

NORTHEAST FRONTIER RAILWAY



e - Book

FINANCIAL RESULTS AND IMPORTANT STATISTICAL HIGHLIGHTS 2022-23

चेतन कुमार श्रीवास्तव
महाप्रबंधक
CHETAN KUMAR SHRIVASTAVA
GENERAL MANAGER



पूर्वोत्तर सीमा रेल
NORTHEAST FRONTIER RAILWAY
मालीगांव, गुवाहाटी - 781011
MALIGAON, GUWAHATI - 781011



MESSAGE

I am extremely happy to know that the Statistical Department is bringing out the e-Book showing Financial Results and Important Statistical Highlights of Northeast Frontier Railway. The data provided in the e-Book will help not only the management in better planning and effective decision making process but also disseminate information to the public regarding the contribution made by Northeast Frontier Railway for the betterment of the Northeast India.

Keeping in sync with the instruction of the Government of India regarding going digital & adopting environment friendly methods such as switching over to paperless working the decision to compile all the information as e-Book is commendable.

I congratulate all the officers & staff involved in publishing this e-Book for the F.Y.2022-23.

Maligaon 19th November, 2024

(CHETAN KUMAR SHRIVASTAVA),
General Manager

☎ : दूरसंचार
DOT
0361-2676000

रेलवे
RLY
22000

फैक्स दूरसंचार
FAX : DOT
0361-2676124

ई-मेल
E-mail : gm@nfr.railnet.gov.in

डेविड लालमलसावमा, आई. आर. ए. एस.

प्रधान वित्तीय सलाहकार

DAVID LALMALSAWMA, IRAS

Principal Financial Advisor

e-mail : facao@nfr.railnet.gov.in



सत्यमेव जयते

पूर्वोत्तर सीमा रेल, मालीगाँव, गुवाहाटी-781011

NORTHEAST FRONTIER RAILWAY

Maligaon, Guwahati-781011, Assam

Phone : 22100 (Rly), 0361-2676012 (O)



MESSAGE

1. I am glad to know that as in previous years, the Statistical & Analysis Branch is publishing in e-book form a compilation of Data on Important Financial Results and other Important Statistics of N.F.Railway for the year 2022-23. I am sure the valuable managerial information will help the Management in bringing out more efficiency into the system. And I am also confident that statistical data that has been compiled would be of immense use to the readers.
2. I would like to place my appreciation on record to all the officers and staff involved in bringing out this e-book for the F.Y. 2022-23.

(DAVID LALMALSAWMA)

Place :Maligaon

Date: 20.11.2024

Key Statistics - N. F. Railway

ITEM	2021-2022	2022-2023
1. Route Kms.	4216.26	4260.52
2. No. of Railway Stations	446	466
3. No. of Employees	60594	58900
4. Rolling Stock (System) :		
i) Locomotive a) Steam (NG)	8	7
b) Diesel	328	224
c) Electric	9	25
Total	345	256
ii) Passenger Carriage (In unit)	4408	4288
5. Traffic volume System :		
a) Passenger Carried (In million)	53.97	99.77
b) Tonnes carried (Goods)(In million)	44.84	45.12
6. Gross Traffic Earnings (Crores)	6029.40	7680.94
7. Total Working Expenses Excl. Suspense (Crores)	9889.96	8434.79
8. Suspense expenses	(-) 46.44	(-) 1.61
9. Net Earnings (Crores)	(-) 3905.40	(-) 3670.72
10. Operating Ratio(Percent)	164.80	148.21

CONTENTS

	Page No.
I. Financial Results	1
II. Physical Statistics	6
III. Administrative Statistics	8
IV. Commercial Statistics	11
V. Operating Statistics	23
VI. Mechanical/Electrical Operating	28
VII. Specific Fuel Consumption	32
VIII. Workshop Repair Statistics	33
IX. Result of Working	35
X. Stores Purchases & Inventory	40
XI. Financial Position of Indian Zonal Railway :	
(i) Gross Earnings	41
(ii) Working Expenses	42
(iii) Operating Ratio	43

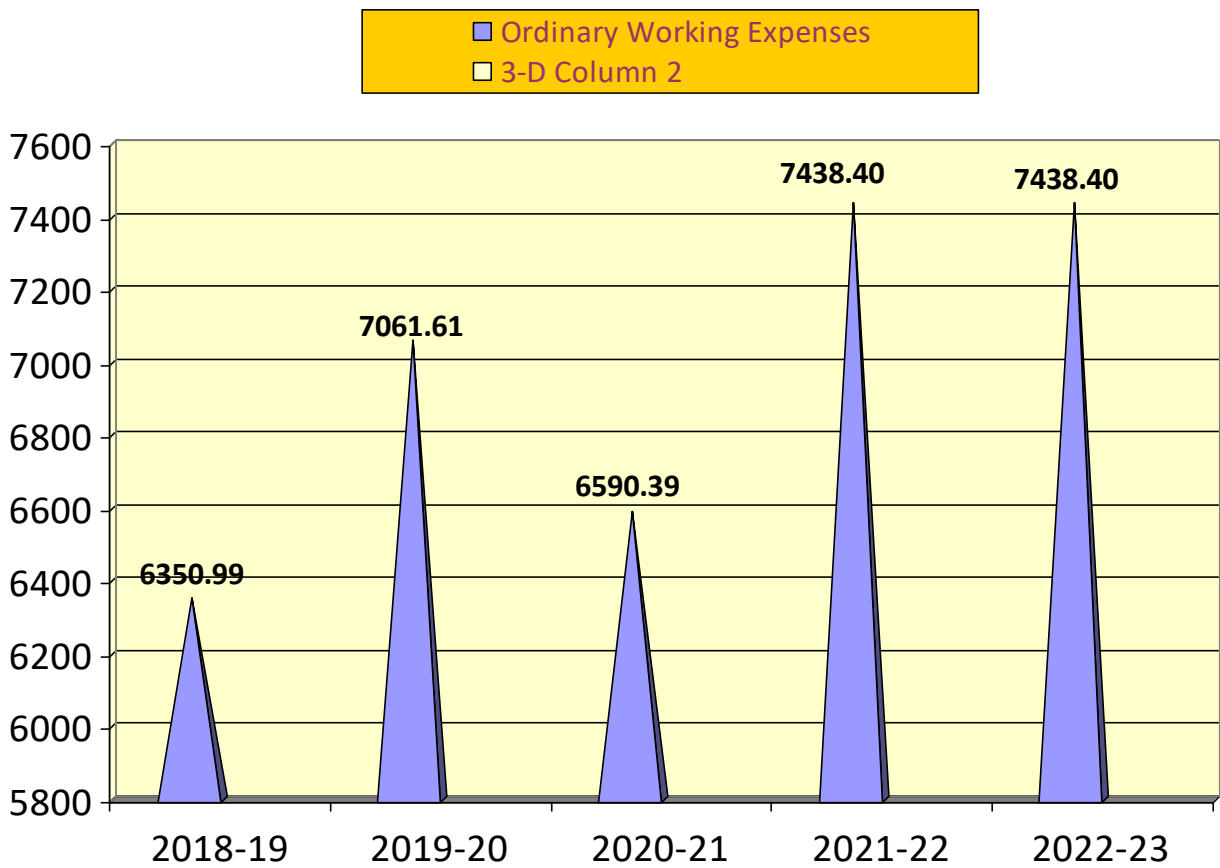
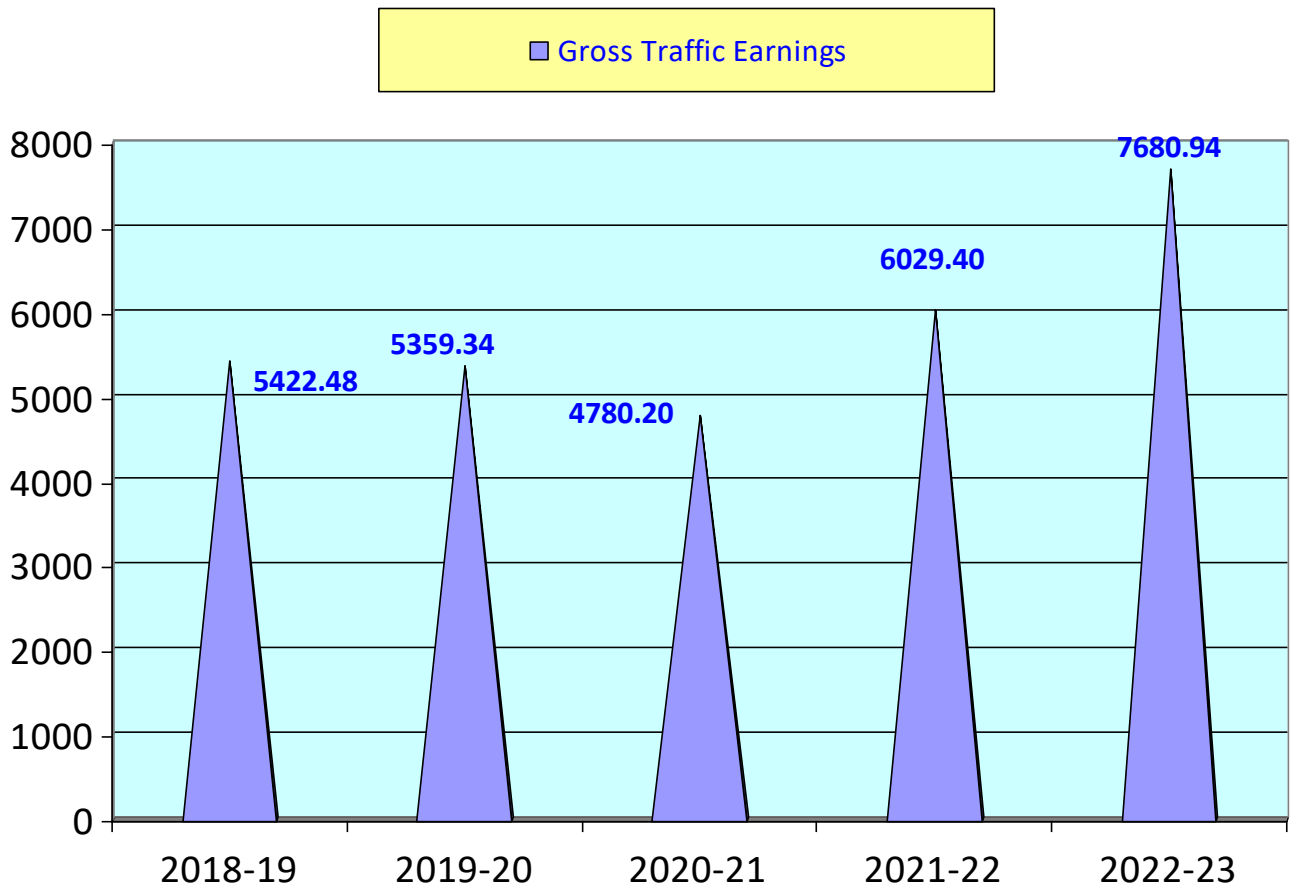
(For Official Use only)

NORTHEAST FRONTIER RAILWAY

I. FINANCIAL RESULTS

(In Crores of Rs.)

