

# NORTHERN RAILWAY IMPORTANT STATISTICS AS ON 31-03-2018

DIVISION WISE COACHING DEPOT		
DIVISION	No. of STN	LOCATION
AMBALA	7	Ambala, Saharanpur, Chandigarh, Kalka, Shimla, Nangal Dam, Bathinda
DELHI	9	Jind, Rohtak, Delhi, Meerut City, Panipat, New Delhi, Delhi Sarai Rohilla, Hazrat Nizamuddin, Anand Vihar Terminal
FIROZPUR	13	Jammu Tawi, Pathankot, Bajinath Paprola, Ludhiana, Jalandhar City, Amritsar, Firozpur Cantt., Moga, Fazilka, Hoshiarpur, Udhampur, Joginder Nagar, Shri Mata Vaishno Devi Katra
LUCKNOW	8	Lucknow, Faizabad, Sultanpur, Jaunpur, Varanasi, Prayag, Partapgarh, Raebareilly
MORADABAD	9	Moradabad, Bareilly, Shahjahanpur, Balamau, Hapur, Najibabad, Haridwar, Dehradun, Laksar
TOTAL	46	

DIVISION WISE RUNNING ROOM		
DIVISION	No. of STN	LOCATION
AMBALA	8	Ambala, Saharanpur, Dhuri, Bathinda, Nangal Dam, Shimla, Chandigarh, Ropar Thermal Plant
DELHI	15	Ghaziabad, Panipat, Palwal, Rohtak, Jind, Jakhhal, Shamli, Meerut City, Anand Vihar Terminal, Hazrat Nizamuddin, Tughlakabad, Shakurbasti, Delhi, Delhi Sarai Rohilla, New Delhi
FIROZPUR	15	Ludhiana, Jalandhar City, Amritsar, Jammu Tawi, Pathankot, Bajinath Paprola, Udhampur, Budgam, Firozpur Cantt., Fazilka, Jajjon Doaba, Shri Mata Vaishno Devi Katra, Lohtian Khas, Kotkapura, Banihal
LUCKNOW	12	Lucknow, Alam Nagar, Varanasi, Sultanpur, Partapgarh, Faizabad, Jaunpur, Shahganj, Tanda, Phulpur, Unchahar, Prayag
MORADABAD	10	Moradabad, Bareilly, Rosa, Dehradun, Haridwar, Laksar, Najibabad, Chandausi, Balamau, Hapur
TOTAL	60	

DIVISION WISE SUMMARY OF STATIONS HAVING PI/RR/IE			
DIVISION	NOS. OF STATIONS WITH PI/RR/IE		
	> 100 ROUTES	< 100 ROUTES	TOTAL
AMBALA	7	56	63
DELHI	22	112	134
FIROZPUR	8	91	99
LUCKNOW	10	123	133
MORADABAD	8	93	101
TOTAL	55	475	530

DETAILS OF BRIDGES				
DIVISION	IMPORTANT	MAJOR	MINOR	TOTAL
AMBALA	9	311	2634	2954
DELHI	6	271	3454	3731
FIROZPUR	31	533	5301	5865
LUCKNOW	8	136	4318	4462
MORADABAD	17	268	2514	2799
TOTAL	71	1519	18221	19811

TEN LONGEST BRIDGES				
S. No.	DESCRIPTION	YEAR OF CONST.	SPAN	LENGTH
1	Br. No.88 - JAT-UHP(SL) Tawi River (FZR DIVN)	2003	2x71.40+1x102.00+40x29.68	1432.00
2	Br. No.11 - MGS-LKO(UP & DN) Malviya Bridge (LKO DIVN)	1943 & 1898	7x99.99+9x30.48	974.25
3	Br. No.163 - FD-ALD(SL) Moti Lal Nehru Bridge (LKO DIVN)	1996	30x30.5	915.00
4	Br. No.1248 - LKO-SRE(UP & DN) Ganga Bridge Balawali (MB DIVN)	1994 & 1998	22x40.24	885.28
5	Br. No.17 - PTK-KTHU-JAT(SL) Ravi River (FZR DIVN)	1955	2x18.2+17x45.9	816.70
6	Br. No.101 - BE-ALN(SL) Ganga Bridge (MB DIVN)	1872	33x24.39	804.87
7	Br. No.110 - LKO-CNB(UP & DN) Ganga Bridge (LKO DIVN)	1875 & 1926	25x30.5+1x12.19	774.69
8	Br. No.249 - GZB-DLI(UP & DN) Old Yamuna Bridge (DLI DIVN)	1867 & 1913	12x61.0	732.00
9	Br. No.52 - MB-GZB(UP & DN) Ganga Bridge (MB DIVN)	2006 & 2008	11x61.0	671.00
10	Br. No.5-A - LDH-ASR(UP & DN) Satuj River (FZR DIVN)	1870 & 1910	11x60.98	670.78

