

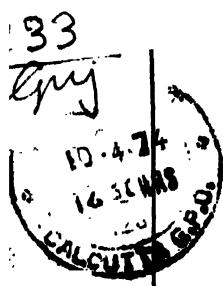
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HANDBOOK OF BASIC TRANSPORT STATISTICS



1970-71



BUREAU OF ECONOMICS AND STATISTICS
GOVERNMENT OF GUJARAT

AHMEDABAD

21

HANDBOOK OF BASIC TRANSPORT STATISTICS.
GUJARAT STATE.
1969, 1970 AND 1971.



BUREAU OF ECONOMICS AND STATISTICS,
GOVERNMENT OF GUJARAT,
AHMEDABAD.

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P R 3 F A C 3

The handbook of basic Transport Statistics brings together in a convenient form statistics relating to various modes of transport. The present issue of the Handbook contains the data for the years ending 31st March 1969, 1970 and 1971.

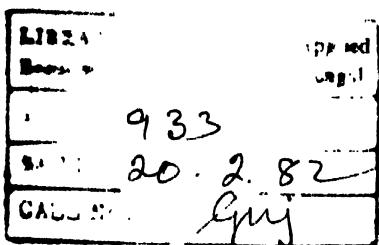
AHMEDABAD

DATE: 24-5-1973.

P. B. BHUCH
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BUREAU OF ECONOMICS AND STATISTICS,
GOVERNMENT OF GUJARAT,
AHMEDABAD.

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BASIC TRANSPORT STATISTICS
GUJARAT STATE - 1969, 1970, 1971.

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GUJARAT STATE IN THE INDIAN UNION

I

Basic Transport Statistics

Gujarat State in the Indian Union

Sr.	Item.	Year	Unit.	Gujarat No.	Years 1967-68 of reference.	Indian State.	Percent	age of Gujarat state to Indian Union.
1.	2.	3.	4.	5.	6.	7.		

I. ROADS

A(I) National Highways.	1967-68	Kilometres.	1048	23700	4.4
-------------------------	---------	-------------	------	-------	-----

B. Surfacewise Road Length.

1. Cement Concrete.	1967-68	"	1003	5640	17.8
2. Black Top.	"	"	8536	166346	5.1
3. Water bound macadam	"	"	5528	144010	3.8
4. Unsurfaced roads.	"	"	14466	285774.	5.1
Total roads.	"	"	29533	601770	4.9

C. Length of roads

1. Per 100 Sq. Kms. of area.	"	"	20	28
2. Per lakh of population.	"	"	152	176
3. Surfaced roads per 100 Sq.kms.of area.	"	"	8	10
4. Unsurfaced roads per 100 Sq.kms.of area.	"	"	12	18

II. ROAD TRANSPORT

A.No. of Motor vehicles registered.	"	"
--	---	---

1.Motor Cycles.	"	Number	27135	324525	8.4
-----------------	---	--------	-------	--------	-----

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II

1.	2.	3.	4.	5.	6.	7.
----	----	----	----	----	----	----

**II. ROAD TRANSPORT
(CONTD.).**

2. Auto Rickshaws.	4816	22751	21.2
3. Motor Cars.	22623	416786	5.4
4. Jeep.	5273	64624	8.2
5. Taxi Cabs	1814	41751	4.3
6. Stage carriages	4407	81640	5.4
7. Lorries	23952	285574	8.4
8. Other Vehicles	8235	95382	8.6
9. Total	98255	1333033	7.4

i. No. of Motor Vehicles.

1. Per 100 sq.kms. of area	1967-68	Number	53	41
2. Per lakh of population.	"	"	390	259
3. Per 100 m.s. of roads.				
(i) Surfaced.	"	"	652	420
(ii) All types.	"	"	257	144

III. RAILWAYS.

1. Broad Gauge	1967-68	Kilo-metres.	1127	28672	3.9
2. Metre Gauge	"	"	3417	25723	13.3
3. Narrow Gauge.	"	"	1135	4944	22.9
4. Total length	"	"	5679	59339	9.6

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• III •

1 2 3 4 5 6 7

(A) Goods Traffic Handled
by ports.

1. Total (Including 67-68 Kandla ports.)	2. '000/- tonnes	3. £3222	4. 9.6
2. Imports	3968	33500	11.8
3. Exports	2129	29722	7.2
4. Coastal	2415	13398	13.0
5. Foreign	3632	49824	7.4

L.SI/

..IV.

Basic Transport Statistics

Gujarat State in the Indian Union
(Year 1968-69)

Sr. No.	Item	Year of Ref- erence	Unit	Gujarat State	Indian Union	Percentage of Gujarat State to Indian Union
1	2	3	4	5	6	7

I. ROADS

A.(I) National Highways 1968-69 Kilo- metres 1056 23162 4.6

B. Surfacewise Road length

1. Cement Concrete	"	"	1002	5339	18.8
2. Black Top	"	"	9275	175968	5.3
3. Water bound macadam	"	"	5408	144530	3.7
4. Surfaced roads	"	"	16526	290593	5.7
Total roads	"	"	32211	€16430	5.2

C. Length of Roads

1. Per 100 sq. kms. of area.	"	"	22	30
2. Per lakh of population	"	"	163	180
3. Surfaced roads per 100 sq. kms. of area.	"	"	8	10
4. Unsurfaced roads per 100 sq. kms. of area.	"	"	14	20

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1	2	3	4	5	6	7
---	---	---	---	---	---	---

II. ROAD TRANSPORT

A. No. of Motor Vehicles Registered.

1. Motor Cycles	68-69	Num:- bar	32414	375172	8.6
2. auto rickshaws.	"	"	5856	27174	21.7
3. Auto Cars	"	"	23582	442488	5.3
4. Jeep	"	"	6659	66601	9.9
5. Taxi Cabs	"	"	1456	30487	2.9
6. Custom Carriages	"	"	4280	88570	5.6
7. Lorries	"	"	26226	306802	8.5
8. Other Vehicles	"	"	9639	102579	9.6
9. Total	"	"	110945	1458183	7.6

B. No. of Motor Vehicles

1. Per 100 sq. kms. of area	"	"	59	45
2. Per lakh of population.	"	"	423	272
3. Per 100 kms. of roads.				
i) Surfaced	"	"	707	448
ii) all types	"	"	263	151

III. RAILWAYS.

1. Broad Gauge	"	Kilos metres	1127	29226	3.8
2. Metre Gauge	"	"	3417	23047	13.2
3. Narrow Gauge	"	"	1125	4341	22.6
4. Total length	"	"	5370	66614	1.5

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SECTION. I
PLACES

1.

Table 1.1

CATEGORY WISE ROAD LENGTH.

(unit : Kilometres)

Sr. No.	As on March of the year	National Highways	State Highways	Major District Roads	Other District Roads	Village Roads	Total
1	2	3	4	5	6	7	8
1	1951	597	1,507	2,710	4,680	3,680	15,154
2	1958	717	1,958	3,112	6,950	5,054	17,789
3	1961	1,005	4,025	6,086	7,008	4,505	22,629
4	1962	1,050	4,535	6,589	7,139	4,666	23,759
5	1963	1,033	4,588	6,511	7,210	4,972	24,514
6	1964	1,033	4,975	6,772	6,933	5,052	24,785
7	1965	1,033	5,011	6,267	7,053	5,096	25,090
8	1966	1,033	5,256	7,132	7,065	5,674	26,029
9	1967	1,041	5,512	7,030	7,458	6,395	27,450
10	1968	1,043	5,717	7,398	8,015	7,317	29,553
11	1969	1,056	6,083	7,127	8,417	8,628	32,211
12	1970	1058	8005	6,599	8,552	9,143	55,555
13	1971	1058	8200	6936	8678	9476	34346

Source :- Public Works Department,
Government of Gujarat,
Gandhinagar.

B. Agarwal /

Table No. 2

SURFACE WISE ROAD LENGTH

(Unit :- Kilometre)

Sr. No.	As on 31st March of the year	P.W.D.'s and Local bodies						Total
		Cement Concrete	Block Top	Water boun- dary macadam	Total surfaced Roads	Un-sur- faced roads		
1	2	3	4	5	6	7	8	
1	1951	18	309	6,292	6,619	6,535	13,154	
2	1956	752	1,283	5,751	7,786	10,003	17,789	
3	1961	1,080	4,436	6,416	11,932	10,697	22,629	
4	1962	1,070	5,009	6,548	12,526	11,233	23,759	
5	1963	1,085	5,859	6,202	13,146	11,168	24,314	
6	1964	1,091	6,352	6,210	13,653	11,112	24,765	
7	1965	1,093	6,654	6,126	13,883	11,207	25,090	
8	1966	1,024	7,161	5,911	14,104	11,925	26,029	
9	1967	1,016	7,702	5,801	14,617	12,833	27,450	
10	1968	1,003	8,536	5,718	15,067	14,466	29,533	
11	1969	1,002	9,275	5,478	15,685	16,526	32,211	
12	1970	989	9,032	5,406	16,377	16,953	33,333	
13	1971	929	10,746	5,415	17,120	17,226	34,346	

Source :- Public Works Department,
Government of Gujarat,
Gandhinagar.

••• 3 •

PT - V. 3 - A

CATEGORY I & II TOWNS WISE ROAD LENGTH BY DISTRICT

(As on 31-3-69)

(Unit :- Kilometres)

Sr. No.	District of Road	Category	DISTANCE					
			Cement Concrete	Block Top bound	Water bound	Total macadam	Un- surfaced	Total surfaced
1	2	3	4	5	6	7	8	9
1.	Shimoga	S.H.	-	113	-	113	-	113
		S.H.	52	52	60	458	32	498
		M.D.R.	-	145	50	195	121	316
		C.D.R.	-	29	9	38	572	410
		V.R.	-	15	2	15	194	209
		Total	52	630	121	817	719	1536
2.	Amradi	N.H.	-	-	-	-	-	-
		S.H.	32	237	43	312	34	376
		M.D.R.	-	209	252	460	2	462
		C.D.R.	-	8	74	82	246	328
		V.R.	-	6	70	76	361	437
		Total	32	459	459	930	643	1573

		1	2	3	4	5	6	7	8	9
5.	Kutch	N.H.	2	75	-	77	-	77		
		S.H.	-	535	-	535	143	678		
		M.D.R.	-	111	63	174	484	658		
		O.D.R.	-	8	5	13	567	580		
		V.R.	-	14	29	43	250	293		
		Total	2	743	77	842	1444	2286		
6.	Kaira	N.H.	--	79	-	79	-	79		
		S.H.	72	440	13	525	2	527		
		M.D.R.	2	269	40	311	56	367		
		O.D.R.	-	43	55	98	217	315		
		V.R.	-	3	5	6	100	106		
		Total	74	834	111	1019	375	1314		
5.	Jamnagar	N.H.	-	-	-	-	-	-		
		S.H.	40	513	5	353	-	355		
		M.D.R.	-	151	206	357	39	439		
		O.D.R.	-	14	219	233	267	500		
		V.R.	-	-	44	44	158	202		
		Total	40	478	472	930	514	1504		

		विभाग								
		1	2	3	4	5	6	7	8	9
६.	तुकारामी	N.S.		३	५६	-	५९	-	५९	
		S.H.		७२	२५१	७९	४२२	१९	४४१	
		M.D.R.		-	१४६	३२१	४६७	१७२	६३९	
		C.O.R.		३	४१	२५१	२९५	१६५	४६०	
		V.R.		-	५	२३०	२३५	४०४	६३९	
		Total		७७	८७१	८७१	१४७६	७६०	२२३०	
७.	दर्रा	N.P.		-	-	-	-	-	-	
		S.V.		-	९३	८	१०१	२३	१२४	
		M.D.R.		-	३४	४२	७६	-	७६	
		C.O.R.		-	३	१३४	१३७	७१	२०८	
		V.R.		-	-	१३	१३	२५४	२६७	
		Total		-	१३०	१९७	३२७	३४०	६७५	
८.	पंचमी	N.H.		-	-	-	-	-	-	
		S.H.		१२९	२०१	२४	४३४	२	४३८	
		M.D.R.		-	७४	६९	१४३	१०३	३२३	
		C.O.R.		-	४५	३२७	३७२	१०४	१२६६	
		V.R.		-	५	२४	२०	८०७	९३६	
		Total		१२०	६०५	४४४	९७८	१०९६	२३७४	