Description	2018-19	2019-20	2020-21	2021-22	2022-23
Financial Position :					
Capital at charge	44159.55	40663.38	45919.27	51603.67	5740.79
Gross traffic earnings	5422.84	5359.34	4780.20	6029.40	7680.94
Suspense	(-) 1.36	(-) 3.19	(-) 1.97	-	(-) 1.61
Gross traffic receipts	5421.48	5359.38	4780.20	3863.83	7674.27
Ordinary working expenses	6350.99	7061.61	6590.39	7438.40	8450.96
Suspense	(-) 4.71	(-) 23.28	(-) 1.71	(-) 46.44	(-) 1.61
Total Ordinary Working Expenses	6355.70	7061.61	6590.39	9889.96	8434.79
Appropriation to Depreciation Reserve Fund	307.80	41.00	20.00	-	620.00
Appropriation to Pension Fund	2326.00	1030.70	27.00	2498.00	3730.00
Total working expenses (including suspense)	8712.48	8128.91	6661.28	9889.96	11367.79
Net traffic receipts	(-) 3291.00	(-)2750.69	(-)1855.48	(-) 3948.58	1703.27
Net miscellaneous receipts	(-) 2713.67	1388.00	4502.00	452.25	(-) 2278.56
Net revenue	(-) 3263.42	(-) 3284.93	(-) 1859.16	(-) 3905.40	(-) 3670.72

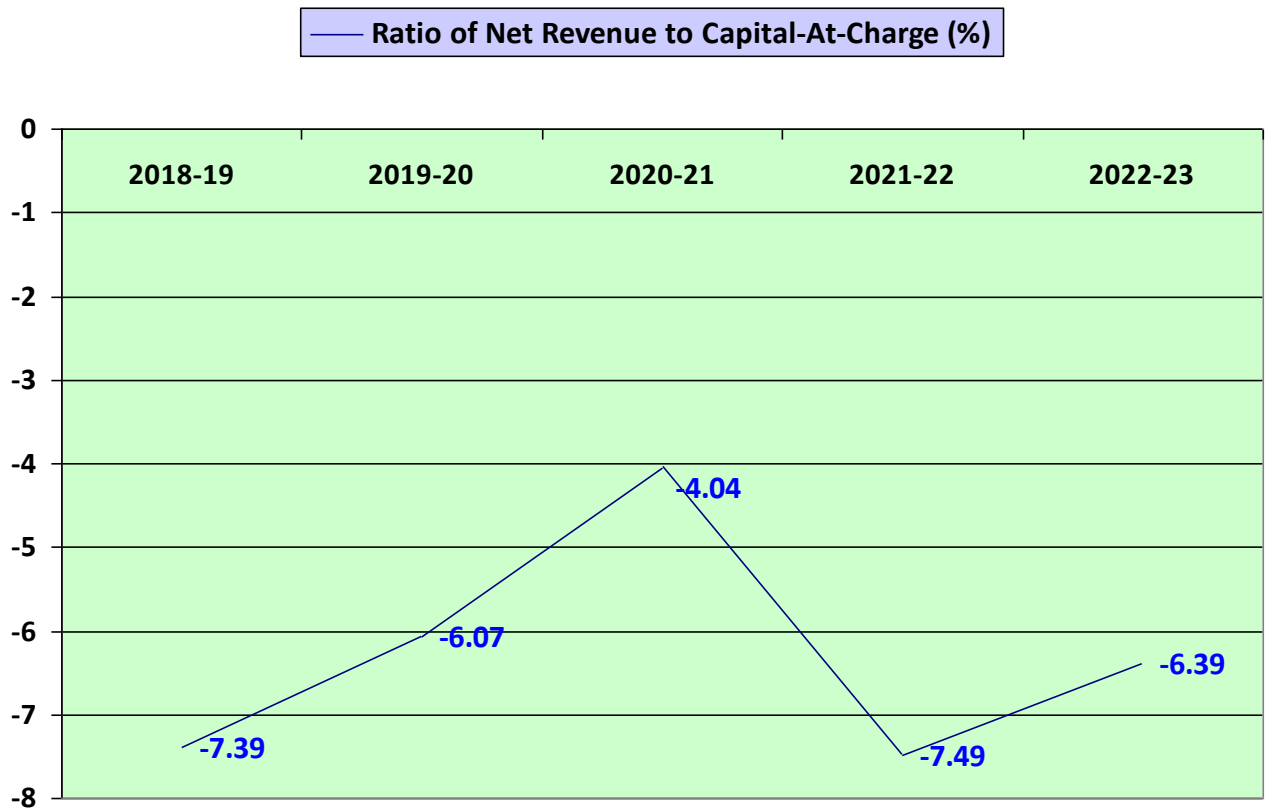
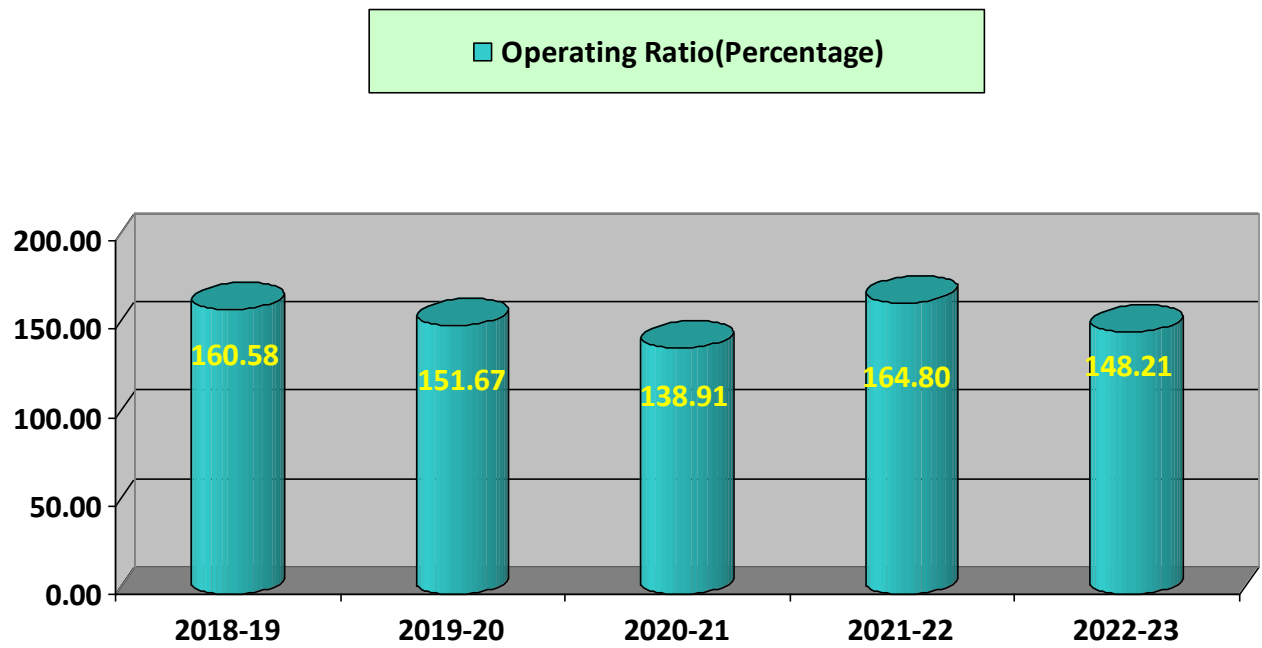


NORTHEAST FRONTIER RAILWAY

I. FINANCIAL RESULTS

(In crores of Rs.)

Description	2018-19	2019-20	2020 -21	2021-22	2022-23
Financial Position : Operating ratio (percent)	160.58	151.67	138.91	164.80	148.21
Ratio of net revenue to Capital at charge (percent)	(-) 7.39	(-) 6.07	(-) 4.04	(-)7.49	(-)6.39
2. Detail of traffic earnings (including refund)	582.52	585.38	280.84	567.60	894.86
(a) Coaching (i) Passenger a) Upper Class					
b) Lower Class	767.84	747.20	179.67	483.35	762.96
Total	1350.36	1332.58	460.51	1050.95	1657.82
(ii) Other coaching	184.68	211.96	114.97	228.53	345.76
(b) Goods	2152.24	1932.67	2190.65	2606.52	3198.51
(c) Sundry	1736.90	1885.31	2012.08	2143.42	2478.85
(d) Total	5424.18	5362.53	4778.23	4978.47	7680.94
3. Details of ordinary working expenses :	422.64	444.29	449.65	476.12	502.49
(i) General Superintendence & Service					
(ii) Repair & maintenance of permanent way and works	978.74	1058.82	1078.60	1080.05	1295.77



NORTHEAST FRONTIER RAILWAY**I. FINANCIAL RESULTS**

(In crores of Rs.)

Description	2018-19	2019-20	2020-21	2021-22	2022-23
(iii) Repairs & maintenance of Motive Power	231.28	259.16	226.99	197.35	203.87
(iv) Repairs & maintenance of Carriage & Wagon	734.21	797.81	757.25	826.43	1102.01
(v) Repairs & maintenance of Plan & Equipment	325.44	358.56	361.44	366.89	461.47
(vi) Operation expenses Rolling stock & Equipment	474.89	648.79	510.49	639.67	780.47
(vii) Operation expenses Traffic	871.57	967.71	962.71	930.09	999.79
(viii) Operation expenses Fuel	1317.09	1376.48	1033.09	1029.46	1750.92
(ix) Staff welfare amenities	488.58	515.54	570.39	566.59	595.10
(x) Miscellaneous Working Expenses	387.72	443.59	436.66	452.25	491.37
(xi) Provident Fund Pension & other retirement benefits	118.83	186.85	203.12	246.66	269.37
Total	6350.99	7061.61	6590.39	6952.07	8450.96

NORTHEAST FRONTIER RAILWAY

II. PHYSICAL STATISTICS

(Figures in unit)

Description	2018-19	2019-20	2020-21	2021-22	2022-23
1. Route KMS. :					
Broad Gauge	4112.38	4151.50	4151.31	4216.26	4260.52
Metre Gauge	0.34	0.34	0.34	0.34	0.34
Narrow Gauge	87.48	87.48	87.48	87.48	87.48
Total	4200.20	4239.32	4239.13	4304.08	4348.34
1. Running Track KMS. :					
Broad Gauge	4623.26	4696.98	4756.58	4955.31	5072.24
Metre Gauge	0.34	0.34	0.34	0.34	0.34
Narrow Gauge	87.48	87.48	87.48	87.48	87.48
Total	4711.08	4784.80	4844.40	5043.13	5160.06
2. No. of stations :					
Broad Gauge	426	433	433	446	466
Metre Gauge	-	-	-	-	-
Narrow Gauge	13	13	13	13	13
Total	439	446	446	459	479

NORTHEAST FRONTIER RAILWAY

II. PHYSICAL STATISTICS

(Figures in unit)

Description	2018-19	2019-20	2020-21	2021-22	2022-23
4. No. of Locomotives (on line)					
Broad Gauge:					
Steam	-	-	-	-	-
Diesel	390	406	382	320	212
Total	390	406	382	320	212
Metre Gauge :					
Steam	-	-	-	-	-
Diesel	-	-	-	-	-
Total	-	-	-	-	-
Narrow Gauge :		-			
Steam	6	6	7	8	7
Diesel	390	406	382	320	212
Total	396	412	389	328	219
5.Coaching Stock (in units)					
(a) Passenger carriages:					
Broad Gauge	3632	4006	3530	4339	4219
Metre Gauge	-	-	-	-	-
Narrow Gauge	69	69	69	69	69
Total	3701	4075	3599	4408	4288
(b)Other coaching vehicle					
Broad Gauge	183	175	189	193	283
Metre Gauge	-	-	-	-	-
Narrow Gauge	3	3	-	3	3
Total	186	178	189	196	286
6.Goods Stock (Wagons)					
(in units)					
Broad Gauge	6705	6698	8235	9163	8694