STATEMENT SHOWING CATEGORY WISE NUMBER OF STATIONS							
CATEGORY	DLI	FZR	LKO	MB	UMB	GRAND TOTAL	
NSG 1	A-1	3	0	0	0	3	
TOTAL		3	0	0	0	3	
NSG 2	A-1	1	4	2	1	10	
A		3	0	0	0	3	
TOTAL		4	4	2	1	13	
NSG 3	A-1	0	1	0	2	3	
A		8	5	7	4	27	
B		1	0	0	0	1	
TOTAL		9	6	7	6	31	
NSG 4	A	2	2	5	3	15	
B		6	0	3	2	12	
D		9	0	0	0	9	
TOTAL		17	2	8	5	36	
NSG 5	A	2	0	0	0	3	
B		3	3	2	3	12	
D		23	18	20	21	100	
E		2	1	1	0	6	
TOTAL		30	22	23	24	121	
NSG 6	D	8	4	7	7	29	
E		84	154	111	107	533	
TOTAL		92	158	118	114	562	
HG 2	E	0	1	0	0	1	2
F		3	3	3	0	1	10
TOTAL		3	4	3	0	2	12
HG 3	E	6	0	0	1	4	11
F		68	66	32	50	19	235
TOTAL		74	66	32	51	23	246
TOTAL		232	262	193	201	136	1024
A-1 CATEGORY STATIONS	NSG 1 :- NEW DELHI, DELHI, H. NIZAMUDDIN NSG 2 :- ANAND VIHAR TERMINAL, AMRITSAR, JAMMU TAWI, JALANDHAR CITY, LUDHIANA, LUCKNOW, VARANASI, HARIDWAR, AMBALA CANTT., CHANDIGARH NSG 3 :- SHRI MATA VAISHNO DEVI KATRA, BAREILLY, DEHRADUN						

ACTION PLAN FOR REDEVELOPMENT OF STATIONS		
	DIVISION	Name of Stations
Through Indian Railway Station Development Corporation (IRSDC)	AMBALA	Chandigarh
	DELHI	Anand Vihar Terminal, Bijwasan
	FIROZPUR	Amritsar
Through JV between RLDA & NBCC	DELHI	Delhi Sarai Rohilla
	LUCKNOW	Lucknow (Charbagh)
Through JV between IRCON & RLDA	DELHI	Delhi Safdarjung
	LUCKNOW	Kashi (Inter Model Station)
In Association with MORTH	LUCKNOW	Kashi (Inter Model Station)
Through open bid from interested parties (Modified Swiss Challenge Method)	FIROZPUR	Jammu Tawi
TOTAL		9