		1	2	3	4	5	6	7	8	9
9.	Ranikhet	N.H.	-	-	-	-	-	-	-	-
		S.H.	-	478	-	478	-	478		
		M.D.R.	-	142	-	142	463	605		
		O.D.R.	-	-	-	-	499	499		
		V.R.	-	10	24	54	380	414		
		Total	-	630	24	654	1342	1996		
10.	Brough	N.H.	-	40	-	40	-	40		
		S.H.	19	248	29	296	47	343		
		M.D.R.	-	185	129	314	105	419		
		O.D.R.	-	47	72	119	312	431		
		V.R.	-	2	5	7	183	190		
		Total	19	522	235	776	647	1423		
11.	Shivnagar	N.H.	-	-	-	-	-	-		
		S.H.	79	239	29	337	37	374		
		M.D.R.	-	163	164	317	119	435		
		O.D.R.	-	44	207	251	39	560		
		V.R.	-	2	35	37	107	1107		
		Total	79	423	435	942	154	2476		

7. ~~W.W.~~

1	2	3	4	5	6	7	8	9
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12	Mehsana	N.H.	-	-	-	-	-	-
		S.H.	47	349	18	412	27	439
		M.D.R.	-	298	51	324	69	393
		O.D.R.	-	2	6	8	100	108
		V.R.	-	10	3	13	589	572
		Total	48	654	55	759	755	1512

13	Rajkot	N.H.	61	175	2	238	-	238
		S.H.	101	182	31	314	18	330
		M.D.R.	-	121	169	290	66	353
		O.D.R.	-	23	411	434	341	775
		V.R.	-	-	118	118	586	504
		Total	162	501	731	1394	809	2203

14	Bardia	N.H.	-	69	-	69	-	69
		S.H.	5	505	52	558	-	338
		M.D.R.	-	164	26	190	24	214
		O.D.R.	-	4	100	174	457	611
		V.R.	-	7	53	60	680	740
		Total	5	617	211	851	1141	1972

Sedimentation									
1		2	3	4	5	6	7	8	9
15	Rubus	N.H.	-	111	-	111	-	111	
		S.H.	28	143	39	210	51	261	
		M.D.R.	-	132	67	199	108	307	
		C.D.R.	-	69	89	158	269	427	
		V.R.	-	15	22	37	600	637	
		Total	28	450	217	715	1028	1743	
16	Sebanckentha	N.H.	-	93	-	93	-	93	
		S.H.	73	117	4	274	37	311	
		M.D.R.	-	103	18	176	155	331	
		C.D.R.	-	-	2	2	75	77	
		V.R.	-	-	64	64	456	520	
		Total	73	443	88	609	723	1532	
17	Surat	N.H.	-	55	-	55	-	55	
		S.H.	87	193	72	352	21	373	
		M.D.R.	-	105	146	341	65	104	
		C.D.R.	-	72	126	193	45	63	
		V.R.	-	-	26	26	11	11	
		Total	87	515	370	932	1	1	

- 9 -

1	2	3	4	5	6	7	8	9
18 Surendra nagar.								
N.H.	34	87	-	122	-	121		
S.H.	37	176	31	243	97	341		
M.D.R.	-	30	200	230	133	363		
O.D.R.	-	6	48	54	177	231		
V.R.	-	5	-	5	299	304		
Total	71	304	279	654	706	1360		

Gujarat state	N.H.	100	954	2	1056	-	1056
S.H.	897	4985	513	6395	588	6983	
M.D.R.	2	2711	1993	4706	2421	7127	
O.D.R.	3	528	2135	2666	5751	8417	
V.R.	-	97	765	862	7766	8628	
Total	1002	9275	5408	15635	16526	32211	

Source :- Public works Department,
Government of Gujarat,
Gandhinagar.

Bagwan 1/

CATEGORY-WISE & SURFACE WISE ROAD LENGTH BY DISTRICT

(as on 31/3/70)

(Unit :- Kilometres)

Sr. No.	District	Category	Cement of roads	Black top macadam	water bound faced	Total sur- face roads	Unsurf- aced roads	Total	
		1	2	3	4	5	6	7	8
1.	Tiruchirappalli	N.H.	-	113	-	113	-	113	
		S.H.	52	330	57	453	55	408	
		M.D.R.	-	240	33	273	52	325	
		C.D.R.	-	74	5	79	352	411	
		V.R.	-	16	2	18	191	209	
		Total	53	781	97	936	610	1546	
2.	Amravati	N.H.	-	-	-	-	-	-	
		S.H.	52	237	46	315	34	349	
		M.D.R.	-	111	253	464	13	477	
		C.D.R.	-	8	73	81	243	329	
		V.R.	-	6	68	74	515	599	
		Total	51	42	440	734	811	1164	

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	1	2	3	4	5	6	7	8	9
5 Kutch	N.H.	2	75	-	77	-	77		
	S.H.	-	615	42	637	505	1040		
	M.D.R.	-	50	45	75	282	357		
	O.D.R.	-	10	5	15	539	554		
	V.R.	-	15	30	45	255	300		
	Total	2	945	122	869	1459	2328		
4 Kaira	N.H.	-	79	2	79	-	79		
	S.H.	68	448	11	527	3	530		
	M.D.R.	-	286	40	326	47	373		
	O.D.R.	-	54	65	119	182	301		
	V.R.	-	10	3	15	150	165		
	Total	68	877	119	1064	332	1446		
5 Jamnagar	N.H.	-	-	-	-	-	-		
	S.H.	40	372	133	548	1150	1578		
	M.D.R.	-	93	85	178	108	286		
	O.D.R.	-	15	209	224	248	470		
	V.R.	-	-	45	45	128	169		
	Total	40	480	475	995	510	1503		

... 17 ...									
... 18 ...									
	1	2	3	4	5	6	7	8	9
6 Junagadh	N.H.	3	574	-	60	-	60		
	S.H.	92	372	57	521	39	560		
	M.D.R.	-	109	271	330	137	517		
	C.D.R.	3	45	262	310	165	473		
	V.R.	-	5	221	226	402	628		
	Total	98	48	811	1497	741	2238		
7 Dang	N.H.	-	-	-	-	-	-		
	S.H.	-	03	10	103	21	124		
	M.D.R.	-	36	40	76	-	76		
	C.D.R.	-	12	134	146	61	207		
	V.R.	-	2	11	13	254	267		
	Total	-	143	195	538	311	674		
8 Panchmahals	N.H.	-	-	-	-	-	-		
	S.H.	129	288	24	441	-	441		
	M.D.R.	-	74	70	144	201	345		
	C.D.R.	-	46	326	372	893	1265		
	V.R.	-	5	24	29	93	836		
	Total	129	415	444	936	311	1867		

		1	2	3	4	5	6	7	8	9
12	Mohsana	N.H.	-	-	-	-	-	-	-	-
		S.H.	47	406	25	478	7	485		
		M.D.R.	-	281	41	322	95	417		
		O.D.R.	-	2	6	8	119	127		
		V.R.	-	19	2	21	512	533		
		Total	47	708	74	829	733	1562		
13	Rajkot	N.H.	61	177	-	238	-	238		
		S.H.	103	187	38	328	23	351		
		M.D.R.	-	132	156	288	64	352		
		O.D.R.	-	22	401	423	340	763		
		V.R.	-	-	117	117	723	840		
		Total	164	518	712	1394	1150	2544		
14	Baroda	N.H.	-	69	-	69	-	69		
		S.H.	-	325	13	333	-	338		
		M.D.R.	-	164	26	190	31	221		
		O.D.R.	-	75	128	203	447	650		
		V.R.	-	8	55	63	663	726		
		Total	-	641	222	863	1141	2004		

1	2	3	4	5	6	7	8	9
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15	Bulsar	N.H.	-	111	-	111	Rs	111
		S.H.	23	146	40	214	47	261
		M.D.R.	-	153	66	224	90	314
		O.D.R.	-	56	89	145	282	427
		V.R.	-	14	24	38	603	641
		Total	23	465	219	732	1022	1754

16	Sabarkantha	N.H.	-	93	-	93	-	93
		S.H.	69	200	16	235	35	320
		M.D.R.	-	182	6	188	163	351
		O.D.R.	-	2	3	5	79	84
		V.R.	-	-	72	72	468	540
		Total	69	477	97	643	745	1388

17	Surat	N.H.	-	55	-	55	-	55
		S.H.	87	219	55	361	13	374
		M.D.R.	-	200	144	344	137	481
		O.D.R.	-	85	152	237	402	639
		V.R.	-	3	50	53	594	647
		Total	87	562	401	1050	1146	2196

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	1	2	3	4	5	6	7	8	9
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18 Surendranagar N.H. 34 87 - 121 - 121

S.H. 35 176 35 246 93 339

M.D.R. - 45 209 254 47 301

O.D.R. - 16 52 38 225 295

V.R. - 6 - 6 352 338

Total 69 330 296 695 697 1392

19 Gandhinagar N.H. - - - - - -

S.H. - 27 - 27 - 27

M.D.R. - 6 15 21 - 21

O.D.R. - 41 6 47 19 66

V.R. - 3 - 3 5 8

Total - 77 21 98 24 122

Total N.H. 100 955 - 1055 - 1055

S.H. 886 5483 657 7026 977 8003

M.D.R. - 2763 1732 4495 2104 6599

O.D.R. 3 650 2233 2886 1646 8532

V.R. - 130 784 914 1213

Total 989 9912 5406 16377 1155

Source :- Public Works Department,
Government of Gujarat,
Gandhinagar.

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CATEGORY - WISE & COUNTRY - WISE ROAD LENGTH BY DISTRICT
(AS ON 31-3-71)

(Unit :- Kilometres)

Sr. No.	District	Category of Road	Surface						Total
			Cement Concrete	B.I.D. Top	W.L.P. b. and mineral	Total ft. ft. & ft. faced	W.L.P. ft. faced		
1	2	3	4	5	6	7	8	9	
1	Ahmedabad	N.H.	-	113	-	113	-	113	
		S.H.	45	379	32	476	28	504	
		M.O.R.	-	190	18	208	95	303	
		O.O.R.	-	85	5	90	332	422	
		V.R.	-	21	2	23	186	209	
Total			45	808	57	910	341	1551	
2	Amreli	N.H.	-	-	-	-	-	-	
		S.H.	32	246	53	333	26	359	
		M.O.R.	-	253	230	483	2	485	
		O.O.R.	-	8	64	72	277	349	
		V.R.	-	2	68	70	514	584	
Total			32	511	415	958	819	1777	

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	2	3	4	5	6	7	8	9
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Kutch	N.H.	2	75	-	77	-	77	
	S.H.	-	638	15	743	338	1081	
	M.D.R	-	31	49	80	239	319	
	O.D.R	-	10	10	20	535	555	
	V.R.	-	14	31	45	254	299	
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	Total	2	78	195	965	1366	2331	
<hr/>								
Kaira	N.H.	-	0	-	79	-	79	
	S.H.	68	448	-	516	2	518	
	M.D.R	-	300	39	339	38	377	
	O.D.R	-	77	53	150	245	375	
	V.R.	-	6	22	40	240	280	
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	Total	68	922	114	1104	525	1749	
<hr/>								
Jamnagar	N.H.	-	42	172	572	26	776	
	S.H.	40	393	130	552	26	578	
	M.D.R	-	93	85	178	109	287	
	O.D.R	-	14	210	224	246	470	
	V.R.	-	..	42	42	196	232	
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	Total	40	409	457	996	574		

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1 2 3 4 5 6 7 8 9

6 Junagadh N.H. 3 57 - 60 - 60

S.H. 92 392 58 522 38 560

M.D.R. - 112 202 380 137 517

O.D.F. 3 48 252 310 164 474

V.R. - 5 222 227 402 629

Total 2 620 731 1499 741 2240

7 Baroda N.H. - - - - - -

S.H. - 98 10 103 22 125

M.D.R. - 37 111 149 - 13

O.D.F. - 21 121 145 77 222

V.R. - - 11 11 256 237

Total 2 151 253 407 355 762

8 Bhavnagar N.H. - - - - - -

S.H. 129 304 26 459 - 459

M.D.R. - 135 82 217 184 401

O.D.F. - 67 206 363 928 1291

V.R. - 3 21 20 807 36

Total 129 514 127 1760 1212 2077

1 2 3 4 5 6 7 8 9

9	Banekantha N.H.	-	-	-	-	-	-
	S.H.	-	548	-	548	175	725
	M.D.R.	-	141	72	213	397	610
	O.D.R.	-	-	35	35	477	512
	V.R.	-	18	27	43	419	462
	Total	-	705	134	839	1468	2307

10	B r o o k h	N.H.	-	40	-	40	-	40
		S.H.	19	318	31	366	25	391
		M.D.R.	-	188	63	251	119	370
		O.O.R.	-	74	112	186	257	445
		V.R.	-	5	8	15	214	227
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	Total		19	623	214	856	615	1471