NORTHEAST FRONTIER RAILWAY

III. ADMINISTRATIVE STATISTICS

Description	2018-19	2019-20	2020-21	2021-22	2022-23
1. Average No. of Staff (as on 31 st March) (In unit) Group 'A'	558	456	453	509	534
Group 'B'	463	413	405	406	465
Group 'C'	36736	35815	36747	59685	57896
Group 'D'	19297	20542	17975	-	-
Total	57053	57053	55607	60599	58895
2. Cost of staff (in crores of Rs.)					
Group 'A'	170.16	323.98	155.50	475.26	563.48
Group 'B'	95.63	216.23	110.33	561.23	652.48
Group 'C'	4316.28	11647.84	4804.28	6752.43	6080.95
Group 'D'	1157.74	4167.03	1323.39	-	-
Total	5739.81	16355.08	6393.50	1036.50	7296.91
3. Average Cost Per Employee (in Rs.)					
Group 'A'	3049516	7100256	3432653	9339658	10552
Group 'B'	2173366	5230083	2724215	1382528	14023
Group 'C'	1174946	3270515	1307394	957690	1050
Group 'D'	599961	2028500	736238	-	-
Total	1005874	2866637	1149765	1114274	1239

NORTHEAST FRONTIER RAILWAY**III. ADMINISTRATIVE STATISTICS**

(Figure in unit)

Description	2018-19	2019-20	2020-21	2021-22	2022-23
Departmentwise Break up of No. of staff :					
(a)Administration	1620	1552	1547	1760	1686
(b) Accounts	1041	904	962	1083	1060
(c) Engineering	19812	20453	19591	19159	18464
(d) Transportation	7205	7331	7249	7040	1917
(e) Commercial	3356	3206	3005	2806	2698
(f) Mechanical Engineering	12076	12028	12121	12546	12317
(g) Stores	1209	1158	908	746	715
(h) Electrical	4275	4193	4209	4473	4491
(i) Signal & Tele-Com.	3034	2954	2788	2872	2777
(j) Medical	2917	2857	2711	2653	2461
(k) Railway Protection Force	3521	3420	3441	5456	5314
Total	60066	60056	58534	60594	53900

NORTHEAST FRONTIER RAILWAY

III. ADMINISTRATIVE STATISTICS

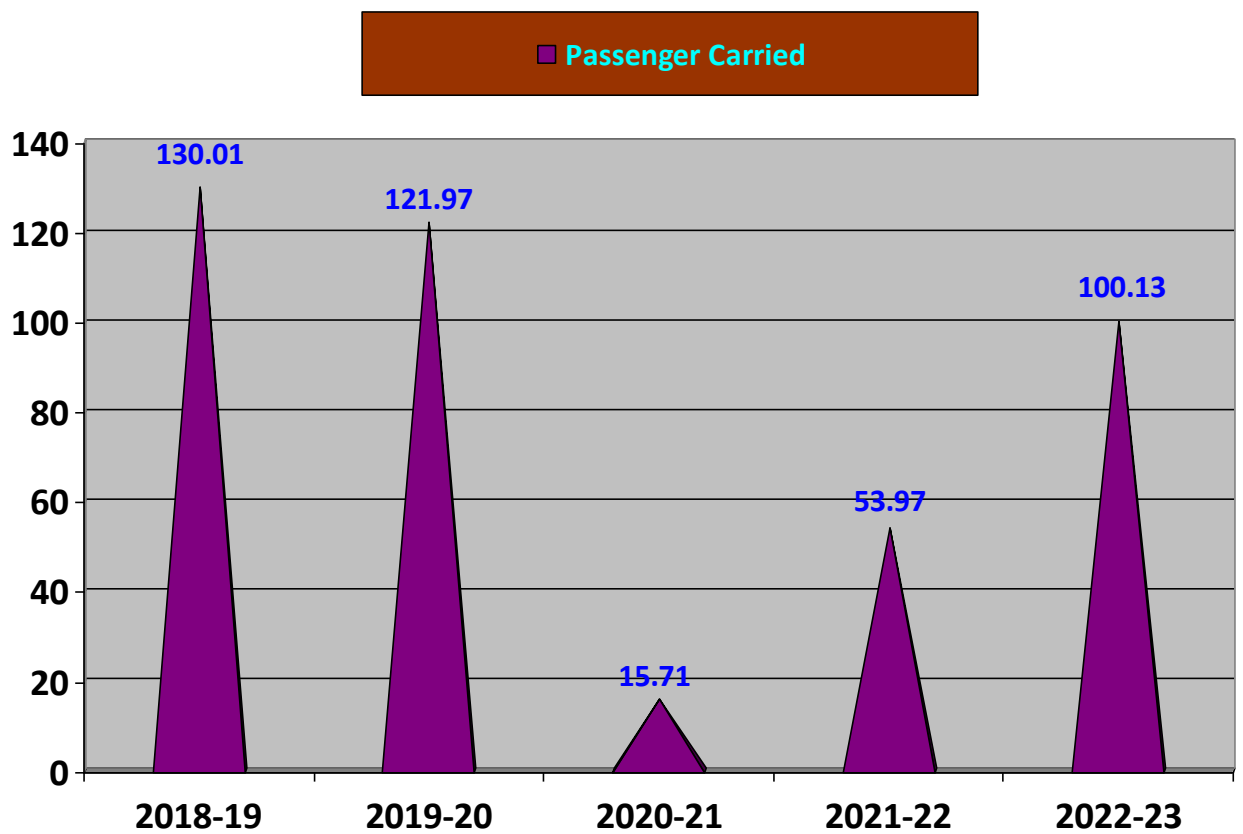
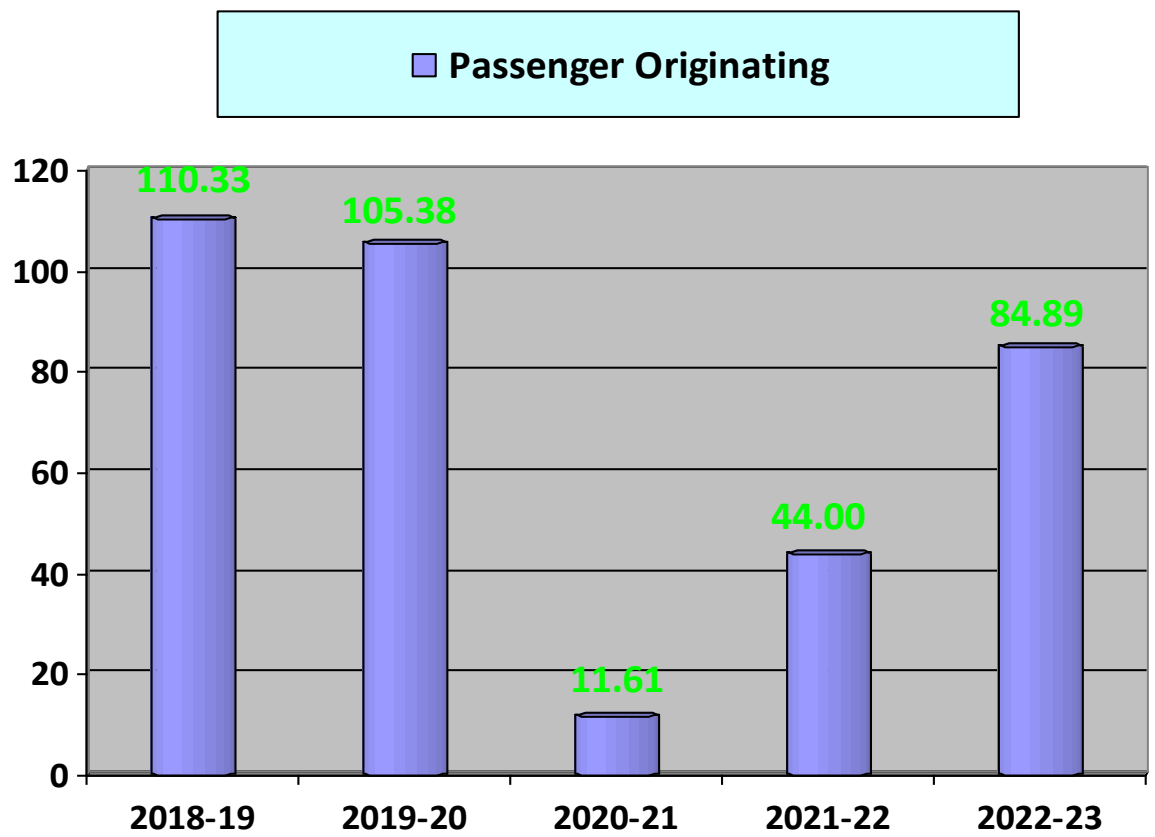
(Figures in unit)

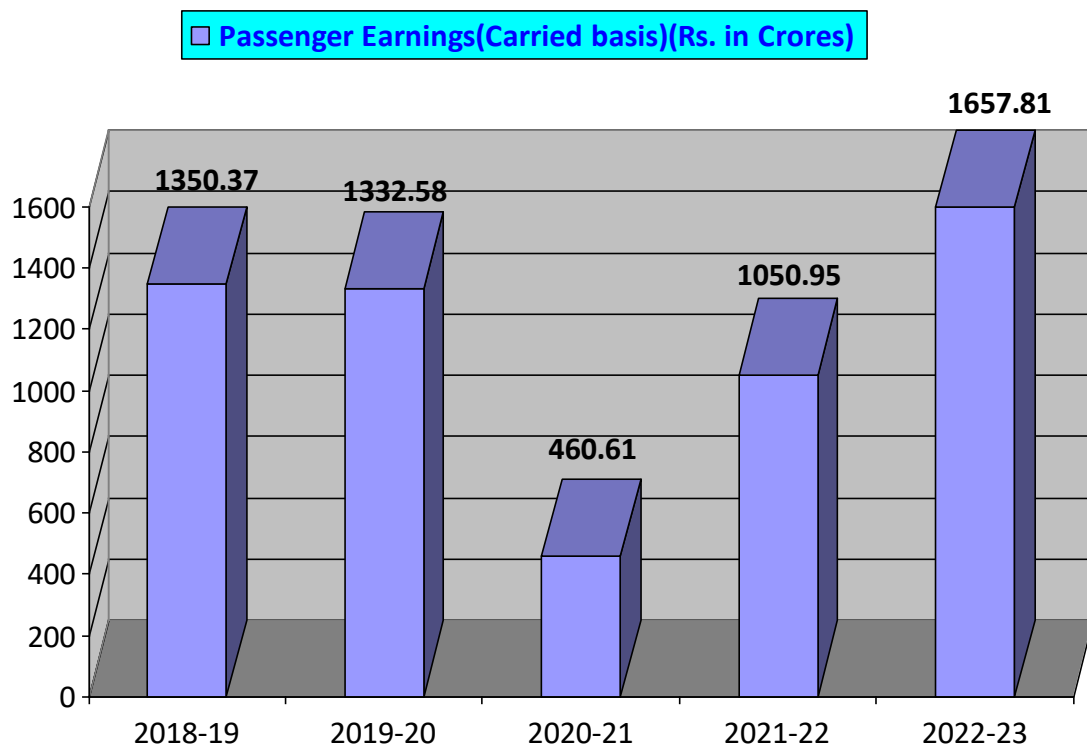
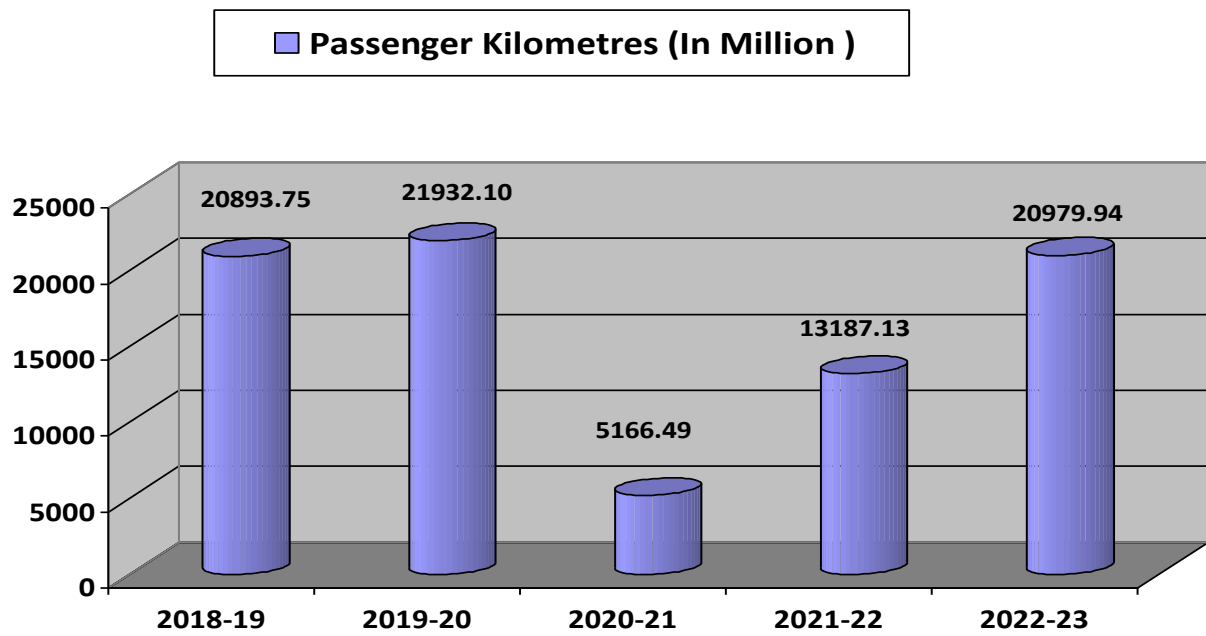
Description	Group C & D	Group C & D	Total Group A to B		Total Group A to D	
Department wise No. of staff	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23
(a) Administration	1494	1533	121	153	1615	1685
(b) Accounts	870	936	112	124	982	1060
(c) Engineering	17817	18234	119	230	17936	18464
(d) Transportation	7003	6885	28	32	7031	6917
(d) Commercial	2776	2566	30	31	2806	2697
(f) Mechanical Engineering	12473	12257	66	60	12539	12317
(g) Stores	693	679	32	36	725	715
(h) Electrical	4352	4440	39	49	2710	4489
(i) Signal & Tele-com.	2559	2707	41	68	2600	2775
(j) Medical	2472	2282	180	179	2652	2461
(k) Railway Protection Force	5415	5277	35	37	5450	5314
Total	57924	57896	803	999	58727	58895

