0.7	4.7	14.0	9.9	9.7	6.0	-31.8	1.7	2.52
NWR	Target	67.3	69.1	67.6	70.7	69.7	65.2	65.5	65.5	69.1	69.9	70.9	69.5	68.3	
	Actual	68.4	65.6	60.4	54.3	53.6	48.1	44.6	43.9	49.2	48.0	44.4	39.7	51.7	
	Var.	1.1	-3.5	-7.2	-16.4	-16.1	-17.1	-20.9	-21.6	-19.9	-22.0	-26.5	-29.8	-16.6	-24.35
SR	Target	30.2	30.0	29.3	30.2	29.5	30.3	30.3	30.0	29.3	29.9	29.9	30.8	30.0	
	Actual	32.2	30.0	31.1	31.2	32.8	34.2	33.9	34.0	33.3	31.6	41.3	59.3	35.4	
	Var.	2.0	0.0	1.8	1.0	3.3	3.9	3.6	4.0	4.0	1.7	11.3	28.5	5.4	18.08
SCR	Target	218.2	208.2	199.2	206.5	239.9	240.0	244.6	212.2	194.2	195.3	212.4	173.4	212.0	
	Actual	229.5	235.7	243.7	248.8	255.0	249.5	261.0	241.5	220.2	218.0	219.0	190.3	234.3	
	Var.	11.3	27.5	44.5	42.3	15.1	9.4	16.4	29.4	26.0	22.7	6.5	16.9	22.3	10.53
SER	Target	37.9	32.49	45.1	45.1	45.1	45.1	72.2	72.2	72.2	72.2	85.7	93.9	59.9	
	Actual	40.6	42.2	45.4	45.9	46.9	54.4	72.9	74.8	74.8	74.6	87.3	94.0	62.8	
	Var.	2.7	9.7	0.3	0.7	1.8	9.2	0.7	2.6	2.6	2.3	1.5	0.1	2.8	4.75
SECR	Target	151.4	134.20	149.6	150.5	150.9	150.9	131.8	133.6	133.6	134.5	83.0	83.0	132.2	
	Actual	164.3	163.6	162.3	158.3	164.2	151.5	135.5	143.3	140.7	142.0	112.7	115.7	146.2	
	Var.	12.9	29.4	12.8	7.8	13.3	0.6	3.7	9.7	7.1	7.5	29.7	32.7	13.9	10.53
SWR	Target	212.9	212.8	208.4	208.9	209.2	207.9	200.9	192.0	184.9	174.3	174.6	166.4	196.1	
	Actual	220.7	220.5	221.9	199.4	198.8	200.8	199.5	192.4	187.2	180.4	175.5	167.7	197.1	
	Var.	7.9	7.7	13.5	-9.5	-10.4	-7.1	-1.4	0.4	2.3	6.1	0.9	1.3	1.0	0.49
WR	Target	246.4	243.5	243.5	243.5	252.1	256.8	250.3	257.8	257.0	257.3	268.2	264.8	253.4	
	Actual	263.7	262.4	256.6	251.2	260.6	264.0	262.5	263.0	261.2	266.5	263.4	259.8	261.2	
	Var.	17.3	18.9	13.1	7.7	8.5	7.3	12.2	5.2	4.3	9.2	-4.8	-5.0	7.8	3.09
WCR	Target	37.4	39.7	31.6	31.6	33.4	36.1	37.9	45.9	45.9	45.9	47.8	47.8	40.1	
	Actual	59.0	56.3	49.3	46.2	45.3	51.9	58.4	59.4	59.5	59.6	62.4	58.3	55.5	
	Var.	21.6	16.6	17.7	14.6	11.9	15.8	20.5	13.4	13.6	13.7	14.5	10.5	15.4	38.35
IR	Target	1851.8	1855	1849.9	1844.5	1872.3	1871.8	1868.3	1864.9	1864.8	1856.0	1804.2	1803.6	1850.6	
	Actual	1980.4	1974.5	1958.1	1891.7	1967.9	1960.6	1990.9	1967.5	1942.7	1936.2	1925.9	1915.8	1951.0	
	Var.	128.6	119.4	108.2	47.2	95.6	88.8	122.6	102.6	77.9	80.2	121.6	112.2	100.4	5.4
% Outage		6.9	6.4	5.9	2.6	5.1	4.7	6.6	5.5	4.2	4.3	6.7	6.2	5.4	

SERVICE BASE COACHING DIESEL LOCO OUTAGE(B.G)-2023-2024 As Per FOIS																
Rly	BG	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Avg.	% Var	
CR	Target	29.0	29.0	29.0	29.0	29.0	29.0	32.0	36.0	36.0	39.0	32.0	32.0	31.8		
	Actual	41.0	45.0	47.6	47.4	48.0	49.5	42.2	43.9	42.5	45.1	37.8	38.8	44.1		
	Var.	12.0	16.0	18.6	18.4	19.0	20.5	10.2	7.9	6.5	6.1	5.8	6.8	12.3	38.77	
ER	Target	11.0	11.0	7.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.8	3.9		
	Actual	16.7	19.2	14.5	8.8	8.8	8.5	9.5	7.9	5.4	9.1	9.5	9.2	10.6		
	Var.	5.7	8.2	7.5	6.8	6.8	6.5	7.5	5.9	3.4	7.1	7.7	7.4	6.7	173.30	
ECR	Target	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	Actual	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0		
	Var.	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	#DIV/0!	