11	Bhavnagar	N.H.	-	-	-	-	-	-
		S.H.	79	261	14	354	21	375
		M.D.R.	-	240	145	385	27	412
		O.D.R.	-	33	165	198	380	578
		V.R.	-	2	35	37	1093	1130
		Total	79	536	359	974	1521	2495

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1 2 3 4 5 6 7 8 9

12	Wales	N.H.	-	-	-	-	-	-
	S.H.	-	172	14	486	-	486	
	M.D.	-	201	45	336	187	523	
	O.R.	-	2	10	12	104	116	
	V.R.	-	10	7	26	483	509	
	Total	-	704	72	860	774	1324	

13	West	N.H.	81	177	-	238	-	238
	S.H.	104	203	31	343	40	383	
	M.D.	-	110	103	303	66	369	
	O.R.	-	24	323	407	351	758	
	V.R.	-	-	118	118	723	841	
	Total	105	549	605	1400	1120	3230	

14	Wendell	N.H.	--	59	-	62	--	62
	S.H.	--	330	-	330	--	330	
	M.D.	-	279	30	249	77	326	
	O.R.	-	97	137	234	375	609	
	V.R.	-	9	56	64	664	723	
	Total	-	13	132	945	1116	2061	

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1 2 3 4 5 6 7 8 9

15	Bulser	N.H.	-	111	-	111	-	111
		S.H.	27	152	41	220	45	265
		M.D.R.	-	155	43	198	119	317
		O.D.R.	-	89	92	161	262	425
		V.R.	-	12	28	40	628	668
		Total	27	499	204	730	1052	1782

16	Savarkantia	N.H.	-	95	-	95	-	95
		S.H.	69	214	5	288	52	520
		M.D.R.	-	216	13	229	150	559
		O.D.R.	-	2	5	7	77	84
		V.R.	-	-	74	74	498	572
		Total	69	525	97	691	737	1428

17	Surat	N.H.	-	55	-	55	-	55
		S.H.	87	219	55	381	15	374
		M.D.R.	-	209	119	328	161	489
		O.D.R.	-	79	198	277	358	635
		V.R.	-	5	51	56	594	650
		Total	87	597	425	1077	1128	2203

1	2	3	4	5	6	7	8	9
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18	Sundernagar N.H.	34	67	-	121	-	121
	S.F.	35	193	27	255	89	344
	M.T.R.	-	76	201	277	24	301
	C.I.C.	-	5	61	66	227	293
	V.L.	-	6	4	10	528	339
	Total	-	367	233	723	663	1507

19	S. Bhilwara	17	-	-	-	-	-
	S.F.	-	27	-	27	-	2
	M.T.R.	-	24	-	24	-	24
	C.I.C.	-	40	3	48	21	69
	V.L.	-	4	-	4	5	9
	Total	-	95	9	103	36	123

Gujarat State	N.H.	100	956	-	13	-	1153
	S.F.	936	5144	612	262	710	6210
	V.L.	-	3046	177	4025	2111	6935
	C.I.C.	7	755	222	2905	5623	8672
		-	145	8	972	9501	9476
	Total	-	5778	-45	17120	12222	21346

Surveyor of Works Department,
Government of Gujarat,
Gandhinagar.

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Table No. 4 - A

Road length in District per 100.s. q Kilometres of area
and per lakh of population

(Year : 1968-69)
(Unit : Kilometers)

Sr. No.	District	Per 100 s. q Kilometres of area							
		Surfaced	Unsurfaced	Total	Surfaced	Unsurfaced	Total	Surfaced	Unsurfaced
1	2	3	4	5	6	7	8		
1	Mahesana	10	8	18	51	27	53		
2	Anjarli	28	20	48	112	77	189		
3	Kutch	2	3	5	98	164	260		
4	Kadra	15	6	21	41	15	53		
5	Tamnagar	9	5	14	95	49	144		
6	Junagadh	14	7	21	95	49	144		
7	Dangs	18	20	38	327	348	675		
8	Panchmahals	11	21	32	53	103	158		
9	Banskantha	6	15	19	53	108	161		
10	Brahach	10	8	18	70	58	128		
11	Bhavnagar	8	15	21	67	110	177		
12	Mahesana	7	7	14	39	39	78		
13	Rejkot	12	7	19	91	53	144		
14	Borodra	11	15	26	45	59	102		
15	Bulsar	14	20	34	50	72	122		
16	Sabarkantha	8	10	18	52	62	114		
17	Surat	13	16	29	59	69	128		
18	Suratnagar	6	7	13	79	85	164		
	Gujerat State	8	9	17	61	64	125		

Note : (1) Figures for area are taken from Surveyor General of India, as on 1 - 1 - 1966.

(2) Figures for projected population are taken from the Registrar General of India, as on 1st July, 1969.

Rajwani /

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Road length in district per 100 s. q Kilometres of area and per lakh of population.

(Year : 1969-70)

(Unit : Kilometres)

Sr. No.	District	Per 100 s. q Kilometres of area			Per 1akh of Population		
		Surfaced	Un- surfaced	Total	Surfaced	Un- surfaced	Total
1	Gandhinagar	11	7	18	34	22	56
2	Ahmedabad	21	25	53	110	95	205
3	Kutch	2	3	5	97	162	259
4	Rajkot	16	6	22	42	15	57
5	Jamnagar	6	5	11	94	48	142
6	Junagadh	11		21	93	46	139
7	Dang	10	10	30	307	305	612
8	Panchmahals	11	31	32	52	101	153
9	Dangkantha	6	14	20	51	113	164
10	Brahmapur	11	7	18	75	50	125
11	Bhavnagar	2	13	21	66	106	172

		2	3	4	5	6	7	8
12	Mehsana	7	8	7	15	59	55	74
13	Rajkot	12		10	22	89	73	182
14	Saorda	11		15	26	44	58	102
15	Bulsar	14		20	34	50	70	120
16	Sambhartha	9		10	19	54	62	118
17	Surat	14		16	30	62	67	129
18	Surendranagar	7		7	14	82	82	164
19	Gandhinagar	15		4	19	52	15	65
Gujarat State		9		9	18	62	64	126

Note : (1) Figures for area is taken from
Surveyor General of India as on
1 - 1 - 66

(2) Figures for projected population
are taken from Registrar general
of India as on 1st July, 1970.

By Govindji

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Table No. - C

Road length in District per 100 sq Kilometres of area and per 1000 of population.

(Year : 1970-71)

(Unit : Kilometres)

Sr. No.	District	Per 100 sq Kilometres			Per 1000 of Population		
		Surfa- ced	Unsurf- aced	Total	Sun- faced	Unsun- faced	Total
1	2	3	4	5	6	7	8
1	Ahmedabad	10	8	18	31	22	53
2	Anand	14	12	26	113	96	209
3	Vutch	2	3	5	113	161	274
4	Kadra	15	7	22	45	21	66
5	Jamnagar	17	1	11	90	55	143
6	Junagadh	14	7	21	91	45	136
7	Dangs	24	21	45	422	377	809
8	Panchmahals	12	22	34	58	104	162
9	Banskantha	7	12	19	66	116	182
10	Ranach	9	7	16	77	55	132
11	Bhavnagar	9	14	23	60	110	170

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	1	2	3	4	5	6	7	8
12	Mehsana	10	9	19	41	37	78	
13	Rajkot	14	12	28	87	75	180	
14	Boroda	12	14	28	48	58	104	
15	Bulsar	14	20	54	51	74	125	
16	Sabarkantha	9	10	19	58	62	120	
17	Surat	14	15	29	60	65	123	
18	Surendranagar	7	6	13	86	79	165	
19	Gandhinagar	16	4	20	51	15	64	
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	Gujarat State	9	9	18	64	65	129	

Note : (1) Figures for area and population are as

Per 1971 population census.

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EXPENDITURE STATE

(Unit : 1000 Rs.)

Sr. No.	Year	State Roads			National Highways		
		Mainten. ance works	Original works	Total	Mainten. ance works	Original works	Total
1	2	3	4	5	6	7	8
1	1961-62	113.95	465.71	579.66	35.02	82.66	117.68
2	1962-63	120.74	371.11	425.03	36.14	136.73	172.87
3	1963-64	145.43	310.11	456.55	37.32	100.09	137.41
4	1964-65	216.77	271.00	471.07	48.94	92.00	130.84
5	1965-66	248.52	310.77	547.75	58.58	114.55	172.93
6	1966-67	252.51	300.15	554.66	45.00	86.26	131.26
7	1967-68	324.61	317.10	641.19	36.92	50.67	87.59
8	1968-69	600.19	457.11	1146.30	103.15	21.95	125.08
9	1969-70	662.55	507.03	1164.38	81.42	42.84	124.26
10	1970-71	124.17	554.36	1817.53	109.40	130.96	240.36

Source :- Public Works Department,
Government of Gujarat,
Gandhinagar.

Bawani /

Table No. 6 A

Requirement under 20 year Road Plan and Actual Road Kilometrage achieved at the end of 1968-69

(Unit :- Kilometre)

Sr. No.	District	National Highways			State Highways			Percentage of actual roads in relation with require- ment.
		Required under 20 year Plan	Actual under 20 year Plan	Percent- age of actual roads in relation with plan require- ment.	Required under 20 year Plan	Actual under 20 year Plan	Percent- age of actual roads in relation with plan require- ment.	
1	2	3	4	5	6	7	8	
1	Mehmedabad	519	115	35	408	488	120	
2	Ahmedeli	114	-	-	288	346	120	
3	Kutch	341	77	23	613	678	111	
4	Kaira	200	79	40	365	527	144	
5	Jamnagar	285	-	-	397	358	90	
6	Junagadh	370	59	16	277	441	159	
7	Dangs	-	-	-	126	124	98	
8	Panchmahals	177	-	-	296	438	147	
9	Bhavnagar	158	-	-	439	478	109	
10	Brockh	64	40	65	500	545	90	
11	Bhavnagar	258	-	-	335	374	112	
12	Mehsana	159	-	-	394	439	111	
13	Rajkot	387	258	61	377	330	88	
14	Baroda	134	69	52	322	338	105	
15	Bulsar	336	111	49	454	261	140	
16	Surat	-	55	-	-	575	-	
17	Sedarkantha	94	95	99	309	311	101	
18	Surendranagar	211	121	57	386	340	88	
Total		3803	1058	29	6166	6985	115	

Area :- Five year Plan, Report 1968-69

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Table No. 6 A (contd.)

Sr. No.	District	Major District Roads			Other District Roads			Percentage of actual roads in relation with require- ment.
		Reqd. red under 20 year plan	Actual red under 20 year plan	Percen- tage of actual roads in relation with require- ment.	Reqd. red under 20 year plan	Actual red under 20 year plan	Percen- tage of actual roads in relation with require- ment.	
1	2	3	4	5	6	7	8	8
1	Anand	895	516	55	985	410	42	
2	Amreli	679	462	68	675	326	49	
3	Kutch	910	658	72	1168	580	50	
4	Raisen	1393	367	26	1314	315	24	
5	Jamnagar	752	446	59	879	500	57	
6	Junagadh	919	639	70	1073	460	43	
7	Dangs	109	76	70	171	208	122	
8	Panchmahals	771	536	44	1060	1266	119	
9	Banskantha	865	665	70	1047	499	48	
10	Brock	573	419	73	732	431	59	
11	Bhavnagar	958	435	46	867	580	65	
12	Mehsana	1216	593	52	1327	108	8	
13	Rajkot	859	558	41	999	775	78	
14	Bardoda	789	214	27	982	611	62	
15	Bulsar	1357	307	53	1676	427	63	
16	Surat	—	404	—	—	631	—	
17	Sabarkantha	601	531	55	705	77	11	
18	Surendranagar	763	363	48	785	231	29	
Total		14552	7127	50	16441	8417	51	

Table No. 6 - A (contd.)

St. No.	District	Village Roads			Total		
		Reqd. red under 20 year plan	Actual stage of actual roads in relation with require- ment	Percent- age of actual roads in relation with plan	Reqd. red under 20 year plan	Actual under 20 year plan	Percent- age of actual roads in relation with require- ment
1	Ahmedabad	1020	100	93	3605	3500	96
2	Anand	221	407	51	2776	2879	94
3	Baroda	1025	238	23	4043	4040	99
4	Danta	1158	106	9	4450	2969	61
5	Gandhinagar	829	202	24	3140	1804	56
6	Junagadh	1128	659	57	3787	2238	59
7	Dangs	257	267	104	863	675	102
8	Panchmahals	1270	835	66	3574	2874	80
9	Rajkot-Bhavnagar	1222	414	34	3729	1996	54
10	Ranach	869	190	22	2618	1425	54
11	Bhavnagar	949	1107	114	6386	5475	78
12	Mahesana	933	572	51	4055	1532	37
13	Refcot	1025	834	80	3547	2203	60
14	Bardoda	1195	740	62	3432	2072	59
15	Bulsar	1672	637	77	5475	2745	50
16	Surat	—	651	—	—	2114	—
17	Sabarkantha	925	520	55	2634	1552	51
18	Saurashtra	829	304	37	2974	1580	49
	Total	17036	8628	51	57626	32211	55

Source :- Total in Five year Plan,

- (1) Draft Report 1969-74 for 20 years Plan figures.
(2) Actual Road Kilometrage from P.W.D.
Govt. of Gujarat, Gandhinagar.