NORTHEAST FRONTIER RAILWAY

IV. COMMERCIAL STATISTICS

Description	2018-19	2019-20	2020-21	2021-22	2022-23
A. Passenger Revenue Statistics					
1. Number of passenger originating (In millions): Broad Gauge	110.29	105.31	11.60	43.94	84.74
Metre Gauge	-	-	-	-	-
Narrow Gauge	0.04	0.07	0.01	0.06	0.15
Total System	110.33	105.38	11.61	44.00	84.89
2. Number of passenger Total Carried (in millions) Broad Gauge	129.96	121.90	15.71	53.85	99.77
Metre Gauge	-	-	-	-	-
Narrow Gauge	0.04	0.07	0.00	0.12	0.36
Total System	130.01	121.97	15.71	53.97	100.13
3. Passenger Kilometres : (in millions) Broad Gauge	20890.73	21930.01	5166.32	13185.37	20976.69
Metre Gauge	-	-	-	-	-
Narrow Gauge	3.02	2.09	(-) 0.17	1.76	3.25
Total System	20893.75	21932.10	5166.49	13187.13	20979.94
4. Passenger earnings carried basis (including refund) (Rs. in crores) Broad Gauge	1350.23	1324.31	459.67	1043.60	1640.43
Metre Gauge	-	-	-	-	-
Narrow Gauge	0.14	8.27	0.94	7.35	17.38
Total System	1350.37	1332.58	460.61	1050.95	1657.81



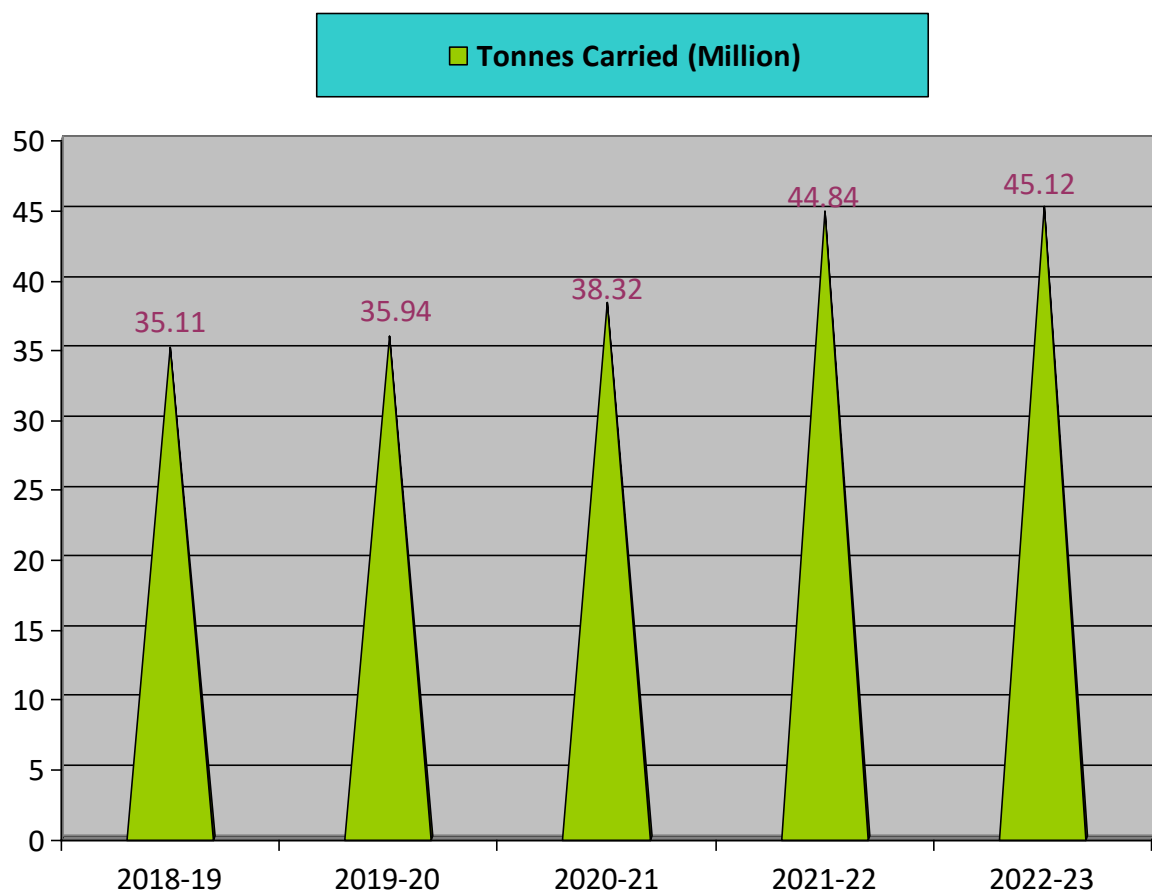
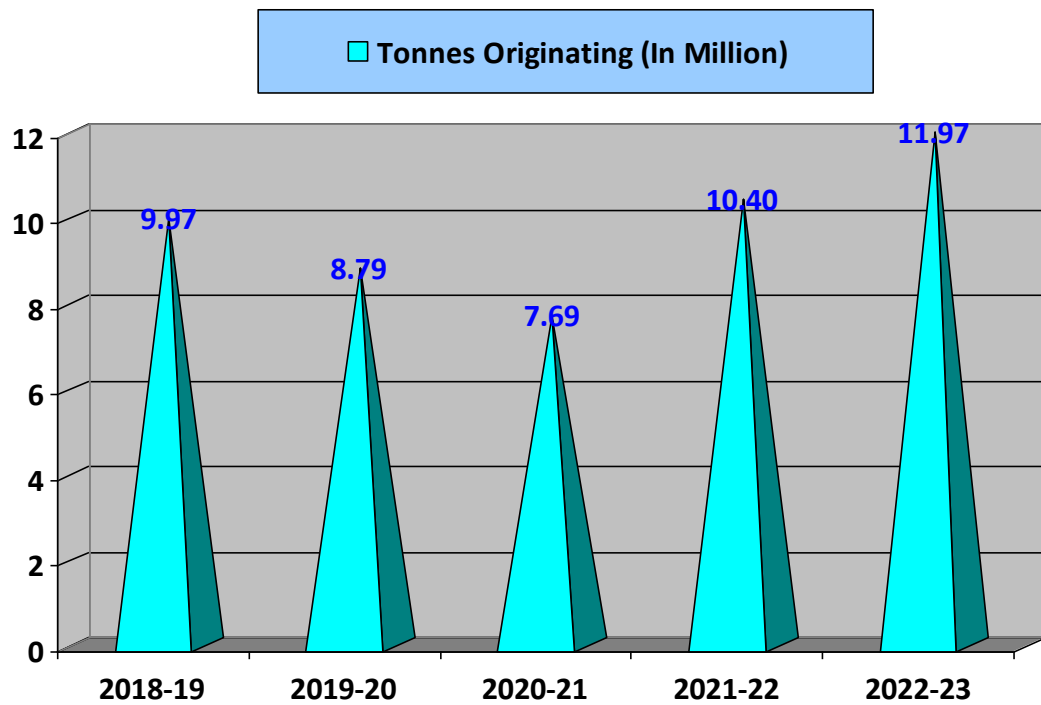


NORTHEAST FRONTIER RAILWAY

IV. COMMERCIAL STATISTICS

Description	2018-19	2019-20	2020-21	2021-22	2022-23
5. Average Rate Charged Per Passenger Km (Paise)	64.63	60.38	88.95	79.14	78.20
Broad Gauge					
Metre Gauge	-	-	-	-	-
Narrow Gauge	47.66	39.45	0.19	4.17	5.34
Total System	64.63	60.80	89.14	79.70	83.54
6. Average lead (in kilometers)	160.74	179.90	328.85	244.86	247.54
Broad Gauge					
Metre Gauge	-	-	-	-	-
Narrow Gauge	67.84	28.66	29.0	14.08	21.55
Total System	238.58	208.56	357.85	258.94	269.09
B. Goods Revenue Statistics					
1.Tonnes originating (in millions)					
(a) Revenue:	9.46	8.79	7.69	10.40	11.97
Broad Gauge					
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
Total	9.46	8.79	7.69	10.40	11.97
(b) Non-Revenue					
Broad Gauge	-	-	-	-	-
Metre Gauge			-	-	-
Narrow Gauge	-	-	-	-	-
Total	-	-			
(c) Total tonnes originating revenue and non-revenue(System)	9.46	8.79	7.69	10.40	11.97
2. Tonnes carried (in millions)					
(A) Revenue:					
Broad Gauge	36.31	35.94	38.32	44.84	45.12
Metre Gauge	-	-			
Narrow Gauge	-	-	-	-	-
Total :	36.31	35.94	38.32	44.84	45.12
(B) Non-Revenue:					
Broad Gauge	-	-	-	-	-
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
Total :	-	-	-	-	-
(C) Total carried on System	36.31	35.94	38.32	44.84	45.12