ECOR	Target	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	Actual	0.2	0.3	0.5	0.2	0.4	0.3	0.2	0.9	0.1	0.1	0.0	0.1	0.3		
	Var.	0.2	0.3	0.5	0.2	0.4	0.3	0.2	0.9	0.1	0.1	0.0	0.1	0.3	#DIV/0!	
NR	Target	197.0	179.0	179.0	191.0	191.0	195.0	197.0	197.0	184.0	183.0	173.3	109.0	181.3		
	Actual	245.7	256.2	260.4	241.9	228.2	214.1	213.8	210.8	198.9	189.7	184.3	187.2	219.3		
	Var.	48.7	77.2	81.4	50.9	37.2	19.1	16.8	13.8	14.9	6.7	11.0	78.2	38.0	20.95	
NCR	Target	7.0	7.0	7.0	7.0	7.0	7.0	7.6	7.6	7.6	7.6	7.6	5.0	7.1		
	Actual	14.5	14.0	13.7	14.0	16.1	17.0	12.6	10.1	8.3	8.0	8.0	7.7	12.0		
	Var.	7.5	7.0	6.7	7.0	9.1	10.0	5.0	2.5	0.7	0.4	0.4	2.7	4.9	69.61	
NER	Target	17.0	7.0	8.0	8.0	8.0	8.0	8.0	8.0	4.8	4.8	0.0	0.0	6.8		
	Actual	17.3	12.4	8.4	8.6	8.7	9.0	8.7	9.0	9.0	1.0	0.3	0.2	7.7		
	Var.	0.3	5.4	0.4	0.6	0.7	1.0	0.7	1.0	4.2	-3.8	0.3	0.2	0.9	13.52	
NFR	Target	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0		
	Actual	122.1	131.9	129.4	121.3	120.5	121.0	122.2	128.8	121.1	121.9	125.5	125.3	124.2		
	Var.	1.1	10.9	8.4	0.3	-0.5	0.0	1.2	7.8	0.1	0.8	4.5	4.3	3.2	2.67	
NWR	Target	94.0	94.0	94.0	94.0	94.0	94.0	83.9	83.9	83.9	83.9	75.8	76.0	87.6		
	Actual	106.9	112.9	114.9	112.9	116.4	115.0	115.3	112.8	108.0	104.9	102.1	107.0	110.8		
	Var.	12.9	18.9	20.9	18.9	22.4	21.0	31.4	28.9	24.1	21.0	26.3	31.0	23.1	26.41	
SR	Target	56.0	50.0	50.0	47.0	47.0	47.0	47.0	43.0	41.0	36.0	36.0	36.0	44.7		
	Actual	52.9	50.2	48.9	46.7	47.6	45.2	45.5	43.5	38.5	37.7	35.4	36.7	44.0		
	Var.	-3.1	0.2	-1.1	-0.3	0.6	-1.7	-1.5	0.5	-2.5	1.7	-0.6	0.7	-0.6	-1.37	
SCR	Target	152.0	140.0	133.0	134.0	134.0	121.0	122.0	122.0	116.0	115.0	111.2	98.2	124.9		
	Actual	144.8	149.3	142.4	133.3	137.0	134.3	123.8	127.5	126.1	124.0	121.6	102.9	130.6		
	Var.	-7.2	9.3	9.3	-0.7	3.0	13.3	1.8	5.5	10.1	9.0	10.4	4.7	5.7	4.58	
SER	Target	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	Actual	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.3	0.1		
	Var.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.3	0.1	#DIV/0!	
SECR	Target	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	Actual	1.4	0.1	0.9	1.1	0.2	1.6	0.8	0.7	1.7	0.1	1.0	0.2	0.8		
	Var.	1.4	0.1	0.9	1.1	0.2	1.6	0.8	0.7	1.7	0.1	1.0	0.2	0.8	#DIV/0!	