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STATE HIGHWAYS

Requirement under the Revised Plan and Actual
Road Kilometres achieved at the end of 1969-70.

Sr. No.	District	National Highways				State Highways			
		Required under 20 year Plan	Actual	Percen- tage of actual roads in relation with require- ment	Requir- ed under 20 year Plan	Actual	Percen- tage of actual roads in relation with require- ment		
1	2	3	4	5	6	7	8		
1	Barddhaman	319	113	35	408	488	120		
2	Birbhum	114	-	2	288	349	121		
3	Burdwan	361	77	23	613	1040	169		
4	Cooch Behar	200	79	40	365	530	145		
5	Darjeeling	283	-	-	597	573	148		
6	Jharkhand	370	60	16	277	560	202		
7	Darjeeling	-	-	-	126	124	98		
8	Foothills	177	-	-	293	441	146		
9	Gangtok	176	-	-	439	644	143		
10	Haldia	23	20	65	320	381	117		
11	Hazaribagh	272	-	-	335	575	112		
12	Jharkhand	150	-	-	394	495	123		
13	Katihar	327	238	61	377	351	93		
14	Korba	134	69	52	322	338	105		
15	Kuldhara	336	1117	49	454	2617	140		
16	Surat	-	55	-	-	374	-		
17	Sambalpur	94	93	99	309	320	104		
18	Surendranagar	211	121	57	386	339	88		
	Total	3603	1056	29	6186	8003	130		

cont'd..

Table No. 6 B (contd.)

Sr. No.	District	Major District Road			Other District Roads		
		Required under 20 year Plan	Actual	Percen- tage of actual roads in relation with require- ment	Required under 20 year Plan	Actual	Percen- tage of actual roads in relation with require- ment
1	2	9	10	11	12	13	14
1	Ahmedabad	895	525	58	985	411	42
2	Amreli	678	477	70	673	529	49
3	Kutch	910	357	39	1168	554	47
4	Kaira	1395	373	27	1314	301	23
5	Jamnagar	752	286	38	879	470	53
6	Junagadh	919	517	56	1073	475	44
7	Dangs	109	78	70	171	207	121
8	Panchmahals	771	345	45	1060	1265	119
9	Banskantha	865	570	66	1047	478	46
10	Ranach	573	380	66	732	435	59
11	Bhavnagar	956	455	48	867	560	64
12	Mehsana	1216	417	34	1327	127	10
13	Rajkot	859	352	41	999	763	76
14	Ratoda	789	221	28	982	650	66
15	Bulsar	1337	3147	59	1676	427	64
16	Surat	—	481	—	—	659	—
17	Sankantantha	601	351	58	705	84	12
18	Surendranagar	763	301	39	785	293	37
	Total	14382	6599	46	16441	8532	52

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Table No. 6 B contd.

Sr. No.	District	Village Roads				Total			
		Required under 20 year Plan	Actual	Percen- tage of actual roads in relation With require- ment	Requi- red under 20 year Plan	Actual	Percenta- ge of actual roads in rela- tion with require- ment		
1	2	15	16	17	18	19	20		
1	Mehmedabad	1002	208	21	3605	1546	43		
2	Anreli	721	589	82	2472	1744	70		
3	Kutch	1038	300	29	4068	2528	57		
4	Valsad	1156	163	14	4450	1446	33		
5	Jamnagar	829	169	20	3140	1503	48		
6	Junagadh	1128	628	56	3767	2238	59		
7	Dangs	257	267	104	663	674	102		
8	Panchmahals	1270	836	66	3574	2937	81		
9	Banskantha	1222	411	34	3729	2101	56		
10	Brockh	869	190	22	2618	1426	54		
11	Bhavnagar	969	1108	11	3385	2478	73		
12	Mehsana	939	533	55	4035	1562	39		
13	Rajkot	1025	840	81	3647	2544	70		
14	Beroda	1185	726	61	3412	2004	59		
15	Bulsar	1672	641	77	5475	1754	72		
16	Surat	—	647	—	—	2196			
17	Sabar kantha	925	540	58	2634	1388	53		
18	Surendranagar	829	538	41	2974	1392	47		
Total		17036	9143	54	57628	33333	58		

Source : - 1) Fourth Five year Plan Draft Report
1969-74 for 20 year plan figures.

(2) Actual road Kilometres from P.W.D.,
Govt. of Gujarat, Gandhinagar.

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Table No. 6 - C

Requirement under 20 year Road Plan and Actual Road Kilometrage achieved at the end of 1970-71.

(Unit :- Kilometre)

Sr. No.	District	<u>National Highways</u>			<u>State Highways</u>		
		Required under 20 year plan	Actual under 20 year plan	Percent age of actual roads in relation with require- ment	Reqd. under 20 year Plan	Actual under 20 year Plan	Percent age of actual roads in relation with require- ment
1	2	3	4	5	6	7	8
1	Mehmedabad	319	113	55	408	504	124
2	Amreli	114	-	-	288	359	125
3	Kutch	341	77	23	613	1081	176
4	Kaira	200	79	40	385	518	142
5	Jamnagar	283	-	-	397	578	146
6	Junagadh	370	60	16	277	560	202
7	Dangs	-	-	-	126	125	99
8	Panchmahals	177	-	-	296	459	155
9	Rannsankartha	156	-	-	439	725	165
10	Brosach	64	40	63	380	391	103
11	Bhavnagar	258	-	-	535	575	112
12	Mahesana	159	-	-	394	486	125
13	Rajkot	387	238	61	577	585	102
14	Baroda	134	69	52	522	530	102
15	Bulsar	336	111	49	454	265	140
16	Surat	-	55	-	-	374	-
17	Sambarkantha	94	93	99	300	320	104
18	Surendranagar	211	121	57	396	344	89
19	Gandhinagar	-	-	-	-	-	-
Total		3673	1056	29	6166	8200	133

contd..

Table No. 36

Requirement under 20 year road plan and Actual Road Kilometres which were built up to the end of 1970-71.

Sr. No.	District	Roads in the Roads			Other District Roads		
		Requi- red under 20 year Plan	Total	Percentage of actual roads in relation with require- ment	Requi- red under 20 year plan	Actual	Percentage of actual roads in relation with require- ment.
1	2	9	10	11	12	13	14
1	Ahmedabad	893	303	54	983	422	43
2	Bharali	676	485	72	673	349	52
3	Kutch	910	319	35	1168	555	48
4	Kaira	1303	347	27	1314	375	29
5	Jamnagar	742	297	38	879	470	53
6	Tarapur	120	117	56	1073	474	44
7	Dharmapuri	102	132	136	171	222	130
8	Panch Mahal	7	11	52	1060	1291	122
9	Sanket	105	110	71	1047	512	49
10	Vadodara	573	370	65	732	443	61
11	Ranavasar	956	412	43	867	578	67
12	Mahesana	1216	523	43	1327	116	19
13	Rajkot	859	369	43	999	753	76
14	Bardoda	789	325	41	982	602	62
15	Bulsar	1337	317	60	1678	1423	63
16	Surat	—	—	—	—	638	—
17	Sambhalpur	601	70	60	705	91	13
18	S. P. S. M. D.	161	101	59	795	21	37
19	Gandhinagar	231	—	—	—	—	—
Total		14,411	5,566	48	16,471	8,678	53

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Table No. 6 C (contd)

Requirement under 20 year Road Plan and Actual Road Kilometrage achieved at the end of 1970-71.

(Unit : Kilometre)

Sr. No.	District	Village Roads			Total		
		Requir- ed under 20 year Plan	Actual	Percen- tage of actual roads in relation with require- ment	Requir- ed under 20 year Plan	Actual	Percen- tage of actual roads in relation with require- ment
1	2	15	16	17	18	19	20
1	Ahmedabad	1002	209	21	3605	1551	43
2	Ahmednagar	721	584	81	2472	1777	72
3	Kutch	1036	299	29	4068	2331	57
4	Vadra	1158	230	24	4430	1829	57
5	Jamnagar	829	238	29	3140	1575	50
6	Junagadh	1128	629	56	3767	2240	59
7	Dangs	257	267	104	663	762	115
8	Panchmahals	1270	836	66	3574	2987	84
9	Bhavnagar	1222	462	38	3729	2307	62
10	Ranach	869	227	26	2618	1471	56
11	Bhavnagar	969	1130	117	3385	2495	74
12	Mehsana	939	509	54	4035	1634	40
13	Refkot	1025	841	82	3647	2589	71
14	Poroda	1185	728	61	3412	2061	60
15	Rulsar	1672	668	79	5475	1782	73
16	Surat	→	650	→	→	2205	•
17	Sabarkantha	925	572	62	2634	1428	54
18	Surendranagar	829	538	41	2974	1397	47
19	Gandhinagar						
	Total	17036	9476	56	57628	34346	60

- Source :- (1) Fourth Five year Plan, 'Draft Report' 1970-74 for 20 year plan figures.
- (2) Actual road kilometres from P.W.D., Govt. of Gujarat, Gandhinagar.

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Table No. 7

Percentage of villages According to Availability of Approach Road.

(as on 31.3.71)

Sr. No.	District	percentage of villages.					Total
		on the main road	without approach road	with approach road but without necessa- ry cov- rts & bridges	with approach road but having necessa- ry col- verts & bridges	with approach roads	
1	2	3	4	5	6	7	
1	Ahmedabad	21.5	46.5	10.9	21.5	100.0	
2	Anreli	24.0	49.5	19.1	7.6	100.0	
3	Kutch	30.5	39.0	23.8	6.7	100.0	
4	Tarapur	22.1	34.5	20.2	25.2	100.0	
5	Gandhinagar	13.9	2.5	82.3	1.3	100.0	
6	Jamnagar	9.7	67.1	14.0	9.2	100.0	
7	Junagadh	26.3	61.7	7.3	4.7	100.0	
8	Dangs	31.7	3.9	58.4	8.0	100.0	
9	Panchmahals	17.2	37.2	32.7	12.9	100.0	
10	Banskantha	19.2	74.5	5.8	0.5	100.0	

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TABLE NO. 7. *Continued*

1	2	3	4	5	6	7
11	Panch	16.5	51.8	20.1	11.8	100.0
12	Rhunegar	26.0	48.1	13.5	12.4	100.0
13	Mehsana	10.7	72.5	5.8	11.0	100.0
14	Rajkot	19.4	50.9	17.9	11.8	100.0
15	Boroda	24.8	60.6	6.9	7.7	100.0
16	Bulsar	25.4	22.6	10.2	41.8	100.0
17	Sambanthia	23.8	53.5	32.6	10.3	100.0
18	Surat	25.6	28.5	19.9	26.0	100.0
19	Surendranagar	20.2	54.4	19.8	5.6	100.0
	Gujarat State	21.4	47.8	18.2	12.8	100.0

Source :- District Statistical office.

Table No. 8

LIST OF MAJOR ROAD LINKS WITH ADJOINING STATES

(as on 31/3/71)

Sr. No.	Name of roads	Category of road	Name of the adjoining State
1	2	3	4
1	Delhi-Mumbai-Bombay road	N.H.	Rajasthan-Maharashtra
2	Rajkot-Morbi-Vadodara road Surat road	N.H.	Rajasthan
3	Gandhinagar-Valsana-Palanpur-Shu road	S.H.	Rajasthan
4	Himmatnagar-Iidan-Khetrana-Ambantra Mount Abu road	S.H.	Rajasthan
5	Nadiad-Dekon-Godhra-Bhuj Intra Road	S.H.	Madhya Pradesh
6	Dhodad-Mirajpur road	S.H.	Madhya Pradesh
7	Ponda-Dabholi-Satara-Solapur Mirajpur road	S.H.	Madhya Pradesh
8	Chiplun-Niksal-Nasik road	S.H.	Maharashtra
9	Villimora-Chikhli-Bausida-Waghela Nasik road	S.H.	Maharashtra
10	Surat-Bardoli-Vyarall-Dholi road	S.H.	Maharashtra

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Table No. 8 (contd)

1 2 3 4

11	Akleshwar Kosadil Netrang Sagara, Akkalkuwa Talod Shinde Road	S.H.	Maharashtra
12	Jhalod Ranswara Road.	S.H.	Rajasthan
13	Tosina Abu road	M. D. R.	Rajasthan
14	Nawadi Kavant Renda Road	M. D. R.	Madhya pradesh
15	Mhwa Nawanur Road	M. D. R.	Maharashtra
16	Tharmour Surgana Road	M. D. R.	Maharashtra

Source :- P.W.D. Govt of Gujarat,
Gandhinagar.