TRAFFIC BOTTLENECK ON NORTHERN RAILWAY						
ITEM	DLI	FZR	LKO	MB	UMB	
Congested Section having more than 100% Utilisation	DLI-A Panel, SBB-GZB, KAT-TPZ, ANDI-PNP, KKDE-UMB, DLI-SZM, NDLS-DKZ, DLI-SZM, DKZ-DBSI, NDLS-SZM, LKNR-SSB, NZM-TKD, TKJ-SBB, TKD-PWL	LDH-JRC	MGS-BSB, BSB-JNH, PBH-UTR, LBH-LKO, ZBD-FD-BBK-LBH, MR-CBC, LKO-AMG, JNH-PPM-PRG	LKO-MB, NBD-MZM, RAC-SPC, LRJ-HW, HW-RWL, HPU-GZB	KJCY-DOA, DHPR-CDG, RPJ-PTA, DLI-BTI	
Interchange Points served by Single Line	TPZ, KZW, BTC, MTC, GKLK	SNL, BTI, LDH, ABS, ATT	BHB, BSB, PRG, ON, JHU, SHG, AY, MKG	ON, SPC, HGI	BTI, JHL, KJCY, LDH, SNL (From NMDA), HSR, SGNR	
Banking Section	Nil	JAT-SVDK	Nil	Nil	CDG-KLK	
Non Electrified Goods Shed in Electrified Territories	Nil	Nil	SYW	Nil	Nil	
Half Rake length in Goods Shed	GZB, TKD, DKZ, AST, BVH, FBD, DBD, MOZ, PRTP, MXX, MTC, GUH, DEC, KZW, MSZ, ROK, BGI, GHE, KIN, SNP, BHD, KLE	DZA, PGH, KRE, BEAS, BTR, TRA, JNL, DHW, GSP, PTKC, JAT, BBNM	VYN, KEI, BSB, AY, TD, FD	RMU, BE, MB, CH, HRH, RKSH, AMRO, HPU, BJO, BLM, BEI, TLH, DPR, DNRA, RWL, VRH, JKHE	MRND, KLRI, BSPN	
Indirect Reception at Goods Shed	Only PRTP is a direct reception at Goods Shed	DDL, LDH, PGW, JUC, KRE, HMR, BEAS, BTR, TRA, JNL, DHW, GSP, PTKC, JAT, BBNM, MOPB, DZA	VYN, KEI, BSB, AY, TD, SHG, AMS, MLJ, PBH	BLH, HRI, RAC, TSG, BEI, TLH, CHTI, BE, RMU, MB, CH, DNRA, RK, HRV, BJO, JKSC, BRH, AMRO, GILHPU	All sidings are indirect Reception at Goods Shed	
Reversal Points	15 Nos.	20 Nos.	27 Nos.	16 Nos.	12 Nos.	

HDN (HIGH DENSITY) ROUTE	
SECTION	KM
New Delhi-Ghaziabad-Chippiana Buzurg UP & DN Line	29.33
New Delhi-Tughlakabad-Palwal UP & DN Line	57.68
DETAILS OF (25 T) FEEDER ROUTES TO DFC	
SECTION	KM
RJP-DUI-BTI = 148.22 SIR-PPAR-NLDM = 103.95 LDH-HSR = 205.44	457.61
LDH-BEAS-GWSB = 121.60	121.60
MCS-UCR via JNH, PFM = 219.15 ZBD-ABP-TD = 100.84 BSB-SLN-UTR-AMG = 295.79	615.78
AMG-RAC = 151.09	151.09
TOTAL	1346.08

PROPOSED ROUTE FOR UP-GRADATION TO CC+8+2 T	
SECTIONS	ROUTE KM
Khurja - Meerut - Saharanpur, Delhi Shahdara - Shamli - Saharanpur, Janghal - Jafarabad - Jaunpur, Allahabad - Pratapgarh - Faizabad, Unchahar - Unnao - Balamau - Sitapur City, Jind - Panipat, Rohtak - Panipat, Kurukshetra - Narwana, Jammu - Udhampur, Beas - Goidwal Sahib	1137.48

DIVISION WISE DETAILS OF LEVEL CROSSING (EXCEPT 'D' CLASS)			
DIVISION	MANNED	UNMANNED	TOTAL
AMBALA	425	28	453
DELHI	474	81	555
FIROZPUR	695	211	906
LUCKNOW	626	121	747
MORADABAD	580	171	751
TOTAL	2800	612	3412

ROUTE WISE LEVEL CROSSING (EXCEPT 'D' CLASS)			
ROUTE	MANNED	UNMANNED	TOTAL
A	14	-	14
B	832	4	836
C	7	-	7
D Spl	365	51	416
D	296	20	316
E	1231	532	1763
MAIN LINE (NG)	52	4	56
SIDING	3	1	4
TOTAL	2800	612	3412

STATE WISE LEVEL CROSSING (EXCEPT 'D' CLASS)			
STATE	MANNED	UNMANNED	TOTAL
CHANDIGARH	4	-	4
DELHI	28	1	29
HARYANA	357	47	404
HIMACHAL PRADESH	50	4	54
JAMMU & KASHMIR	34	1	35
PUNJAB	969	229	1198
RAJASTHAN	8	11	19
UTTAR PRADESH	1291	8	1607
UTTARAKHAND	59	3	62
TOTAL	2800	612	3412