SWR	Target	121.0	121.0	120.0	114.0	112.0	112.0	112.0	112.0	111.0	106.0	105.0	106.0	112.7		
	Actual	136.1	131.3	128.5	129.2	134.9	128.0	127.9	123.3	106.4	105.8	110.0	110.1	122.6		
	Var.	15.1	10.3	8.5	15.2	22.9	16.0	15.9	11.3	-4.6	-0.2	5.0	4.1	9.9	8.82	
WR	Target	64.7	68.0	68.0	66.0	55.0	55.0	56.8	53.8	52.8	46.2	39.8	34.0	55.0		
	Actual	87.3	91.6	95.2	88.9	72.3	71.7	71.7	75.8	62.8	53.9	49.7	45.0	72.2		
	Var.	22.6	23.6	27.2	22.9	17.3	16.7	14.9	22.0	10.0	7.7	9.9	11.0	17.2	31.18	
WCR	Target	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	Actual	8.6	10.8	12.2	7.7	2.4	0.1	0.5	1.6	0.0	0.1	0.1	0.3	3.7		
	Var.	8.6	10.8	12.2	7.7	2.4	0.1	0.5	1.6	0.0	0.1	0.1	0.3	3.7	#DIV/0!	
IR	Target	869.7	827.0	816.0	813.0	800.0	791.0	789.3	786.3	760.1	744.5	703.5	619.0	776.6		
	Actual	995.5	1025.1	1017.5	961.91	941.54	915.3	894.8	896.6	828.8	801.4	785.3	771.8	903.0		
	Var.	125.8	198.1	201.5	148.9	141.5	124.3	105.5	110.3	68.7	56.9	81.8	152.8	126.4	16.3	
% Outage		14.5	24.0	24.7	18.3	17.7	15.7	13.4	14.0	9.0	7.6	11.6	24.7	16.3		

SERVICE BASE FREIGHT + COACHING DIESEL LOCO OUTAGE(B.G)-2023-2024 As Per FOIS															
Rly	BG	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Avg.	% Var
CR	Target	155.4	160.3	157.8	158.7	155.5	152.1	151.5	156.5	164.8	165.9	136.1	136.1	154.2	
	Actual	185.6	185.8	187.5	184.1	191.6	188.1	182.3	180.2	184.0	184.3	169.4	167.8	182.6	
	Var.	30.1	25.5	29.7	25.5	36.1	36.0	30.8	23.6	19.2	18.4	33.3	31.8	28.3	18.37
ER	Target	141.4	145.0	140.5	140.2	137.0	142.6	136.0	146.6	145.1	145.1	111.9	111.0	136.9	
	Actual	180.6	187.7	183.0	177.6	185.8	186.8	190.1	189.0	193.4	191.5	196.4	196.3	188.2	
	Var.	39.3	42.7	42.5	37.4	48.8	44.2	54.1	42.4	48.3	46.4	84.5	85.3	51.3	37.49
ECR	Target	75.8	74.2	71.0	71.0	63.1	63.1	72.5	72.5	74.4	74.4	77.6	71.3	71.7	
	Actual	91.3	86.4	84.8	81.8	84.4	87.7	86.3	83.8	83.1	83.7	87.2	86.9	85.6	
	Var.	15.5	12.2	13.9	10.9	21.3	24.6	13.8	11.3	8.6	9.3	9.6	15.6	13.9	19.34
ECOR	Target	130.9	131.1	127.8	127.8	127.8	124.6	123.7	123.7	123.7	122.8	107.4	107.4	123.2	
	Actual	139.8	139.2	137.7	131.5	138.4	132.8	132.6	134.5	138.3	134.9	145.9	144.5	137.5	
	Var.	8.9	8.2	9.8	3.7	10.6	8.2	8.9	10.8	14.6	12.1	38.5	37.1	14.3	11.58
NR	Target	510.4	519.8	519.7	519.1	519.1	521.1	522.5	531.7	533.4	533.4	546.5	483.0	521.6	
	Actual	530.1	544.6	544.9	514.8	529.3	521.5	530.2	516.4	492.6	493.0	485.3	488.4	515.9	
	Var.	19.8	24.8	25.2	-4.3	10.2	0.5	7.7	-15.3	-40.8	-40.4	-61.3	5.4	-5.7	-1.10
NCR	Target	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	5.7	7.4	
	Actual	16.8	15.8	15.6	15.2	17.1	18.5	15.7	11.8	11.3	11.5	10.1	14.6	14.5	
	Var.	9.3	8.3	8.1	7.6	9.5	10.9	8.1	4.2	3.7	3.9	2.5	8.9	7.1	95.25