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SECTION I-II
MAP TRANSPORT

LSP/

TABLE NO. 9

NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE OF VEHICLE.

Sr. No.	Type of vehicles	Number of motor vehicles registered as on			
		31.3.61	31.3.65	31.3.66	31.3.67
1	Motor cycles	7137	14,908	18,730	22,144
2	Motor cars including Jeeps	15,613	21,153	23,372	25,718
3	Taxi cabs	675	870	1,265	1,486
4	Auto-rickshaws	1,106	2,498	5,257	5,926
5	Stage carriages	2,287	3,470	5,895	3,977
6	Lorries	12,068	14,155	15,705	17,320
7	Tractors	1,220	3,654	4,984	5,679
8	Trailers	596	2,969	3,988	4,605
9	Others	1,495	1,203	1,235	1,367
Total		42,195	64,860	78,411	86,002

contd..

TABLE NO. 9

NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE OF VEHICLES

Sr. No.	Type of vehicles	Number of motor vehicles registered as on			
		31.3.68	31.3.69	31.3.70	31.3.71
1	2	7	8	9	10
1	Motor cycles	27,138	32,414	40,012	49,934
2	Motor car including Jeeps	27,896	30,241	33,719	36,626
3	Taxi cabs	1,814	1,458	1,447	1,869
4	Auto rickshaws	4,815	5,886	6,537	7,692
5	Stage carriages	4,407	4,880	5,322	5,563
6	Lorries	19091	20,201	22,352	24,845
7	Tractors	6,871	8,350	10,042	12,232
8	Trailers	5,183	5,967	6,752	7,991
9	Others	1,062	1,550	1,259	1,357
Total		98,255	1,10,945	126,713	1,47,967

Source :— Director of Transport, Gujarat State,
Ahmedabad.

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TABLE No. 10

NUMBER OF MOTOR VEHICLES ON ROADS.

Sr. No.	Type of vehicles	Number of vehicles on roads as on				
		31.3.65	31.3.66	31.3.67	31.3.68	31.3.69
1	2	2	3	4	5	6
1	Motor cycles	13,854	16,697	18,506	23,920	29,174
2	Motor cars includ- ing Jeeps.	17,254	16,828	21,942	22,932	24,813
3	Taxi cabs	779	772	1,109	1,118	1,158
4	Auto Rickshaws	2,336	3,087	3,634	3,686	5,061
5	Start? carriages	3,216	3,371	3,687	3,710	4,096
6	Lorries	10,173	11,741	11,251	12,704	14,221
7	Tractors	2,426	2,423	2,423	6,372	6,773
8	Trailers	1,360	1,759	2,654	3,681	2,319
9	Others	1,066	1,044	1,356	1,857	227
10	Total	82,454	87,712	89,210	77,775	88,571

Source:- Director of Transport, Guntur State,
Andhra Prd.

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TABLE No. 11

NUMBER OF REGULAR INTER - STATE, PERMITS GRANTED TO GOODS VEHICLES TO OPERATE ON
INTER - STATE, ROUTES

Sr. No.	Name of State	31-12-52			31-12-53			31-3-55			31-3-56		
		Pub. c.	P. c.	Pub. c.	Pub. c.	P. c.	Pub. c.	Pub. c.	P. c.	Pub. c.	Pub. c.	P. c.	P. c.
1	2	5	4	5	6	7	8	9	10	11	12	13	14
1	Maharashtra	335	17	350	24	296	22	294	25	25	25	25	25
2	Rajasthan	93	-	115	4	99	7	115	5	5	5	5	5
3	Madhya Pradesh	23	-	68	1	69	1	60	1	1	1	1	1
4	* Goa	-	-	-	-	-	-	-	-	-	-	-	-
Total.		449	17	531	29	464	30	470	30	30	30	30	30

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TABLE No. 11

NUMBER OF REGULAR INTER- STATE PERMITS GRANTED TO GOODS VEHICLES TO
OPERATE ON INTER- STATE ROUTES

Sr. No.	Name of State	ON						31-3-71	
		31-3-67			31-3-68				
		Pub. c	P. C.	Pub. c	P. C.	Pub. c	P. C.		
1		11	12	15	17	15	16	17	
2								19	
								20	
1	Maharashtra	381	24	391	19	575	35	773	
2	Rajasthan	116	4	125	2	119	3	108	
3	Madhya Pradesh	60	1	68	4	61	5	62	
4	* Goa	5	1	4	—	6	—	8 *	
								1 *	
								5 *	
								—	
	Total	560	30	588	25	761	43	951	
								44	
								1426	
								45	

Note Pub. c = Public carrier
P.C. = Private carrier
Source :- Director of Transport,
Gujarat State,
Ahmedabad.

* including Daman & Diu.

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TABLE No. 12

REVENUE FROM ROAD TRANSPORT TAXATION.

(Unit : 1000 Rs.)

Sr. No.	Year	Motor vehicle taxes and fees	Salestax on motor fuel	Passenger and goods taxes	Total
1	2	3	4	5	6
1	1961-62	24,228	9,336	9,885	43,450
2	1962-63	31,763	10,693	14,008	55,762
3	1963-64	32,500	11,160	23,440	67,100
4	1964-65	34,950	11,157	29,412	75,499
5	1965-66	39,369	14,973	34,034	88,331
6	1966-67	43,515	21,885	41,602	1,07,002
7	1967-68	48,581	23,230	50,198	1,21,955
8	1968-69	55,058	25,581	59,895	1,40,534
9	1969-70	62,897	25,009	69,475	1,57,381
10	1970-71	71,557	38,855	87,069	1,97,281

Source :- (1) Director of Transport,
Gujarat State,
Ahmedabad.

(2) "Civil Budget"
Gujarat State, 1971-72.

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TABLE No. 13

AVERAGE NO. OF VEHICLES HELD, AVERAGE SEATING CAPACITY,
PERCENTAGE FLEET UTILISATION, AVERAGE VEHICLE UTILISATION
BY G.S.R.T.C.

Sr. No.	Year	Average No. of vehicles held	Average No. of vehicles on roads	Average seating capacity	Percen- tage fleet utili- sation	Average vehicle utilisa- tion (in Kms.)
1	2	3	4	5	6	7
1	1960-61	1703	1174	40.1	68.9	171.4
2	1961-62	1737	1195	41.6	68.7	181.4
3	1962-63	1888	1361	43.1	72.1	190.7
4	1963-64	2104	1518	43.8	72.1	198.6
5	1964-65	2368	1672	43.9	70.6	201.8
6	1965-66	2479	1875	44.6	75.6	207.5
7	1966-67	2692	2080	45.4	77.3	212.7
8	1967-68	2858	2280	46.4	77.1	216.8
9	1968-69	3246	2526	47.5	77.8	221.3
10	1969-70	3506	2617	48.4	74.6	222.9
11	1970-71	3680	2896	48.9	78.5	233.9

Source :- Gujarat State Road Transport,
Corporation, Ahmedabad.

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TABLE No. 14

NO. OF ROUTES, ROUTE KILOMETRES, NO. OF SCHEDULES,
EFFECTIVE KILOMETRES AND DEAD KILOMETRES, G.S.R.T.C.

Sr. No.	Year	No. of Routes 5	Route Kilometres 4	Avg. route distance in Kms. 5	No. of schedules 6
1	1960-61	1,774	66,808	37.86	1,354
2	1961-62	1,911	77,245	40.42	1,425
3	1962-63	2,269	94,127	41.47	1,595
4	1963-64	2,482	1,02,958	41.47	1,776
5	1964-65	2,752	1,17,186	42.58	1,955
6	1965-66	3,148	1,35,768	43.47	2,171
7	1966-67	3,529	1,52,505	43.24	2,359
8	1967-68	3,875	1,71,559	44.50	2,526
9	1968-69	4,235	1,89,524	44.70	2,715
10	1969-70	4,651	2,10,626	45.29	2,875
11	1970-71	5,404	2,45,044	45.53	31,73

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TABLE No. 14 (contd.)

Sr. No.	Year	Gross Kms. in laths	Effective Kms. in Laths	Dead Kms. in laths	Percentage of dead Kms. to effective Kms.
		7	8	9	10
1	2				
1	1960-61	739.16	723.40	10.76	2.22
2	1961-62	792.68	781.92	10.76	1.33
3	1962-63	952.02	941.82	10.20	1.08
4	1963-64	1093.03	1082.86	10.97	1.01
5	1964-65	1234.40	1222.99	11.41	0.93
6	1965-66	1423.44	1410.13	13.32	0.34
7	1966-67	1617.41	1602.20	15.21	0.95
8	1967-68	1812.67	1799.54	20.53	1.13
9	1968-69	2053.46	2028.76	24.70	1.22
10	1969-70	2140.45	2114.52	25.95	1.23
11	1970-71	2422.55	2453.17	29.58	1.20

Source :- Gujarat State Road Transport Corporation,
Ahmedabad.

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TABLE No. 15

NO. OF PASSENGERS CARRIED, AVERAGE DISTANCE TRAVELED BY A
PASSENGER, AVERAGE EARNINGS PER PASSENGER, EARNINGS PER
PASSENGER PER KILOMETRE, G.S.R.T.C.

Sr. No.	Year	No. of passengers carried	Avg. distance travelled by a passenger	Avg. earnings per passenger (in paisa)	Earnings per pas- senger per Km. (in paisa)
1	2	3	4	5	6
1	1960-61	1493.90	14.58	45.88	3.15
2	1961-62	1574.62	14.48	45.25	3.13
3	1962-63	1861.67	15.18	47.40	3.15
4	1963-64	2057.77	15.57	51.47	3.51
5	1964-65	2009.22	16.17	54.81	3.59
6	1965-66	2681.40	16.48	55.75	3.58
7	1966-67	3083.44	16.96	57.49	3.59
8	1967-68	3596.85	16.74	61.36	3.67
9	1968-69	3991.30	17.12	66.89	3.91
10	1969-70	4444.36	16.80	65.70	3.91
11	1970-71	5064.66	17.55	67.82	3.91

Source :- Gujarat State Road,
Transport Corporation,
Ahmedabad.

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Table No. 16.

GROSS REVENUE, NET REVENUE, COST OF OPERATION

G.S.R.T.C.

(Unit : Lakh of Rs.)

Sr.

No.	Year	Gross revenue	Total operating cost	Net revenue	Operating ratio col. 4 x 100 Col. 5
1	2	3	4	5	6
1	1960-61	644.53	531.77	62.62	90.28
2	1961-62	767.34	735.59	31.75	95.86
3	1962-63	941.22	872.80	68.42	92.75
4	1963-64	1,113.19	1,052.59	60.60	94.85
5	1964-65	1,317.18	1,212.50	104.68	92.05
6	1965-66	1,559.14	1,469.71	89.43	94.26
7	1966-67	1,839.07	1,848.34	9.27	100.50
8	1967-68	2,282.66	2,183.24	99.42	95.85
9	1968-69	2,741.48	2,617.68	123.80	95.48
10	1969-70	3028.62	2,812.21	216.41	92.85
11	1970-71	3563.59	3,351.90	231.59	93.50

Source :- Gujarat State road Transport Corporation,
Ahmedabad.

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Table No. 17

Analysis of cost of operation per bus Kilometre G.S.R.T.C.

Sr. No.	Item	cost of operation per bus	Percentage to total	Cost of operation per bus	Percentage to total	Cost of operation per bus Kilometre (in paise)	Percentage to total Kilometre (in paise)	Year 1968-69	Year 1969-70	Year 1970-71
(A) Operating Expenses.										
1	Salaries & allowances	30.51	22.9	31.31	22.4	31.89	22.5			
2	Welfare & Superannuation charges	3.86	2.9	4.08	2.9	4.28	3.0			
3	Stores									
a.	Spare parts	6.45	4.9	4.75	3.4	5.45	3.8			
b.	Tyres & tubes	9.45	7.1	10.61	7.6	10.34	7.5			
c.	Other stores	3.20	2.4	3.05	2.2	3.34	2.4			
4	Reconditioning & repairs	3.04	2.3	2.61	1.9	2.22	1.6			
5	Fuel (Power)	10.48	15.9	18.53	13.2	19.47	15.7			
6	Taxes									
	a. Passenger tax	24.59	18.6	27.84	19.9	29.88	21.1			

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Table No. 17. (cont'd.)