SECTIONS HAVING VERY HIGH DENSITY OF U/M LC (AV. SPACING ON N. RLY. IS 6.63 KM & 1R IS 5.69 KM)				
SECTION	NOS. OF U/M LC	LENGTH OF SEC.	Av. SPACING (KM)	
Bathinda(BTI)-Kattar Singh Wala(KZW)	1	5.10	5.10	
Delhi Shahdara(DSA)-Shamli (SMQL)-Tapri(TPZ)	27	150.20	5.56	
Batala(BAT)-Qadian(QDN)	19	17.20	0.91	
Beas(BES)-Govindwal Sahib(GWSB)	20	26.30	1.32	
Akbarpur(ABP)-Tanda(TD)	8	11.90	1.49	
Balamau(BLM)-Unnao(ON)	44	92.50	2.10	

TENTATIVE PLANNING FOR ELIMINATION OF UNMANNED LEVEL CROSSING (B.G. ROUTE)					
Division/const.	By Manning	By Diverting to Adjacent LC's	By Closure Due to Low TVU	By LHS	Total
Ambala	-	2	1	24	27
Delhi	29	3	-	48	80
Firozpur	48	22	-	137	207
Lucknow	10	14	-	97	121
Moradabad	7	16	-	146	169
Total	94	57	1	452	604

Note:- 02 Nos. LC Not Planned due to Raja Ji National Park in MB DIVN.

ROUTES CLEARED FOR RUNNING OF CC + 8 + 2T TRAINS (INCLUDING FEEDER ROUTE TO DFC)	
SECTIONS	ROUTE KM
Delhi-Shakurbasti-Bathinda, Panipat-Kurkura, Palwal-Delhi Area, Ghaziabad-Delhi Area via DAL/GAL, Delhi Area via DAL, Delhi Area via DAL, Ghaziabad-Meerut City, Delhi-Shakurbasti-Revani, Ghaziabad-Moradabad, Delhi-Panipat-Ambala cantt., Jalandhar City-Amritsar, Ludhiana-Firozpur Cantt., Lucknow-PBH-BSB-Mughalsarai including LKO Bye Pass Line, Varanasi-Zafarabad-Lucknow, Zafarabad-Akbarpur, Janghal-Phaphamau-Unchahar including bye pass line, Kanpur-Lucknow, Lucknow-Barabanki-Ayodhya-Akbarpur-Tanda, Raebareilly-Daryapur, Varanasi-Mandaudih, Bara Banki-Jahangirabad, Lucknow-Bareilly-Moradabad, Rampur-Katgodam, Harduaganj-Chandausi-Moradabad, Rosa-Sitapur Cantt., Chandausi-Bareilly including Chanethi Link, Laksar-Harrawal, Moradabad-Kashipur, Moradabad-Saharanpur-Ambala Cantt.-Sirhind, Rajpura-Bathinda including bye pass line BTIC, Ambala-Chandigarh, Jakhhal-Hisar, ChururuTakarla-Sirhind-Ludhiana- JUC-JAT, Jakhhal-Dhuri-Ludhiana.	4157.72

ROUTES NOT CLEARED FOR RUNNING OF CC + 6 + 2T TRAINS		
DIVISION	SECTIONS	ROUTE KM
AMBALA	Nil	
DELHI	Nil	
FIROZPUR	Amritsar- Khenkaran, Firozpur City -Fazilka, Jalandhar City-Nakodar, Verka-Dera Baba Nanak	437.86
LUCKNOW	Faizabad-Chibila & Partapgarh-Prayag-Allahabad, Zafarabad-Janghal	
MORADABAD	Nil	

DETAILS OF STEEPEST GRADIENT, SHARPEST CURVATURE & LONGEST TUNNEL (B.G. ROUTE)				
DIVISION	DESCRIPTION	IN BETWEEN STATION	SECTION	TOTAL/MAX. LENGTH
AMBALA	Steepest Gradient	CDG-KLK	UMB-KLK	1 in 40/7.586Km
	Sharpest Curvature	NLDM-NGLL	SIR-AADR	5 Degree/350m
	Longest Tunnel	NIL	NIL	NIL
DELHI	Steepest Gradient	DLI-SZM	DLI-PNP	1 in 335/1000m
	Sharpest Curvature	DSJ-BRSQ	LPNR-PTNR DAL	8Degree/980m
	Longest Tunnel	NIL	NIL	NIL
FIROZPUR	Steepest Gradient	UHP-CRWL	JAT-SVDK	1 in 93/110m
	Sharpest Curvature	MNVL-RMKJ	JAT-SVDK	5 Degree/727m
	Longest Tunnel	QG-BAHL	BAHL-BRML	11.215Km
LUCKNOW	Steepest Gradient	PRG-PYG	PRG-PYG	1 in 150/510m
	Sharpest Curvature	ZBD-JOP	ZBD-SLN(UP Line)	8Degree/160m
	Longest Tunnel	NIL	NIL	NIL
MORADABAD	Steepest Gradient	HW-DDN	LRJ-DDN	1 in 75/1.510Km
	Sharpest Curvature	DWO-HRW	LRJ-DDN	4.5Degree/118m
	Longest Tunnel	HW-MOTC	LRJ-DDN	278.60m