NER	Target	17.1	7.6	8.5	8.5	8.5	8.5	8.5	8.5	4.8	4.8	0.0	0.0	7.1	
	Actual	17.3	12.6	8.4	8.7	8.8	9.0	8.7	9.0	9.3	1.2	0.4	0.5	7.8	
	Var.	0.2	5.1	-0.1	0.1	0.3	0.5	0.2	0.5	4.5	-3.7	0.4	0.5	0.7	9.97
NFR	Target	193.6	193.6	193.6	182.8	181.9	181.9	180.1	180.1	180.1	180.1	180.2	228.3	188.0	
	Actual	198.0	205.0	199.9	185.1	186.2	181.2	186.0	201.8	190.1	190.6	190.6	200.7	192.9	
	Var.	4.4	11.4	6.3	2.3	4.3	-0.7	6.0	21.8	10.0	10.5	10.5	-27.6	4.9	2.62
NWR	Target	161.3	163.1	161.6	164.7	163.7	159.2	149.4	149.4	153.0	153.8	146.7	145.5	155.9	
	Actual	175.4	178.4	175.3	167.2	170.1	163.2	159.9	156.7	157.2	152.8	146.6	146.7	162.4	
	Var.	14.1	15.3	13.7	2.5	6.4	3.9	10.5	7.3	4.2	-1.0	-0.1	1.2	6.5	4.16
SR	Target	86.2	80.0	79.3	77.2	76.5	77.3	77.3	73.0	70.3	65.9	65.9	66.8	74.6	
	Actual	85.0	80.1	80.0	77.8	80.4	79.4	79.4	77.5	71.8	69.3	76.6	95.9	79.4	
	Var.	-1.2	0.1	0.7	0.7	3.9	2.1	2.1	4.5	1.4	3.4	10.7	29.2	4.8	6.44
SCR	Target	370.2	348.2	332.2	340.5	373.9	361.0	366.6	334.2	310.2	310.3	323.6	271.6	336.9	
	Actual	374.3	385.0	386.1	382.1	392.0	383.8	384.8	369.1	346.3	342.0	340.6	293.2	364.9	
	Var.	4.1	36.8	53.9	41.6	18.1	22.7	18.2	34.9	36.1	31.7	16.9	21.6	28.0	8.32
SER	Target	37.9	32.5	45.1	45.1	45.1	45.1	72.2	72.2	72.2	72.2	85.7	93.9	59.9	
	Actual	40.6	42.2	45.4	45.9	46.9	54.4	72.9	74.9	74.8	74.6	87.3	95.2	62.9	
	Var.	2.7	9.7	0.3	0.7	1.8	9.3	0.7	2.7	2.6	2.3	1.5	1.4	3.0	4.95
SECR	Target	151.4	134.2	149.6	150.5	150.9	150.9	131.8	133.6	133.6	134.5	83.0	83.0	132.2	
	Actual	165.7	163.7	163.2	159.4	164.3	153.1	136.3	144.0	142.4	142.1	113.7	115.9	147.0	
	Var.	14.3	29.5	13.6	8.9	13.4	2.2	4.6	10.4	8.8	7.6	30.7	32.9	14.7	11.14
SWR	Target	333.9	333.8	328.4	322.9	321.2	319.9	312.9	304.0	295.9	280.3	279.6	272.4	308.8	
	Actual	356.8	351.8	350.4	328.6	333.7	328.8	327.4	315.7	293.6	286.1	285.5	277.8	319.7	
	Var.	22.9	18.0	22.0	5.7	12.5	8.9	14.5	11.7	-2.3	5.8	5.9	5.3	10.9	3.53
WR	Target	311.1	311.5	311.5	309.5	307.1	311.8	307.1	311.6	309.8	303.5	308.0	298.8	308.4	
	Actual	351.0	354.1	351.9	340.1	332.9	335.8	334.2	338.8	324.1	320.4	313.1	304.8	333.4	
	Var.	39.9	42.6	40.4	30.6	25.8	24.0	27.1	27.2	14.3	16.9	5.1	6.0	25.0	8.10
WCR	Target	37.4	39.7	31.6	31.6	33.4	36.1	37.9	45.9	45.9	45.9	47.8	47.8	40.1	
	Actual	67.6	67.1	61.5	53.9	47.7	51.9	58.9	60.9	59.5	59.7	62.5	58.6	59.2	
	Var.	30.2	27.4	29.9	22.3	14.3	15.8	21.0	15.0	13.6	13.8	14.7	10.8	19.1	47.55
IR	Target	2721.5	2682.1	2665.9	2657.5	2672.3	2662.8	2657.6	2651.2	2624.9	2600.5	2507.7	2422.6	2627.2	
	Actual	2975.9	2999.6	2975.6	2853.6	2909.5	2875.9	2885.7	2864.1	2771.5	2737.6	2711.1	2687.7	2854.0	
	Var.	254.4	317.6	309.7	196.2	237.2	213.1	228.1	212.9	146.7	137.1	203.4	265.1	226.8	8.6
% Outage		9.3	11.8	11.6	7.4	8.9	8.0	8.6	8.0	5.6	5.3	8.1	10.9	8.6	