		1	2	3	4	5	6	7	8	9	10	Total & (1 to 10)
6	Taxes											
b.	Motor vehicles tax	3.59		2.7		3.58		2.5		3.26		2.5
c.	Rates & Taxes	0.74		0.6		0.68		0.5		0.51		0.4
7	Rent	0.30		0.2		0.32		0.2		0.29		0.2
	Interest on loans	0.22		0.2		0.24		0.4		0.11		0.1
	Depreciation											
(1)	of vehicles	12.63		9.7		12.87		9.2		13.23		7.3
(11)	On other assets	0.73		0.6		0.81		0.5		0.87		0.6
10	General charges & other charges	6.12		4.6		5.92		4.2		5.99		4.2
		123.74		93.6		127.48		91.1		131.15		92.5

cont'd. 3/4

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Table No. 17 (contd.)

	1	2	3	4	5	6	7	8
B Non-Operating Expenses								
11 Debt charges	0.82	0.6	0.96	0.7	0.84	0.6		
12 Interest on capital	4.05	3.0	4.21	3.0	3.71	2.6		
13 Income-tax	2.34	1.7	5.86	4.2	5.06	3.6		
14 Provision for:								
(a) Clearance of stock adjustment account	0.20	0.2	0.20	0.1	0.02	0.0		
(b) Development reserve, reserve.	0.08	0.1	0.09	0.1	0.06	0.0		
(c) Obsolete stores	0.21	0.2	0.13	0.1	0.08	0.1		
(d) Bad and doubtful debts	-	-	-	-	-	-		
(e) Starting fund	0.76	0.6	1.09	0.7	0.94	0.7		
Total B. (11 to 14)	8.46	6.4	12.54	8.9	10.71	7.5		
Grand Total	132.20	100.0	140.02	100.0	141.86	100.0		

Source :- Gujarat State Road Transport Corporation,
Ahmedabad.

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Table No. 18

**FINANCIAL RESULTS OF GUJARAT STATE ROAD
TRANSPORT CORPORATION G.S.R.T.C.**

(Unit :- 1 lacs of Rs.)

Sr. No.	Item	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66
1	2	3	4	5	6	7	8
1	Gross revenue receipts	644.38	767.34	941.22	1113.19	1,517.18	1,559.14
2	Revenue expenditure	531.99	637.03	756.86	924.38	1,068.60	1,304.52
3	Gross margin	112.39	130.31	184.36	188.81	248.58	254.62
4	Depreciation	75.58	101.27	118.08	129.86	145.24	165.75
5	Net margin	36.81	29.04	66.28	58.95	103.34	88.87

contd. 2,-

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TABLE NO.18 (contd)

	1	2	9	10	11	12	13
1 Gross revenue receipts		1,839.07	2,282.66	2,741.48	3028.62	3563.59	
2 Revenue expenditure	1,662.76	1,955.92	2,248.61	2413.46	2874.18		
3 Gross margin	176.31	326.74	494.87	615.16	689.43		
4 Depreciation	196.18	234.34	272.12	289.29	346.10		
5 Net margin		19.87	92.40	222.75	325.87	343.33	

Source :- Gujarat State Road Transport Corporation,
Ahmedabad.

Note :- For the year 1966-67, 1967-68
the figures for item No. 2, 3
and 5 have been revised.

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Table No. 19 - A

DISTRICT WISE POSITION OF STATE TRANSPORT SERVICES TO VILLAGES

(As on 31/3/59)

Sr. No.	Name of District	Total No. of Villages served	Total No. of Villages served			No. of Villages served			No. of Villages served		
			Travelling During the year	Total fair season only	up to 1/2 Kms.	up to 1/2 Kms.	up to 1/2 Kms.	up to 1/2 Kms.	up to 1/2 Kms.	up to 1/2 Kms.	up to 1/2 Kms.
1	Ahmedabad (a)	751	241	285	526	32	35	47	47	47	47
			(32.09)	(37.95)	(70.04)	(4.26)	(4.66)				(6.26)
(b)	Baroda (a)	22,10,193	17,46,003	3,28,694	20,74,697	26496	2,3532	26891			
			(78.09)	(14.87)	(93.86)	(1.20)	(1.16)	(1.22)			
2	Surat (a)	808	194	264	458	-	3	30	30	30	30
			(31.91)	(23.42)	(75.55)	-	(0.42)				(4.95)
(b)	Vadodara (a)	6,67,623	3,67,715	2,31,001	6,00,704	-	1081	13518			
			(55.37)	(34.52)	(89.96)	-	(0.12)	(2.04)			

cont'd.

Table No. 19 - A (contd.)

DISTRICT WISE POSITION OF STATE TRANSPORT SERVICES TO VILLAGES

		No. of villages availing of S.T. services from the nearest bus stop at a distance of 2 to 3 Kms. upto 3 Kms. Total 3 to 4 Kms. 4 to 5 Kms. 5 and above Kms. Total beyond 5 Kms. col. 11+15 3 Kms.						(As on 31/3/57)	
Sr. No.	Name of District	1	2	3	4	5	6	7	8
1	Ahmedabad (a)	32	166	29	15	17	59	225	
	(6.65)	(22.10)	(3.86)	(1.73)	(2.27)		(7.88)		(29.96)
(b)	2962	1,08,641	14018	5255	7587	26,861		1,35,592	
	(1.34)	(4.92)	(0.63)	(0.24)	(0.35)	(1.22)		(6.14)	
2	Aurangabad (a)	33	71	25	7	47	73	150	
	(6.26)	(11.68)	(4.11)	(1.15)	(7.73)		(12.99)		(24.67)
(b)	14,239	23,938	11541	2027	2423	38091		67029	
	(2.13)	(4.35)	(1.73)	(0.31)	(3.67)	(5.71)		(10.04)	

Table No. 1^a - 3 (cont'd.)

			1	2	3	4	5	6	7	8	9	
3	Kutch	(a)	911	211			369	571	-	44	53	
					(20)	(33.85)	(62.70)	-		(4.60)	(5.80)	
		(b)	76,95,440	3,87,819	237,198	6,25,017	-		14,055	8954		
				(55.50)	(34.10)	(89.70)	-		(2.00)	(1.30)		
4	Katra	(a)	982	344	308	432	84	111	108			
				(35.05)	(31.55)	(56.33)	(8.55)	(11.20)		(11.00)		
		(b)	10,77,549	12,20,463	4,03,742	17,20,235	78034	85522	77022			
				(61.71)	(25.23)	(36.90)	(3.95)	(4.34)		(3.89)		
5	Jamnagar	(a)	716	120	229	449	6	20	49			
				(16.76)	(45.95)	(62.71)	(0.84)	(2.79)		(6.84)		
		(b)	6,28,410	4,27,505	2,75,866	7,00,371	2488	12288	28,168			
				(51.12)	(33.42)	(54.54)	(0.30)	(1.24)		(3.40)		

Table No. 12-A (cont'd.)

		2	10	12	13	14	15	16
Kutch	(a)	91	186	37	49	68	154	340
	(10.36)	(20.40)	(4.10)	(5.40)	(7.40)	(16.90)	(37.5)	
(b)	19,813	42,523	6205	10047	12348	23600	71423	
	(2.80)	(6.10)	(0.90)	(1.40)	(1.80)	(4.20)	(10.30)	
Katra	(a)	17	320	4	5	5	10	530
	(1.73)	(32.58)	(0.42)	(0.50)	(0.30)	(1.02)	(35.61)	
(b)	10841	2,01,829	2297	1297	1902	5496	2,57,335	
	(0.55)	(12.73)	(0.11)	(0.07)	(0.10)	(0.28)	(15.01)	
Jamnagar	(a)	71	146	42	21	58	121	267
	(9.92)	(20.30)	(5.87)	(2.95)	(8.10)	(16.90)	(37.29)	
(b)	53,872	74,616	19,830	9134	24,268	53,232	1,28,048	
	(4.09)	(3.05)	(2.39)	(1.11)	(2.93)	(6.45)	(15.46)	

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Table No. 19 (cont'd.)

			1	2	3	4	5	6	7	8	9
6	Jungach	(a)	1086	350		446	796	-		10	53
					(32.33)	(41.07) (73.30)		-		(0.92) (1.27)	
		(b)	12,45,643	7,51,675		3,72,131 11,22,806		-		58.52	174.52
					(60.34)	(32.57) (35.70)		-		(0.47) (2.17)	

cont'd.

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Table No. 19 - A (continued.)

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Table No. 19 - A (cont'd.)

7	Dangs	(a)	512	73	25	93	-	-	36
				(23.49)	(3.01)	(51.41)	-	-	(11.54)
(b)	71567		25069	6459	31555	-	-	-	5669
			(35.07)	(0.03)	(41.10)	-	-	-	(7.32)
2	2 anchimahals (a)	1323	354	203	663	15	123	324	
			(18.41)	(16.07)	(51.45)	(0.78)	(6.40)	(15.85)	
(b)	1466945		51752	30793	825579	7112	71657	152553	
			(55.71)	(27.49)	(55.20)	(0.53)	(4.96)	(10.40)	
2	Remark with a (a)	1363	404	231	635	5	37	109	
			(27.61)	(16.95)	(46.59)	(0.22)	(2.35)	(8.00)	
(b)	996144		228126	166031	664157	620	1595	44530	
			(56.7)	(16.68)	(66.68)	(0.56)	(1.46)	(4.47)	

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Table No. 19 - A (cont'd.)

1	2	10	11	12	13	14	15	16								
7	Dengs	(a)	5 (1.60)	41 (13.14)	43 (13.78)	29 (9.30)	101 (32.37)	173 (55.45)	214 (65.59)							
		(b)	1426 (1.99)	7095 (9.91)	6716 (9.38)	5381 (8.22)	20517 (28.30)	32914 (45.99)	40779 (55.90)							
8	Pachimals	(a)	277 (14.40)	739 (38.45)	129 (6.71)	156 (8.11)	236 (12.27)	321 (28.09)	1260 (65.52)							
		(b)	144741 (9.80)	375773 (25.60)	53551 (4.00)	83517 (5.60)	125726 (8.60)	267594 (18.20)	645357 (43.80)							
9	Bantak antifa	(a)	150 (11.00)	294 (21.57)	119 (9.73)	94 (6.90)	221 (16.21)	434 (31.84)	728 (53.41)							
		(b)	65416 (6.57)	125160 (12.55)	51433 (5.15)	44128 (4.43)	111266 (11.17)	206827 (20.76)	331,987 (53.32)							

Table No. 19 A (cont'd.)

Table No. 19-1 (cont'd.)

10	Broadb	(a)	40	226	107	95	161	353	539
			(3.28)	(18.51)	(9.76)	(7.78)	(13.19)	(20.75)	(49.24)
	(b)	20460	10403	36969	29192	37255	1,03,416	2,08,319	
		(2.29)	(11.76)	(4.14)	(3.27)	(4.18)	(11.50)	(25.35)	
11	Bhav Nagar	(a)	68	117	42	40	46	128	245
			(7.60)	(13.08)	(4.70)	(4.47)	(5.15)	(14.32)	(27.40)
	(b)	29189	57800	20,32	16,703	20,212	57,717	1,15,517	
		(2.61)	(5.15)	(1.88)	(1.49)	(1.60)	(5.15)	(10.31)	
12	Mehsana	(a)	79	203	72	25	17	114	317
		(7.04)	(18.08)	(6.41)	(2.23)	(1.51)	(10.15)	(28.25)	
	(b)	41452	113789	36575	12,135	10,821	59,532	1,73,321	
		(2.45)	(6.43)	(2.15)	(0.72)	(0.65)	(3.53)	(10.26)	

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Table No. 19 - A (cont'd.)

15	Reffkot (a)	869	261	330	501	24	37	39
		(30.03)	(37.08)	(68.01)	(2.75)	(4.26)	(7.04)	
(b)	1208519	91733	25516	107205	18359	18221	31712	
		(67.61)	(21.17)	(33.71)	(1.52)	(1.51)	(2.62)	
14	Rondo (a)	1700	257	424	681	8	117	273
		(15.12)	(24.74)	(40.06)	(0.47)	(2.0)	(16.35)	
(b)	1527326	82161	32175	112735	5202	40325	15125	
		(45.71)	(20.17)	(73.81)	(0.34)	(5.26)	(7.31)	
15	Falls at (a)	942	228	201	29	2	21	72
		(27.08)	(23.07)	(50.05)	(0.24)	(2.40)	(0.55)	
(b)	1137721	52115	264577	804572	3454	2254	63775	
		(47.47)	(33.25)	(71.72)	(0.31)	(2.57)	(0.73)	

Table No. 19 - A (cont'd.)