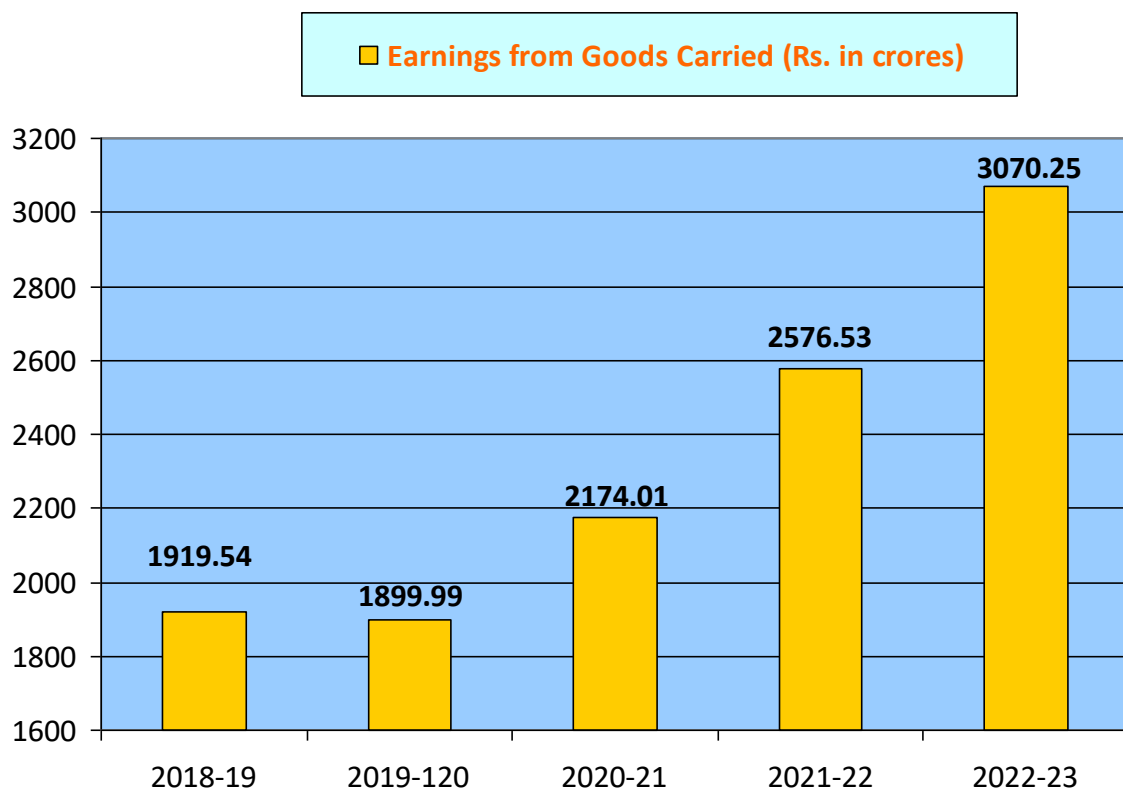
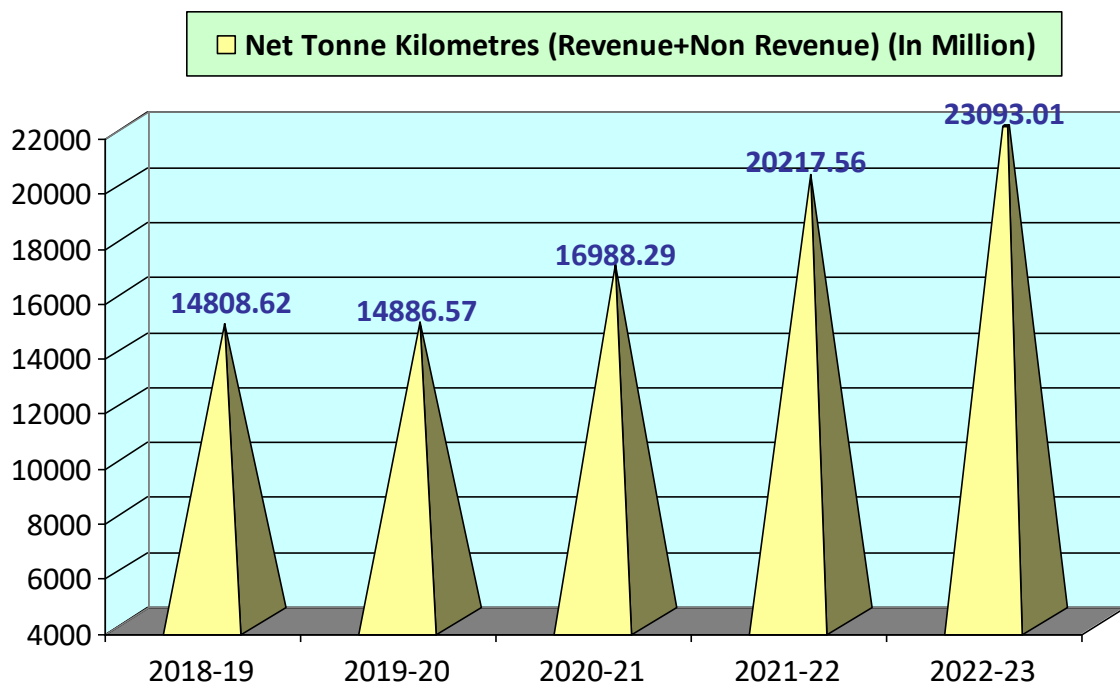
=14=



NORTHEAST FRONTIER RAILWAY

IV. COMMERCIAL STATISTICS

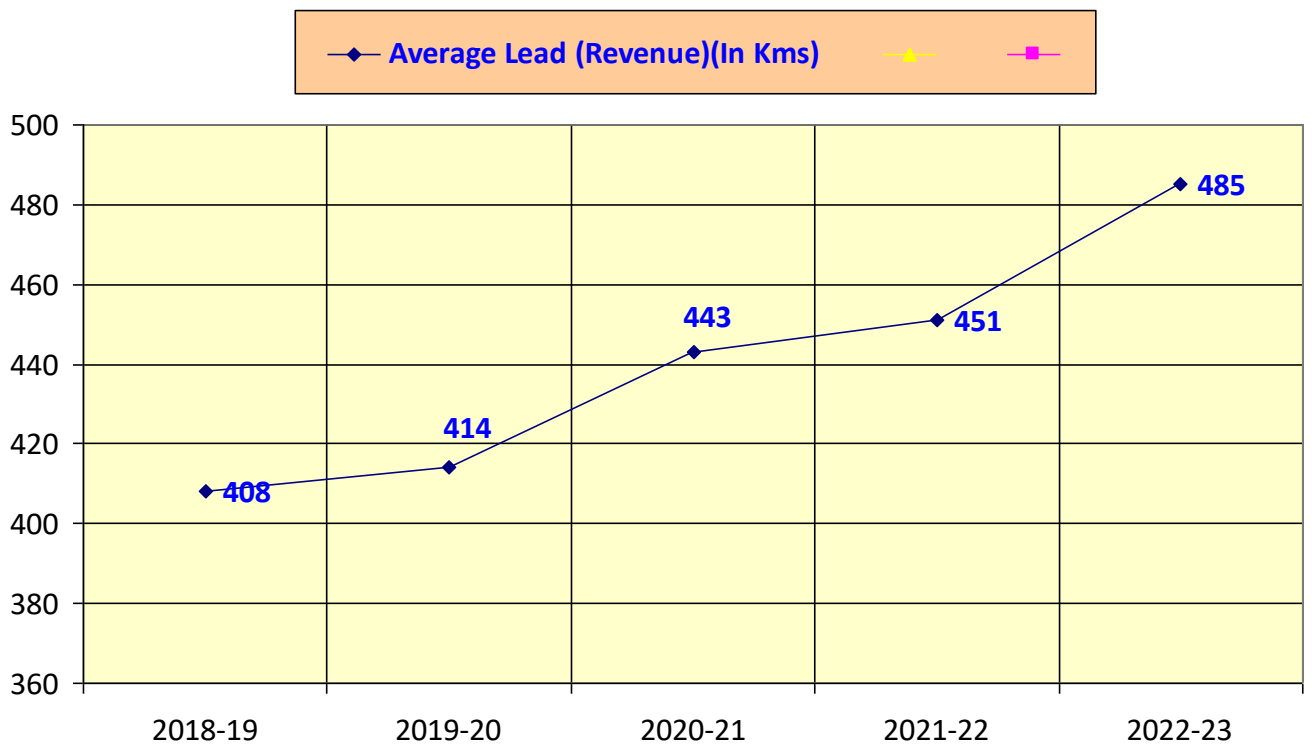
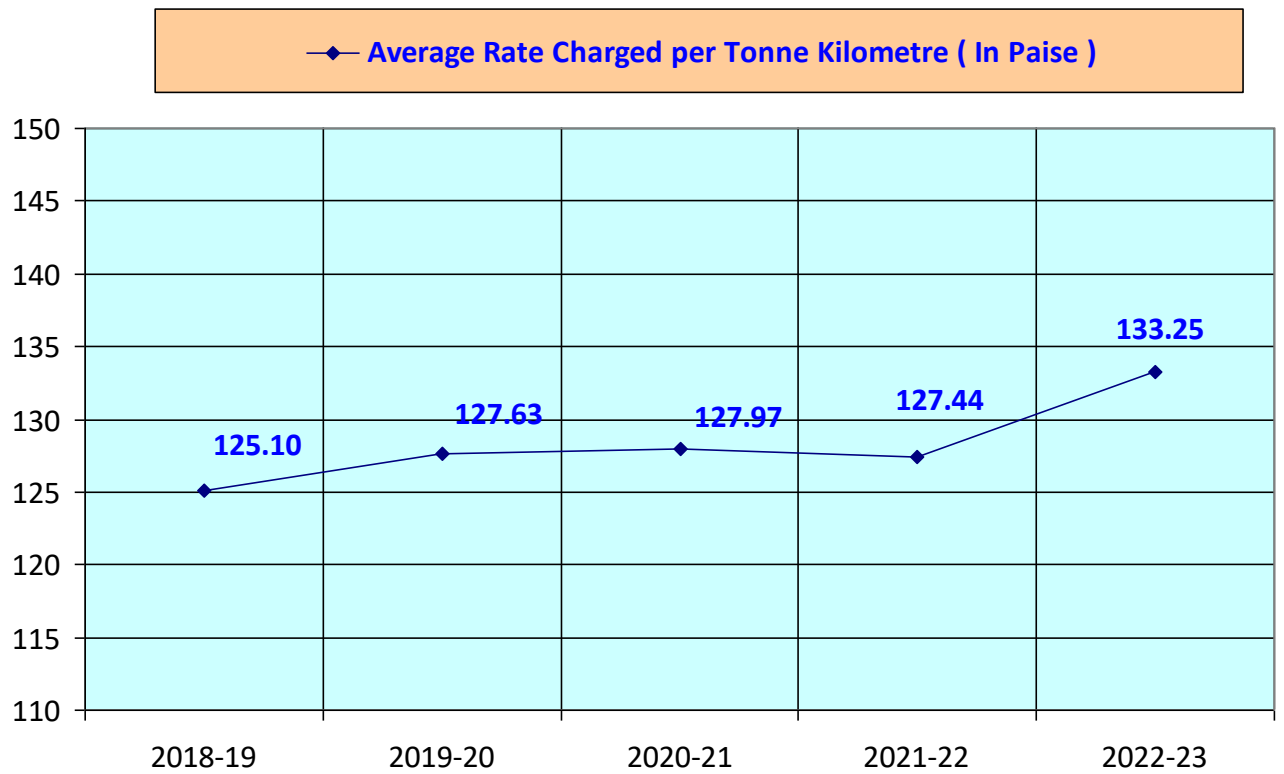
Description	2018-19	2019-20	2020-21	2021-22	2022-23
3. Net Tonnes Kilometres (in millions)					23093.00
(A) Revenue Broad Gauge	14808.62	14886.57	16988.29	20217.56	
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
Total System	14808.62	14886.57	16988.29	20217.56	23093.00
(B) Non-revenue Broad Gauge	-	-	-	-	-
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
Total System	-	-	-	-	-
(C) Total revenue and non-revenue(System)	14808.62	14886.57	16988.29	20217.56	23093.00
4. Earnings from Goods carried (Rs. in crores)					
Broad Gauge	1852.58	1899.99	2174.01	2576.53	3070.25
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
(C) Total System	1852.58	1899.99	2174.01	2576.53	3070.25