DIVISION WISE Nos. OF LOCATION & TOTAL LENGTH OF CURVES WHICH ARE EQUAL OR SHARPER THAN 4 DEGREE (B.G. ROUTE)					
DIVISION	SECTION	ROUTE	Nos OF LOCATION	TOTAL LENGTH OF CURVE (Metre)	
AMBALA (9.836 KM)	DUI-JHL	E	1	730	
	UMB-KLK	B	3	1090	
	RJP-DLI	E	2	708	
	CDG-MRND	E	1	520	
	SRE-UMB(UP & DN Line)	B	2	160	
	MRND-AAD	E	8	2671	
	TPZ-SRE	E	1	140	
	TPZ-KJCY	E	2	642	
	KJCY Bypass	E	1	320	
	HNC-KJCY UP & DN Line	E	4	2255	
	DELHI (18.693 KM)	HNZM-DLI	A, D	14	3770
		DLI-PNP	B	4	870
		DLI-ROK	D	4	980
DLI-DEE		E	6	820	
GHI-FN		E	1	400	
DSA-TPZ		C	3	760	
OKA-LPNR DAL-1		C	4	1420	
HNZM-LPNR DAL		C	2	2814	
LPNR-PTNR-DBSI DAL		C	5	2849	
DBSI-ANDI DAL		C	1	838	
PTNR-DKZ EMU		C	1	1142	
PTNR-DKZ EMU		C	5	2030	
FIROZPUR (25.609 KM)		PGW-NSS	E	1	310
	NSS-JIJ	E	1	530	
	JRC-HSX	E	1	920	
	KKP-FKA	E	1	1270	
	BHRL-JAT(UP & DN Line)	B	7	3671	
	BHRL-JAT	B	5	2683	
	JAT-SVDK	E	40	14935	
LUCKNOW (1.513 KM)	BHRL-PTIC	E	1	740	
	ABS-FKA	E	1	550	
	ZBD-SLN (UP Line)	D Spl	1	160	
	ABP-TD (SL) PRG-PYG (SL) LKO-AMG (UP Line)	E	1	560	
MORADABAD (1.848 KM)	LRJ-DDN	D, E	3	1118	
	BLM-SPC	E	1	730	
	TOTAL			57499 = 57.499 KM	

DIVISION WISE Nos. OF LOCATION & TOTAL LENGTH OF GRADIENT WHICH ARE EQUAL OR STEEPER THAN 1 IN 100 (B.G. ROUTE)			
DIVISION	SECTION	Nos OF LOCATION	TOTAL LENGTH OF GRADIENT (KM)
AMBALA	UMB-KLK	12(SL)	14.420
DELHI	Nil	Nil	-
	JUC-PTK	3(UP)	0.650
FIROZPUR	FZR-FKA	1(SL)	0.020
	PGW-JIJ	6(SL)	1.185
	JAT-SVDK	28(SL)	41.422
LUCKNOW	Nil	Nil	-
MORADABAD	LRJ-DDN	19(SL)	13.790
	RWL-RKSH	1(SL)	0.571
TOTAL			72.058

NORTHERN RAILWAY STATISTICAL SUMMARY (N. R. FINANCIAL RESULTS & IMPORTANA STATISTICAL HIGHLIGHTS 2013-2014 to 2016-2017)					
AS on March 31	2013-14	2014-15	2015-16	2016-17	
Assets					
Financial Position					
(i) @ Capital at charge (Rs. in Crore)	36832.18	45659.39	53329.71	66410.59	
(ii) @ Investment from Capital Funds (Rs. in Crore)	7502.58	8023.66	8937.95	9392.65	
(iii) @ Total Investment (Rs. in Crore)	44334.76	53683.05	62267.66	75803.24	
Earning (Rs. in Crore)					
(i) Passenger	4741.46</				