			10	11	12	13	14	15	16
13	Reffot	(a)	91	221	29	15	15	57	278
		(10.47)	(25.43)	(3.34)	(1.50)	(1.72)	(6.55)	(31.99)	
(b)		39498	107790	14123	5068	9489	28,680	1,36,470	
		(3.27)	(8.92)	(1.17)	(0.42)	(0.78)	(2.37)	(11.29)	
14	Bardoda	(a)	260	665	82	96	178	355	1019
		(15.30)	(39.00)	(4.82)	(5.65)	(10.47)	(20.94)	(59.94)	
(b)		104458	280208	31169	36535	52048	119753	3,99,961	
		(6.84)	(18.35)	(2.04)	(2.39)	(3.41)	(7.84)	(26.19)	
15	Bullock	(a)	45	158	65	35	174	275	413
		(5.11)	(16.39)	(7.72)	(4.28)	(20.66)	(32.66)	(49.05)	
(b)		45587	145495	59824	25588	104202	1,87,614	3,33,109	
		(3.84)	(12.79)	(5.08)	(2.25)	(9.16)	(16.49)	(29.28)	

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Table No. 19 - 4 (contd.)

		1	2	3	4	5	6	7	8	
16	Sabarakantha (a)	1505	207	622	829	35	95	274		
			(13.75)	(41.33)	(55.08)	(2.33)	(6.31)	(17.55)		
(b)	913567	280159	425433	705542	12013	30067	55213			
		(30.61)	(46.12)	(76.32)	(1.31)	(3.27)	(3.01)			
17	Surat (a)	1287	297	357	632	8	39	137		
		(23.08)	(26.17)	(40.26)	(0.62)	(3.03)	(10.64)			
(b)	131323	706461	286519	993700	4473	17469	67521			
		(53.77)	(21.81)	(75.50)	(0.34)	(1.33)	(5.13)			
18	Surendranagar (a)	372	117	237	404	5	21	30		
		(17.41)	(42.71)	(60.12)	(7.74)	(3.15)	(4.46)			
(b)	307769	241403	542562	1564	11002	14996				
		(46.30)	(36.41)	(32.71)	(7.24)	(1.66)	(2.24)			

Table No. 19 - A (contd.)

			1	2	10	11	12	13	14	15	16	17	
16	Sankarathia (a)	146	480		78	62		58		196	676		
	(9.70)	(51.89)			(5.18)		(4.15)		(5.72)		(13.03)		(44.92)
	(b)	44124	141422		28134	24220		19169		71523	212345		
	(4.81)	(15.40)	(3.96)		(3.64)		(2.64)		(2.08)		(7.78)		(23.18)
17	Surat (a)	47	251		152	126		144		422	653		
	(3.66)	(17.95)			(11.81)		(9.79)		(11.19)		(32.79)		(50.74)
	(b)	25541	114793		54894	61699		59447		206730	320823		
	(1.94)	(8.74)	(6.46)		(4.70)		(4.52)		(15.63)		(23.42)		
18	Surendranagar (a)	59	115		53	41		59		153	268		
	(3.78)	(17.11)			(7.89)		(6.10)		(8.78)		(22.77)		(39.88)
	(b)	26403	5370		19146	14451		27177		60774	114644		
	(3.93)	(6.12)	(2.89)		(2.13)		(4.10)		(9.17)		(17.29)		

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Table No. 19 - A (cont'd.)

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Table No. 19 - A (contd.)

1	2	10	11	12	13	14	15	16
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Gujarat State (a)	1849	4540	1164	924	E.51	3724	8252
(8.79)	(24.19)	(6.21)	(4.94)	(8.69)	(11.84)	(44.03)	
(b) 7,44,954 (3.60)	22,18,281 (17.75)	5,21,368 (2.52)	3,91,168 (1.90)	6,74,529 (3.27)	15,97,365 (7.69)	307546 (18.44)	

Note :-- Bracketed figures show the percentage to total.

Source :-- Gujarat State Road Transport Corporation,
Mumbai.

B agarwal /

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Table No. 19 - B

DISTRICT WISE POSITION OF STATE TRANSPORT SERVICES TO VILLAGES. (As on 31-12-1951)

Sr. No.	Name of District	Total No. of villages in each dist.	Total No. of villages in each dist.	Number of villages served			Distance of bus stop from the bus station		
				(a) No. of villages only	Through the year	During the season only	Total	upto 1/2 1 Km.	1/2 to 1 Km.
1	Ambedkar (a)	751	196	353	582	26	27	39	
			(26.10)	(47.40)	(73.56)	(3.33)	(3.60)	(5.19)	
	(b)	2210199	1676635	423076	234131	16317	14315	12477	
			(75.86)	(19.37)	(25.55)	(0.83)	(0.67)	(0.84)	
2	Surat (a)	678	205	272	477	-	5	27	
			(33.72)	(44.74)	(78.46)	-	(0.49)	(4.44)	
	(b)	667823	381255	234635	612001	-	1081	11746	
			(57.07)	(34.68)	(91.75)	-	(0.17)	(1.77)	

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Table No. 19 - B (cont'd.)

Sr. No.	Name of District	No. of Villages exceeding 5.T. services from the nearest bus stop at a distance of 2 to 3 Total up to 5 Kms.					Sand Kms.	Total beyond 5 Kms.	Total of (Col. 11+15)
		3 to 4 Kms.	4 to 5 Kms.	Sand above Kms.	Total beyond 5 Kms.				
1	Ambedkar (a)	46 (6.12)	157 (18.24)	29 (3.86)	19 (2.55)	14 (1.87)	62 (3.26)	199 (26.50)	
	(b)	23729 (1.07)	75457 (3.41)	14010 (0.64)	8489 (0.38)	7532 (0.34)	30051 (1.36)	105488 (4.77)	
2	Mareli (a)	35 (5.76)	65 (10.69)	18 (2.95)	4 (0.66)	4 (7.24)	66 (10.85)	131 (21.54)	
	(b)	11595 (1.74)	24422 (3.68)	6948 (1.04)	906 (0.14)	22656 (3.39)	30510 (4.57)	54932 (8.25)	

Table No. 19 - B (contd.)

		No. 77.						
		1	2	3	4	5	6	7
3	Kutch (a)	911	214	368	502	-	-	41
		(23.49)	(47.39)	(63.88)	-	-	-	(4.51)
(b)	626440	389033	241550	630653	-	-	-	12620
		(55.07)	(34.69)	(97.55)	-	-	-	(4.51)
4	Kadra (a)	982	345	320	665	81	101	108
		(35.13)	(32.59)	(47.72)	(3.25)	(10.28)	(11.37)	
(b)	1977540	1217139	529362	77160	66455	70747		
		(61.55)	(26.70)	(7.32)	(3.90)	(3.36)	(3.57)	
5	Jamnagar (a)	713	120	331	551	6	20	45
		(16.76)	(46.24)	(63.00)	(0.24)	(2.79)	(6.71)	
(b)	827113	423505	280255	72570	2458	10283	26723	
		(51.12)	(33.32)	(3.91)	(0.30)	(1.24)	(3.24)	

Table No. 19 - B (cont'd.)

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Table No. 19 - B (cont'd.)

1	2	3	4	5	6	7			
6 Junagadh	(a)	1086	351	471	822	-	9	55	
			(32.32)	(43.37)	(75.69)	-	(7.73)	(7.08)	
(b)	1245.43	755.11	752.41	1155.32	-	-	5.5	70.51	
		(80.45)	(72.47)	(91.97)	-	(0.47)	(1.79)		
7 Dang	(a)	312	73	77	103	-	-	35	
			(25.06)	(7.11)	(35.04)	-	-	(4.72)	
(b)	715.7	250.9	77.1	327.9	1	-	-	22.1	
		(35.07)	(7.73)	(45.70)	-	-	-	(7.74)	

Table No. 19 - B (cont'd.)

1	2											
		10	11	12	13	14	15	16				
6	Jungesh	(a)	104 (9.58)	168 (15.47)	48 (4.42)	20 (1.84)	28 (2.58)	96 (8.84)	264 (24.51)			
		(b)	4394 (3.51)	72013 (5.78)	17467 (1.40)	4147 (0.34)	6384 (0.51)	27998 (2.25)	100011 (8.05)			
7	Dangs	(a)	5 (1.60)	40 (12.82)	43 (13.78)	29 (9.30)	97 (31.79)	169 (54.17)	209 (66.99)			
		(b)	1426 (1.99)	6987 (9.76)	6716 (9.38)	5381 (8.22)	19275 (26.94)	31872 (44.54)	39959 (54.35)			

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Table No. 19 .. (cont'd.)

			1	2	3	4	5	6	7	8	9	10
8	Pachmehals	(a)	1923	394	311	743	12	112	32			
				(20.42)	(17.12)	(30.63)	(7.65)	(5.82)	(13.1)			
(b)	1467946		584242 (39.77)	217573 (50.35)	871752 (50.35)	6132 (0.42)	62117 (4.23)	17517 (3.43)				
9	Fennskantha	(a)	173	410	264	674	5	31	105			
				(30.06)	(19.37)	(40.45)	(7.22)	(2.25)	(7.70)			
(b)	571490		20711 (50.34)	20711 (50.30)	701756 (70.75)	629	1021	6171				
10	Brotash	(a)	1221	237	417	627	23	45	109			
				(10.41)	(33.51)	(32.71)	(1.83)	(5.69)	(8.95)			
(b)	374755		321750 (41.94)	605114 (35.99)	7047 (77.73)	20347 (7.71)	49877 (2.20)	(5.48)				

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Table No. 19 - B (cont'd.)

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Table No. 19 - B (contd.)

			1	2	3	4	5	6	7	8	9
11	Bhavnagar	(a)	894	312	389	701	1	12	32		
				(34.90)	(43.51)	(73.01)	(0.11)	(1.34)		(3.56)	
(b)	1119435			73090	305765	1035045	98	5049	17457		
				(65.22)	(27.31)	(92.51)	(0.01)	(0.45)		(1.58)	
12	Mehsana	(a)	1123	459	390	849	4	31	78		
				(40.87)	(34.73)	(75.36)	(0.36)	(2.76)		(6.95)	
(b)	120293			110922	447048	1547380	1750	16148	44706		
				(65.15)	(26.45)	(91.60)	(0.10)	(0.96)		(2.65)	
13	Rajkot	(a)	809	262	350	612	21	35	64		
				(57.35)	(47.26)	(70.42)	(2.41)	(4.03)		(7.57)	
(b)	1200549			267663	1085584	15715	16151	26105			
				(67.68)	(22.15)	(89.83)	(1.31)	(1.33)		(2.33)	

Table No. 10 - B (contd.)

1	2															
		10	11	12	13	14	15	16								
11	Bhavnagar	(a)	63	108	36	27	22	85								
		(7.05)	(12.08)	(4.05)	(3.02)	(2.46)	(9.51)	(21.59)								
		(b)	25195	47829	15456	11132	9165	35751	83580							
			(2.26)	(4.28)	(1.33)	(0.99)	(0.82)	(3.19)	(7.47)							
12	Mumbai	(a)	69	182	53	23	12	92	274							
		(6.14)	(16.22)	(5.15)	(1.05)	(1.07)	(8.15)	(24.41)								
		(b)	33235	98830	28553	9457	5299	43144	141683							
			(2.14)	(5.85)	(1.68)	(0.56)	(0.31)	(2.55)	(8.40)							
13	Rajkot	(a)	85	205	27	11	14	52	257							
		(9.78)	(25.59)	(3.11)	(1.27)	(1.61)	(5.99)	(20.55)								
		(b)	37045	97066	12310	4635	8823	25769	122355							
			(3.07)	(8.04)	(1.02)	(0.33)	(0.73)	(2.15)	(10.17)							

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Table No. 15 - B (cont'd.)

Table No. 19 - B (contd.)

		10	11	12	13	14	15	16
14	B ² o da	(a)	245 (14.29)	605 (55.47)	76 (4.47)	100 (5.81)	168 (9.89)	344 (20.17)
		(b)	93555 (6.13)	242767 (15.90)	286533 (1.87)	37270 (2.45)	47965 (3.14)	547 (7.46)
								356635 (23.36)
15.	Bulstar	(a)	35 (4.16)	117 (15.90)	98 (6.89)	34 (4.05)	165 (19.60)	257 (30.32)
		(b)	26599 (2.34)	97755 (8.59)	46256 (4.06)	21272 (1.69)	85285 (7.49)	574 (44.42)
								250537 (22.02)

Table No. 19-B (cont'd.)