NORTHEAST FRONTIER RAILWAY

IV. COMMERCIAL STATISTICS

Description	2018-19	2019-20	2020-21	2021-22	2022-23
5. Average Rate Charged per Tonne Km (Paise) Broad Gauge	125.10	127.63	127.97	127.44	133.25
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
Total System	125.10	127.63	127.97	127.44	133.25
6. Average Lead (in Kilometres) (A) Revenue: Broad Gauge	408	414	443	451	485
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
Total System	408	414	443	451	485
(B) Non-revenue Broad Gauge	-	-	-	-	-
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
Total System	-	-	-	-	-
(C) Total Revenue and non-revenue system	408	414	443	451	485



NORTHEAST FRONTIER RAILWAY

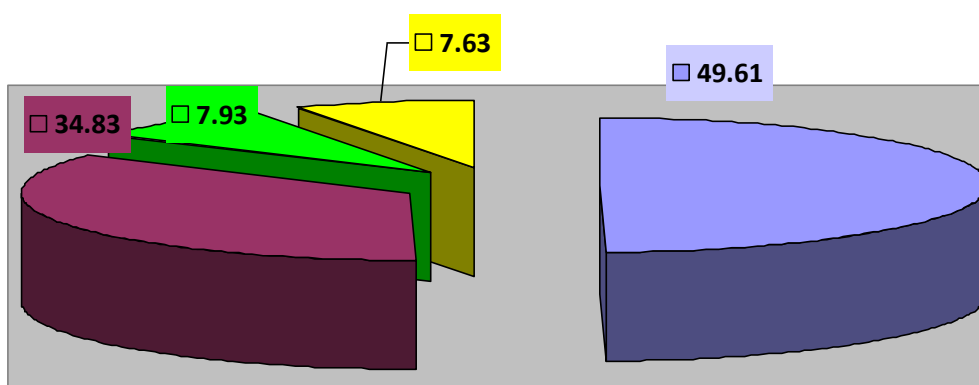
IV. COMMERCIAL STATISTICS

Description	Originating Earnings(In crores of Rs.)	Tonnes Originating (in millions)	Tonnes Carried (in millions)	Net Tonnes Kilometres(in millions)	Earnings from goods carried (In crores of Rs.)	Average Lead (in Kilometres)	Average Rate (in paise)
Coal for Steel Plants	-	-	-	-	-	-	-
Coal for Thermal Power House	-	2853	2853	1292659	2336854	453	181
Coal for Public use	226.35	1068	1585	1307160	2280180	582	114
Total coal	226.35	3921	4438	2599819	4617034	1035	295
Raw material for steel plants	198.72	-	1670	570670	1012496	341	177
Pig iron & Finished sheet from steels plant	-	847	857	512173	464370	598	91
Cement	18.39	7398	7535	2996471	4250198	398	142
Food Grains	71.24	7498	8242	4794972	5457018	582	114
Fertilizer	21.00	1995	2654	764794	1027754	372	134
Mineral oils	473.50	3103	5235	2571422	4623582	491	180
Other Goods	303.55	6837	7278	3280706	3954893	451	121
Total Revenue Traffic (coal)	1312.75	31599	37909	18091027	25407345	477	140
Non Revenue Coal	-	-	-	-	-	-	-
Diesel Oil for Railway	-	-	-	-	-	-	-
Railway stores and Material including	21.00	483	699	285148	455657	408	160
Total Non-Revenue Traffic	-	-	-	-	-	-	-
Total Revenue & Non-revenue	1333.75	32082	38608	18376175	25863002	475	140

NORTHEAST FRONTIER RAILWAY**IV. COMMERCIAL STATISTICS**

Description	Originating Gross Earnings (Rs. in crores)				
	Passenger	Other Coaching	Goods	Sundry	Total
8. Division wise Originating Earnings 2021-22					
Katihar	159.16	74.67	33.81	168.95	123659
Alipurduar	243.72	27.10	327.53	16.64	614.99
Rangiya	255.30	48.44	249.03	20.70	513.47
Lumding	668.23	157.21	309.01	28.82	1163.27
Tinsukia	257.40	25.57	243.92	23.97	550.86
HQ.	-	-	-	61.41	61.41
System	2083.81	332.99	1463.30	320.49	4200.59

Originating Earnings (Percent)



■ Passenger ■ Goods ■ Other Coaching ■ Sundry

NORTHEAST FRONTIER RAILWAY

V. OPERATING STATISTICS

Description	2018-19	2019-20	2020-21	2021-22	2022-23
A. Passenger :					
1. Average No. of trains run per day (in unit)					
Broad Gauge	154.2	96.95	24.22	65.28	63.44
Metre Gauge	-	-	-	-	-
Narrow Gauge	0.13	-	-	-	-
2. Percentage of train not losing time (in unit)					
Broad Gauge	75.36	82.74	92.73	92.39	87.93
Metre Gauge	-	-	-	-	-
Narrow Gauge	70.8	-	-	-	-
(b) Other Passenger trains					
Broad Gauge	-	-	-	-	-
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
3. Passenger train kms. excluding Deptt. (in millions)					
Broad Gauge	24.53	23.99	5.34	14.62	16.82
Metre Gauge	-	-	-	-	-
Narrow Gauge	0.05	0.09	0.06	0.5	0.5
4. Vehicle Kilometres (in millions)					
Broad Gauge	806.95	784.74	219.66	656.51	794.25
Metre Gauge	-	-	-	-	-
Narrow Gauge	0.49	0.59	0.02	0.02	0.04

NORTHEAST FRONTIER RAILWAY

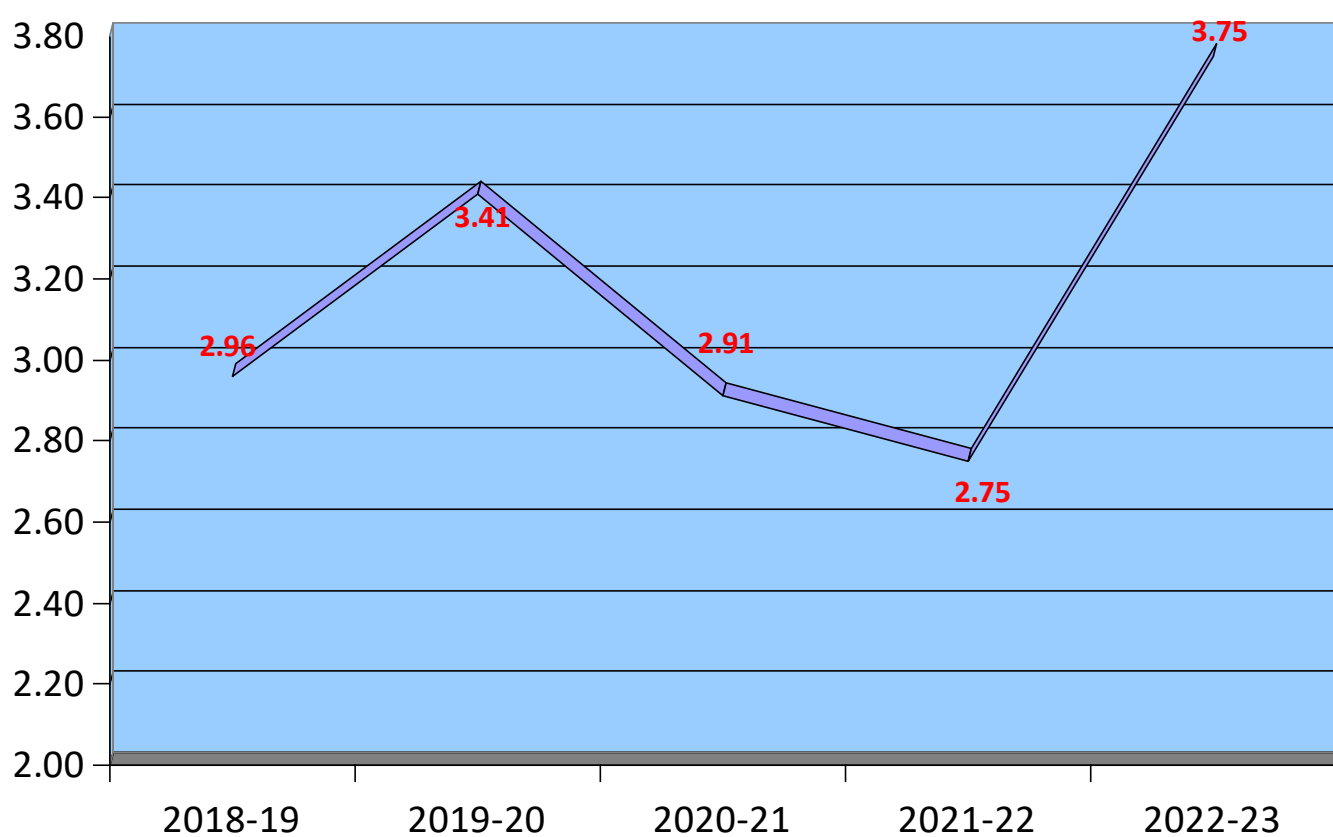
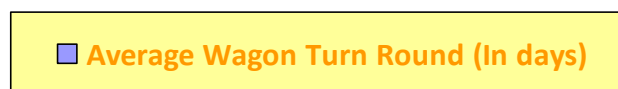
V. OPERATING STATISTICS

Description	2018-19	2019-20	2020-21	2021-22	2022-23
B. Goods :					
(i) Average No. of wagons on line daily (in unit)					
Broad Gauge	6684	6698	8235	9163	6741
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
(ii) Average No. of Goods train run per day (in unit)					
Broad Gauge	133	314	497	529	558
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
(iii) Average No. of Wagon Loaded daily (in unit)					
(a) Revenue earning traffic					
Broad Gauge	465	429	403	393	603
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
(b) Non-Revenue Traffic					
Broad Gauge	-	-	-	-	-
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
(c) Total including and Repeated					
Broad Gauge	465	429	403	529	486
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
4. Average daily loaded wagon receipts					
Broad Gauge	1176	1206	1324	1623	1508
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
5. Wagon Kms. per day					
Broad Gauge	106	90	88	112	214
Metre Gauge	-	-	-	-	-
Narrow Gauge	--	-	-	-	-

NORTHEAST FRONTIER RAILWAY

V. OPERATING STATISTICS

Description	2018-19	2019-20	2020-21	2021-22	2022-23
6. Net tonne Kilometres per wagon day (In unit) Broad Gauge:	6008	5014	7729	7594	6256
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
7. Average turn-round of a wagon Broad Gauge	2.96	3.41	2.91	2.75	3.75
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
8. Average lead of a loaded wagon Broad Gauge	-	-	-	-	-
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
9. Average starting wagon load (Tonnes) Broad Gauge	-	-	-	-	-
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
10. Average wagon load during the run (Tonnes)(in terms of 8 wheeler) Broad Gauge	59.0	60.0	57.0	61.0	60.00
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
11. Average train load (a) In terms of wagon (8 wheelers) Broad Gauge	59.36	59.50	57.42	61.10	57.68
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
(b) Net load (tonnes) Broad Gauge	1395	1403	1187	1318	2098
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-



NORTHEAST FRONTIER RAILWAY

V. OPERATING STATISTICS

(Figures in Unit)

Description	2018-19	2019-20	2020-21	2021-22	2022-23
(c) Gross Load (Excl. wt. of engines) (Tonnes) Broad Gauge	2394	2458	2177	2337	3441
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
12. Average speed of goods train Broad Gauge : Steam	-	-	-	-	-
Diesel	26.8	26.9	43.9	31.8	29.5
Total (All tractions)	26.8	26.9	43.9	31.8	29.5
Metre Gauge Steam	-	-	-	-	-
Diesel	-	-	-	-	-
Total (All tractions)	-	-	-	-	-
Narrow Gauge Steam	-	-	-	-	-

NORTHEAST FRONTIER RAILWAY

VI. MECHANICAL/ELECTRICAL OPERATING

(Figures in unit)

Description	2018-19	2019-20	2020-21	2021-22	2022-23
1. Engine Kms per day per Engine in use					
(i) Passenger service					
(a) Broad Gauge					
Steam	-	-	-	-	-
Diesel	385	384	85	293	384
(b) Metre Gauge					
Steam	-	-	-	-	-
Diesel	-	-	-	-	-
(c) Narrow Gauge					
Steam	47	59	41	36	59
(ii) Goods service					
(a) Broad Gauge					
Steam	-	-	-	-	-
Diesel	345	349	347	387	249
(b) Metre Gauge					
Steam	-	-	-	-	-
Diesel	-	-	-	-	-
(iii) All services					
(a) Broad Gauge					
Diesel	368	325	198	325	325
(b) Metre Gauge					
Diesel	-	-	-	-	-
(c) Narrow Gauge					
Steam	42	54	58	59	54
2. Engine Kilometres per day Per Engine on line					
(a) Broad Gauge					
Diesel	317	295	162	245	295

NORTHEAST FRONTIER RAILWAY

VI. MECHANICAL/ELECTRICAL OPERATING

(Figures in unit)

Description	2018-19	2019-20	2020-21	2021-22	2022-23
(b) Metre Gauge	-	-	-	-	-
Diesel	-	-	-	-	-
(c) Narrow Gauge					
Steam	-	-	-	-	-
Diesel	16	17	2	12	16
3. Net Tonne Kms. per goods locomotive day in use					
(a) Broad Gauge					
Diesel	29319	229782	336344	358562	522382
(b) Metre Gauge	-	-	-	-	-
Diesel	-	-	-	-	-
(c) Narrow Gauge	-	-	-	-	-
Steam					
4. Net tonne kilometer per goods locomotive day on line			-	-	-
(a) Broad Gauge		-			
Steam	-				
Diesel	309477	228124	190377	140583	229782
(b) Metre Gauge	-	-	-	-	-
Steam	-	-	-	-	-
Diesel	-	-	-	-	-
(c) Narrow Gauge	-	-	-	-	-
Steam					
5. Repair to rolling stock/in effective percentage			-	-	-
(i) Engine-	-	-			
(a) Broad Gauge					
Steam					
Diesel	9.86	11.08	11.08	11.92	10.98

NORTHEAST FRONTIER RAILWAY

VI. MECHANICAL/ELECTRICAL OPERATING

(Figures in unit)

Description	2018-19	2019-20	2020-21	2021-22	2022-23
(b) Metre Gauge Steam	-	-	-	-	-
Diesel	-	-	-	-	-
(c) Narrow Gauge Steam	-	-	-	-	-
Diesel	-	-	-	-	-
(ii) Passenger Carriages (a) Broad Gauge	5.50	2.69	2.59	1.82	0.74
(b) Metre Gauge	-	-	-	-	-
(c) Narrow Gauge	1.0	-	-	-	-
(iii) Other Coaching vehicle (a) Broad Gauge	-	-	7.3	18.9	12.6
(b) Metre Gauge	-	-	-	-	-
(c) Narrow Gauge	-	-	-	-	-
(iv) Wagons (a) Broad Gauge	6.35	5.18	10.50	4.78	3.80
(b) Metre Gauge	-	-	-	-	-
(c) Narrow Gauge	-	-	--	--	--

NORTHEAST FRONTIER RAILW

VI. MECHANICAL/ELECTRICAL OPERATING

(Figures in unit)

Description	Loco shed	Steam			Electric	Diesel		
6.Holding of Loco-sheds		2020-21	2021-22	2022-23		2020-21	2021-22	2022-23
Broad Gauge	Malda Town	-	-	-		54.17	29.40	16.6
	Siliguri	-	-	-		213.00	206.3	152.3
	New Jalpaiguri	-	-	-	-	-		
	New Guwahati	-	-	-	-	100.00	76.8	57.0
Total	-	-	-	-		367.17	312.50	225.9
Metre Gauge				-				
	Katihar	-	-	-	-	-	-	-
	Siliguri	-	-	-	-	-	-	-
	RPAN	-	-	-		-	-	-
	New Bongaigaon	-	-	-	-	-	-	-
	Lumding	-	-	-	-	-	-	-
	New Guwahati	-	-	-	-	-	-	-
	Badarpur	-	-	-	-	-	-	-
	Chaparmukh	-	-	-	-	-	-	-
	Tinsukia	-	-	-	-	-	-	-
	Mariani	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
Narrow Gauge						-	-	-
	Darjeeling	2	-			-	-	-
	Siliguri	3	6			6	6	6
	Tindharia	-	-			-	-	-
	Karseong	1	-			-	-	-

NORTHEAST FRONTIER RAILWAY

VII. SPECIFIC FUEL CONSUMPTION

(Figures in unit)

Description	2018-19	2019-20	2020-21	2021-22	2022-23
1. Consumption per 1000 G.T.Kms.					
(a) Passenger and prop. Of mixed					
(i) Steam(Kgs)				-	-
Broad Gauge	-	-	-		
Metre Gauge	-	-	-	-	-
Narrow Gauge	360	384	0.51	235	1417
(ii) Diesel(Lts)					
Broad Gauge	4.16	4.25	2.03	2.28	4.18
Metre Gauge	-	-	-	-	-
Narrow Gauge	102	108	12	7	81
(b) Goods and Prop. Of mixed					
(i) Steam (Kgs)					
Broad Gauge	-	-	-	-	-
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
(ii) Diesel (Lts)					
Broad Gauge	1.46	1.45	1.81	2.53	2.16
Metre Gauge	-	-	-	-	-
Narrow Gauge	-	-	-	-	-
2. Consumption per Engine Kilometre.					
Shunting including sidings					
Steam in Kg					
Narrow Gauge	6.91	2.82	-	-	-
(ii) Diesel (Lts)					
Broad Gauge	2.13	2.05	2.02	2.53	2.37
Metre Gauge	-	-	-	-	-

NORTHEAST FRONTIER RAILWAY

VIII. WORKSHOP REPAIR STATISTICS

(Figures in unit)

Description	2018-19	2019-20	2020-21	2021-22	2022-23
1. Locomotives Number of standard 1 st class repairs carried out Broad Gauge & Metre Gauge					
(i) Dibrugarh Town POH	-	-	-	-	-
IOH	-	-	-	-	-
Special	-	-	-	-	-
Total	-	-	-	-	-
(ii) New Bongaigaon POH	-	-	-	-	-
IOH	-	-	-	-	-
Special	-	-	-	-	-
Total	-	-	-	-	-
Narrow Gauge (Steam) Tindharia POH	1	2	2	2	2
IOH	-	-	-	-	-
Special	-	4	-	-	4
Total	1	6	2	2	6
2. Wagons Number repaired & Despatched (in 8 wheelers)					
(a) Broad Gauge	1457	1392	1195	2804	1723
(i) New Bongaigaon POH					
Other repairs	71	65	27	39	28
Total	1528	1387	1222	2843	1751
(b) Metre Gauge					
(i) Dibrugarh Town POH	-	-	-	-	-
Other repairs	-	-	-	-	-
Total	-	-	-	-	-
(ii) New Bongaigaon POH	-	-	-	-	-
Other repairs	-	-	-	-	-
Total	-	-	-	-	-
(c) Narrow Gauge					
(i) Tindharia POH	-	-	-	-	-
Other repairs	-	-	-	-	-
Total	-	-	-	-	-

NORTHEAST FRONTIER RAILWAY

VIII. WORKSHOP REPAIR STATISTICS

(Figures in unit)

Description	2018-19	2019-20	2020-21	2021-22	2022-23
3. Passenger carriage : Number repaired & Despatched (in 8 wheelers)					
(a) Broad Gauge					
(i) Dibrugarh - POH	707	710	696	2203	695
Other repairs	29	50	15	33	65
Total	736	760	711	2233	760
(i) New Bongaigaon - POH	785	823	-	-	-
Other repairs	39	68	-	-	-
Total	824	891	-	-	-
(b) Metre Gauge					
(i) Dibrugarh Town POH	-	-	37	-	-
Other repairs	-	-	-	-	-
Total			37		
(ii) New Bongaigaon -POH	-	-	2		
Other repairs	-	-	-	-	-
Total	-	-	2		
(c) Narrow Gauge					
Tindharia-POH	23	18	-	-	-
Other repairs	-	-	-	-	-
Total	23	18	-	-	-
4. Other coaching stock. Number Required & Despatched (in 8 wheelers)					
(a) Broad Gauge					
(i) Dibrugarh - POH	46	44	37	81	108
Other repairs	-	-	-	-	-
Total	46	44	37	81	108
ii) New Bongaigaon - POH	38	40	-	-	-
Other repairs	-	-	-	-	-
Total	38	40	-	-	-
			-	-	-
			-	-	-
			-	-	-

NORTHEAST FRONTIER RAILWAY

IX. RESULTS OF WORKING

Gauge	Description	2018-19	2019-20	2020-21	2021-22	2022-23
Broad gauge	Coaching Traffic Earnings per train km	980.50	1002.90	2943.42	4378.54	1709.99
	Cost of hauling a train One Km Excl. Int.	2303.74	1942.68	7875.94	9855.44	4212.25
	Cost of hauling a train One Km Incl. Int.	2303.74	1942.68	7875.94	9855.49	4212.25
	Profit on working a train One Km Excl. Int.	(-) 1323.24	(-) 939.78	(-)4932.52	-	-
	Profit on working a train One Km Incl. Int.	(-) 1323.24	(-) 939.78	(-)4932.52	-	-
	Earnings Per vehicle per Km	29.56	30.66	71.54	106.43	36.23
	Cost of hauling a vehicle One Km Excl. Int.	69.45	59.39	191.44	239.55	89.23
	Cost of hauling a vehicle One Km Incl. Int.	69.45	59.39	191.44	239.55	89.23
	Profit on working a Vehicle One km Excl. Int.	(-) 39.89	(-) 28.73	(-)119.90	-	-
	Profit on working a Vehicle One Km Incl. Int.	(-) 39.89	(-) 28.73	(-)119.90	-	-
	Goods Traffic Earnings per train km	2836.01	2638.10	2240.54	2575.00	2790.78
	Cost of hauling a train One Km Excl. Int.	3443.11	3295.33	3283.32	3280.56	5109.71
	Cost of hauling a train One Km Incl. Int.	3443.11	3295.33	3283.32	3280.56	5109.71
	Profit on working a train One Km Excl. Int.	(-) 607.10	(-) 657.23	(-)1042.78	-	-
	Profit on working a train One Km Incl. Int.	(-) 607.10	(-) 657.23	(-)1042.78	-	-
	Earnings per wagon per km	69.84	61.91	56.48	64.92	79.85
	Cost of hauling a wagon One Km Excl. Int.	84.80	77.33	82.77	82.70	145.71
	Cost of hauling a wagon One Km Incl. Int.	84.80	77.33	82.77	82.70	145.71

* (As per board's instruction figures are shown in Rs.)

NORTHEAST FRONTIER RAILWAY

IX. RESULTS OF WORKING

Gauge	Description	2018-19	2019-20	2020-21	2021-22	2022-23
Broad Gauge	Goods Traffic Earnings per train km	2836.01	2638.10	2240.54	-	-
	Cost of hauling a train One Km Excl. Int.	3443.11	3295.33	3283.32	-	-
	Cost of hauling a train One Km Incl. Int.	3443.11	3295.33	3283.32	-	-
	Profit on working a train One Km Excl. Int.	(-) 607.10	(-) 657.23	(-)1042.78	-	-
	Profit on working a train One Km Incl. Int.	(-) 607.10	(-) 657.23	(-)1042.78	-	-
	Earnings per wagon per km	69.84	61.91	56.48	-	-
	Cost of hauling a wagon One Km Excl. Int.	84.80	77.33	82.77	-	-
	Cost of hauling a wagon One Km Incl. Int.	84.80	77.33	82.77	-	-
	Profit on working a wagon One Km Excl. Int.	(-) 14.96	(-) 15.42	(-)26.29	-	-
	Profit on working a wagon One Km Incl. Int.	(-) 14.96	(-) 15.42	(-)26.29	-	-
	Goods Traffic Earnings per tonne km	2.03	2.11	2.41	2.77	2.20
	Cost of hauling one tone One Km Excl. Int.	2.47	2.63	3.54	3.53	4.02
	Cost of hauling one tone One Km Incl. Int.	2.47	2.63	2.41	2.77	2.20
	Profit on working one tone One Km Excl. Int.	(-) 0.44	(-) 0.52	(-)1.13	-	-
	Profit on working one tone One Km Incl. Int.	(-) 0.44	(-) 0.52	(-)1.13	-	-

*(As per board's instruction figures are shown in Rs.)

NORTHEAST FRONTIER RAILWAY

IX. RESULTS OF WORKING

Gauge	Description	2018-19	2019-20	2020-21	2021-22	2022-23
Metre Gauge	Coaching Traffic Earnings per train Km.	-	-	-	-	-
	Cost of hauling a train One Km Excl. Int.	-	-	-	-	-
	Cost of hauling a train One Km Incl. Int.	-	-	-	-	-
	Profit on working a train One Km Excl. Int.	-	-	-	-	-
	Profit on working a train One Km Incl. Int.	-	-	-	-	-
	Earnings Per vehicle per Km	-	-	-	-	-
	Cost of hauling a vehicle One Km Excl. Int.	-	-	-	-	-
	Cost of hauling a vehicle One Km Incl. Int.	-	-	-	-	-
	Profit on working a vehicle One km Excl. Int.	-	-	-	-	-
	Profit on working a vehicle One Km Incl. Int.	-	-	-	-	-
	Goods Traffic Earnings per train Km.	-	-	-	-	-
	Cost of hauling a train One Km Excl. Int.	-	-	-	-	-
	Cost of hauling a train One Km Incl. Int.	-	-	-	-	-
	Profit on working a train One Km Excl. Int.	-	-	-	-	-
	Profit on working a train One Km Incl. Int.	-	-	-	-	-
	Earnings per wagon per km	-	-	-	-	-
	Cost of hauling a wagon One Km Excl. Int.	-	-	-	-	-
	Cost of hauling a wagon One Km Incl. Int.	-	-	-	-	-

*(As per board's instruction figures are shown in Rs.)

NORTHEAST FRONTIER RAILWAY

IX. RESULTS OF WORKING

Gauge	Description	2018-19	2019-20	2020-21	2021-22	2022-23
Metre Gauge	Goods Traffic Profit on working a wagon One km Excl. Int.	-	-	-	-	-
	Profit on working a wagon One km Incl. Int.	-	-	-	-	-
	Earnings per tonne km	-	-	-	-	-
	Cost of hauling one tone One Km Excl. Int.	-	-	-	-	-
	Cost of hauling one tone One Km Incl. Int.	-	-	-	-	-
	Profit on hauling one tone One Km Excl. Int.	-	-	-	-	-
	Profit on working a tone One Km Incl. Int.	-	-	-	-	-

*(As per board's instruction figures are shown in Rs.)

NORTHEAST FRONTIER RAILWAY

IX. RESULTS OF WORKING

Gauge	Description	2018-19	2019-20	2020-21	2021-22	2022-23
Narrow Gauge	Coaching Traffic Earnings per train Km.	80.27	80.27	80.27	136.70	321.82
	Cost of hauling a train One Km. Excl. Int.	911.74	911.74	920.28	502.97	434.31
	Cost of hauling a train One Km. Incl. Int.	920.28	911.74	920.28	502.97	434.31
	Profit on working a train One km Excl. Int.	(-) 831.47	(-) 831.10	(-)840.01	-	-
	Profit on working a train One km Incl. Int.	(-) 840.01	(-) 831.10	(-)840.01	-	-
	Earnings per vehicle per km	9.08	9.08	9.08	56.55	133.65
	Cost of hauling a vehicle One Km. Excl. Int.	103.18	103.18	104.14	208.88	180.37
	Cost of hauling a vehicle One Km. Incl. Int.	104.14	103.18	104.14	208.88	180.37
	Profit on working a Vehicle One km Excl. Int.	(-) 94.10	(-) 94.10	(-)95.06	-	-
	Profit on working a Vehicle One km Incl. Int.	(-) 95.06	(-) 94.10	(-)95.06	-	-

*(As per board's instruction figures are shown in Rs.)

NORTHEAST FRONTIER RAILWAY

X. STORES PURCHASES & INVENTORY

Description	2018-19	2019-20	2020-21	2021-22	2022-23
A. Stores purchases : (In crores of Rs.)					
1. Indigenous	1588.27	1018.19	968.69	1205.13	1727.14
2. Imported	-	-	-	-	-
Total	1588.27	1018.19	968.69	1205.13	1727.14
B. Inventory Carried at the end of the year					
1. Inventory excluding Fuel & Sleeper	52.96	70.91	111.06	66.88	(-)1.19
2. Percentage turn over	19.25	15.56	65.76	50.02	1.22

NORTHEAST FRONTIER RAILWAY

XI. FINANCIAL POSITION – (i) GROSS EARNINGS

(Figures in Crores)

Sn	RAILWAY	2018-19	2019-20	2020-21	2021-22	2022-23
1	CENTRAL RLY	15387.84	14302.42	9222.98	14325.92	18250.65
2	EASTERN RLY	7404.29	7018.18	5484.72	7736.69	9773.25
3	EAST CENTRAL RLY	12858.76	11749.85	10745.45	14260.12	17334.55
4	EAST COAST RLY	17671.17	17722.65	17472.11	19967.08	22645.52
5	NORTHERN RLY	16418.29	12954.86	10204.86	16036.44	22387.79
6	NORTH CENTRAL RLY	15685.21	13207.97	9916.17	14549.56	18984.88
7	NORTH EASTERN RLY	3450.89	3350.49	2340.80	3223.06	4258.81
8	NORTH EAST FRONTIER RLY	5422.84	5362.53	4775.23	6029.40	7674.28
9	NORTH WESTERN RLY	7868.52	6818.79	5904.86	7567.37	10372.95
10	SOUTHERN RLY	8464.12	8189.02	4026.43	7093.59	9951.46
11	SOUTH CENTRAL RLY	18043.71	15817.54	10814.28	16901.78	21657.92
12	SOUTH EASTERN RLY	15148.56	15972.03	14561.36	16303.26	183002.55
13	SOUTH EAST CENTRAL RLY	14127.44	13792.04	13821.35	16739.22	18883.97
14	SOUTH WESTERN RLY	4945.98	4871.29	3669.67	5455.23	6781.14
15	WESTERN RLY	14010.47	11552.40	7884.07	12018.62	16301.95
16	WEST CENTRAL RLY	12820.82	11700.03	9592.04	12924.31	16114.73
17	METRO RLY	234.87	253.31	66.17	146.64	308.15
	Total	189963.79	174635.40	140503.50	191278.30	239982.5

NORTHEAST FRONTIER RAILWAY

XI. FINANCIAL POSITION – (ii) WORKING EXPENSES (Excluding Suspense and payment to Worked Lines)

(Figures in Crores)

Sn	RAILWAY	2018-19	2019-20	2020-21	2021-22	2022-23
1	CENTRAL RLY	16225.46	14970.56	11643.60	17437.37	20074.40
2	EASTERN RLY	13768.14	11918.41	9423.03	14922.61	16354.26
3	EAST CENTRAL RLY	12660.57	12049.73	9518.18	14778.59	17147.83
4	EAST COAST RLY	9257.36	9125.05	8272.12	10897.26	12195.30
5	NORTHERN RLY	25679.2	20240.72	15624.23	23432.62	26488.27
6	NORTH CENTRAL RLY	10727.84	9823.8	7856.04	11804.91	13936.07
7	NORTH EASTERN RLY	7058.67	6304.46	4771.75	7505.09	8764.14
8	NORTH EAST FRONTIER RLY	8707.77	8133.31	6637.39	9936.40	11383.96
9	NORTH WESTERN RLY	8321.13	7681.9	6332.15	9776.73	11431.49
10	SOUTHERN RLY	12916.77	11994.88	8803.63	13427.77	15239.58
11	SOUTH CENTRAL RLY	14350.6	13847.72	10946.95	16605.44	19088.81
12	SOUTH EASTERN RLY	11069.91	10360.13	8345.63	12258.40	13475.13
13	SOUTH EAST CENTRAL RLY	7944.7	7400.51	6367.15	9277.87	10843.17
14	SOUTH WESTERN RLY	6558.65	6058.53	5052.26	7578.64	8965.87
15	WESTERN RLY	14306.67	13273.11	10117.06	15830.58	18696.32
16	WEST CENTRAL RLY	8696.27	8261.4	6526.02	9308.51	10756.08
17	METRO RLY	434.31	472.17	443.54	633.77	732.12
	Total	188684.03	171916.43	136680.08	205412.57	235572.83

NORTHEAST FRONTIER RAILWAY

XI. FINANCIAL POSITION – (iii) OPERATING RATIO (Including App. To DRF, Pension Fund but Excluding Suspense)

(Figures in Crores)

Sn	RAILWAY	2018-19	2019-20	2020-21	2021-22	2022-23
1	CENTRAL RLY	105.44	104.67	126	121.72	109.99
2	EASTERN RLY	185.95	169.82	175	192.88	167.34
3	EAST CENTRAL RLY	98.46	102.55	89	103.64	98.92
4	EAST COAST RLY	52.39	51.49	47	54.58	53.85
5	NORTHERN RLY	156.41	156.24	153	146.12	118.32
6	NORTH CENTRAL RLY	68.39	74.38	79	81.14	73.41
7	NORTH EASTERN RLY	204.55	188.17	203	232.86	205.79
8	NORTH EAST FRONTIER RLY	160.58	151.67	139	164.80	148.34
9	NORTH WESTERN RLY	105.75	112.66	107	129.20	110.20
10	SOUTHERN RLY	152.61	146.48	219	189.29	153.14
11	SOUTH CENTRAL RLY	79.53	87.55	101	98.25	88.14
12	SOUTH EASTERN RLY	73.08	64.86	57	75.19	73.63
13	SOUTH EAST CENTRAL RLY	56.24	53.66	46	55.43	57.42
14	SOUTH WESTERN RLY	132.61	124.37	138	138.92	132.22
15	WESTERN RLY	102.11	114.89	128	131.72	114.69
16	WEST CENTRAL RLY	67.83	70.61	68	72.02	66.75
17	METRO RLY	184.91	186.4	670	432.18	237.58
	Total	99.33	98.44	97	107.39	98.16

Published by :-
Statistics & Analysis Office
N. F. Railway, Maligaon,
Guwahati: – 781011
Ph :- 22192, 22196 (Rly)