			2	3	4	5	6	7	8	9
16	Sabarkantha	(a)	1,505	220	647	867	35	95	196	
				(14.62)	(42.98)	(57.61)	(2.33)	(6.31)	(13.02)	
		(b)	9,13,527	283640	448330	731570	10655	26620	4,121	
				(50.88)	(48.80)	(79.68)	(1.18)	(2.90)	(5.35)	
17	Surat	(a)	1,237	302	353	655	7	39	135	
				(23.47)	(27.43)	(50.30)	(0.55)	(3.05)	(10.49)	
		(b)	1,13,25	710775	353117	101432	3457	17459	66249	
				(54.09)	(23.1.)	(7.20)	(0.26)	(1.35)	(5.02)	

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Table No. 19 - B (cont'd.)

16	Sphæromantis	(a)	135	461	73	52	52	177	235											
		(8.97)	(30.95)	(4.85)	(3.45)	(3.45)	(3.45)	(11.76)	(42.30)											
(b)	30020	124776	26126	17517	13293	61941	29617													
	(4.14)	(13.57)	(2.84)	(1.92)	(2.00)	(6.75)	(20.22)													
17	Surat	(a)	45	226	146	121	129	406	632											
		(3.49)	(17.97)	(11.34)	(7.40)	(10.80)	(31.54)	(40.10)	(40.10)											
(b)	22196	123141	77831	57720	55159	190490	29631													
	(1.69)	(8.80)	(5.91)	(4.30)	(4.20)	(14.50)	(22.30)													

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Title No. 19-B (cont'd.)

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Table No. 13 - B (cont'd.)

		10	11	12	13	14	15	16
1	2							
13	Surendranagar (a)	57 (8.48)	111 (16.51)	51 (7.58)	38 (5.65)	57 (6.49)	146 (21.71)	257 (39.24)
(b)	24665 (3.71)	41142 (7.25)	17385 (2.62)	11848 (1.78)	24750 (3.75)	53935 (3.15)	102125 (15.39)	
Total of all for Gujarat State	(a) (2.21)	1541 (22.68)	4255 (5.51)	1090 (4.68)	870 (5.07)	1514 (16.51)	3474 (41.19)	7729
(b)	658546 (3.19)	163175 (2.27)	467595 (1.72)	35530 (2.66)	529725 (6.85)	1412630 (16.21)	3344275	

Total of all
for Gujarat
State

Note : Breaketed figures show
the percentage to total.

Source : Gujarat State Road
Transport Corporation,
Ahmedabad.

Begwani /

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District wise Position of State Transport Services to Villages

[Ms on 31/3/71]

Sr. No.	Name of District	Total No. of villages in each dist.	No. of villages in each dist. (A)	Total No. of villages in each dist. (B) Popula- tion	No. of villages from the narrow part of S.T. service area upto 1/2 Km. Km.	No. of villages from the narrow part of S.T. service area upto 1/2 Km. Km.	Through the year fair only	During the year fair only	Total upto 1/2 Km. Km.	14,915 (0.74)	14,915 (0.74)	21 (0.35)
1	Amravati	751	196	16,75 (26.10)	4,35 (48.34)	4,35 (74.44)	559 (3.19)	24 (5.19)	27 (0.78)	27 (0.78)	27 (0.78)	21 (0.35)
2.	Amravati	608	207	22,10,199 (b)	5,80,733 (57.01)	2,38,904 (35.78)	6,19,637 (32.78)	-	-	-	-	870 (1.20)

Table No. 19 - c (cont'd.)

District wise Position of State Transport Services to Villages

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Table No. 19 - C (cont'd.)

		1	2	3	4	5	6	7	8	9
3	Kutch	(a)	911	218	369	517	-	40	51	
				(23.94)	(40.50)	(64.44)	-	(4.39)	(5.50)	
(b)		6,96,440	3,90,794	2,42,130	6,53,114	-	11823	8725		
				(56.14)	(54.77)	(30.91)	(1.70)	(1.25)		
4.	Katra	(c)	982	351	335	337	75	57	99	
				(35.74)	(31.22)	(69.96)	(7.64)	(9.98)	(10.08)	
(b)		19,77,540	12,32,533	5,30,277	17,71,870	68,858	60,858	61,839		
				(62.55)	(27.27)	(89.60)	(3.48)	(3.07)	(3.13)	
5	Jamnagar	(d)	716	150	326	476	5	13	46	
				(27.05)	(45.53)	(66.43)	(7.43)	(2.51)	(5.42)	
(b)		8,28,419	4,53,213	2,53,660	7,22,478	1,227	9,413	23,136		
				(51.73)	(32.43)	(87.21)	(0.15)	(1.14)	(2.30)	

Table No.

19 - C (contd.)

				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
(b)	Kutch	(a)																		
			(9.44)		(19.45)		(2.82)		(5.16)		(7.15)		(16.15)		(35.55)					
(b)	Kadra	(a)																		
			(1.42)		(29.02)		(0.40)		(0.31)		(0.31)		(1.02)		(30.04)					
(b)	Jamnagar	(a)																		
			(2.80)		(12.12)		(0.11)		(0.07)		(0.10)		(0.28)		(0.40)					

Table No. 19 - c (cont'd.)

1	2	3	4	5	6	7	8	9
Junagadh	(a)	1003	351	481	832	-	9	52
			(32.32)	(44.29)	(76.61)	-	(0.85)	(4.79)
(b)	12,45,643	7,55,411	3,97,229	11,51,340	-	5858	20,877	
		(21.11)	(31.55)	(32.43)	-	(2.47)	(1.68)	
Dang	(a)	512	73	30	103	-	-	35
		(23,40)	(9.61)	(33.01)	-	-	-	(11.22)
(b)	71,557	25,069	7,609	32,708	-	-	-	5,561
		(35.07)	(10.63)	(45.70)	-	-	-	(7.77)

Table 16. 19 - C (cont'd.)

		1	2	10	11	12	13	14	15	16
6 Junegadh	(a)	99		100		47		20	27	94
		(9.11)		(14.73)		(4.55)		(1.84)	(2.49)	(8.66)
(b)		40,929		67,664		17,322		4,147	5,450	26,639
		(3.28)		(5.45)		(1.37)		(0.34)	(0.43)	(2.14)
7 Dangra	(a)	5		40		43		29	97	169
		(1.60)		(12.82)		(13.78)		(9.30)	(31.05)	(54.17)
(b)		1,426		6,987		6,715		5,831	19,275	31,872
		(1.99)		(9.75)		(9.36)		(8.22)	(25.94)	(44.54)

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Table No. 19 - C (cont'd.)

		1	2	3	4	5	6	7	8	9	10
8	Pentamials	(4)	1923	400	374	712	12	106	314		
				(20.80)	(19.45)	(40.25)	(0.64)	(5.51)	(16.32)		
(b)	14,689, 46		50,082	3,14,715	9,75,542	6,132	52,835	142,354			
				(40.25)	(21.42)	(61.64)	(0.42)	(3.60)	(9.69)		
9	Bengal Lanth.	(a)	1355	434	302	736	5	51	98		
				(31.84)	(22.16)	(54.00)	(0.22)	(2.27)	(7.19)		
(b)	996,144		521,045	231,785	75,628	629	10,421	33,819			
				(52.31)	(23.26)	(75.37)	(0.06)	(1.05)	(3.39)		
10	Broad	(a)	1221	238	433	671	22	44	102		
				(19.49)	(35.46)	(54.95)	(1.30)	(3.60)	(8.36)		
(b)	8,91,969		5,75,078	5,35,789	7,03,867	5,554	20,036	45,420			
				(42.05)	(37.42)	(79.47)	(0.62)	(2.25)	(5.09)		

Table No. 19 - C (cont'd.)

		2	10	11	12	13	14	15	16
Panchmukhi a	(a)	255	688	123	215	461			1149
		(13.31)	(55.78)	(6.40)	(6.39)	(11.18)	(23.97)		(59.75)
(b)		123,862	550,181	54,892	63,638	1,14,693	2,35,223	5,63,404	
		(8.77)	(22.48)	(5.75)	(4.34)	(7.81)	(15.88)		(35.35)
Benzalkonium a	(a)	157	269	107	80	171	558		627
		(10.06)	(19.74)	(7.85)	(5.87)	(12.54)	(28.28)		(46.00)
(b)		51,005	95,874	45,552	34,884	68,996	1,47,442	2,45,535	
		(5.15)	(9.65)	(4.57)	(3.50)	(6.93)	(14.80)		(24.45)
Broach	(a)	35	205	98	91	153	347	550	
		(2.87)	(38.65)	(8.05)	(7.45)	(12.94)	(28.42)		(45.05)
(b)		17,515	88,323	51,757	27,557	55,475	94,773	1,85,122	
		(1.94)	(9.90)	(5.58)	(5.09)	(5.98)	(10.65)		(20.55)

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Table No. 19 - C, cont'd.)

11	Bhavnagar	(a)	894	325	450	755	1	14
			(36.35)	(48.10)	(84.45)	(0.11)	(1.57)	(3.25)
		(b)	11,19,435	7,48,704	31,4,945	10,63,649	98	3,986
			(66.88)	(28.14)	(95.02)	(c.01)	(0.35)	(1.26)
12.	Suratana	(a)	123	23	424	887	4	26
			(41.22)	(37.33)	(76.98)	(0.35)	(2.32)	(5.97)
		(b)	16,89,963	11,64,239	4,76,499	15,82,768	1,750	12,76
			(65.34)	(23.32)	(93.66)	(0.10)	(0.72)	(1.89)
13.	RejNot	(a)	869	317	320	657	21	32
			(35.55)	(35.82)	(73.35)	(2.42)	(3.62)	(6.90)
		(b)	12,08,519	3,61,572	2,23,167	11,03,043	11,352	16,765
			(7.57)	(19.70)	(91.27)	(0.94)	(1.39)	(2.15)

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Table No. 19 - G (cont'd.)

			2	10	11	12	13	14	15	16
KL	Bhavnagar	(a)	50	94	26	15	4	45		139
		(5.59)	(10.52)	(2.90)	(1.68)	(0.45)		(5.05)		(15.55)
(b)		18,394	35,573	10,479	6150	2579	19,208		55,736	
		(1.64)	(3.27)	(0.94)	(0.54)	(0.23)	(1.71)		(4.98)	
■	Malsana	(a)	59	156	50	20	10	80		235
		(5.25)	(13.89)	(4.45)	(1.78)	(0.89)		(7.15)		(21.72)
(b)		26,292	72,080	22,571	7,875	4,669	35,115		107,195	
		(1.56)	(4.27)	(1.34)	(0.45)	(0.27)	(2.07)		(6.34)	
■	Rajkot	(a)	77	190	15	14	13	42		232
		(8.86)	(21.86)	(1.75)	(1.61)	(1.50)		(4.84)		(26.70)
(b)		31,157	85,589	6,287	5,944	7,835	20,087		1,05,476	
		(2.58)	(7.07)	(0.52)	(0.49)	(0.65)	(1.66)		(8.75)	

J.D.L.

Table No. 19 - C (cont'd.)

		1	2	3	4	5	6	7	8	9
14	B pro da	(a)	41.04	502	477	779	5	90	253	
			(17.76)	(28.75)	(45.82)	(0.12)	(5.29)	(14.18)		
(b)	25,00,00	7,57,15	4,53,997	11,91,133	1,743	34,205	25,39			
	(48.26)	(29.72)	(77.98)	(0.11)	(2.24)	(7.90)				
15	Posses-	()	12	24:	2:	48	1	17	b.	
			(28.62)	(30.64)	(59.26)	(0.12)	(2.02)	(7.22)		
(b)	11,27,801	5,62,314	3,59,980	9,22,194	773	15,945	43,745			
	(47.2)	(31.65)	(31.05)	(0.07)	(1.40)	(3.95)				

Table No. 19 - C (cont'd.)

			10	11	12	13	14	15	16
14	Broad	(a)	235	586	75	99	165	355	921
		(13.88)	(34.47)	(4.29)	(5.82)	(9.60)	(19.71)	(54.18)	
(b)			87,984	2,29,281	26,594	37,212	43,106	1,06,942	3,35,193
		(5.76)	(15.01)	(1.74)	(2.44)	(2.85)	(7.01)	(22.02)	
15	Bulbar	(a)	31	103	50	31	159	240	343
		(3.68)	(12.24)	(5.94)	(3.68)	(21.88)	(29.50)	(40.74)	
(b)			22,586	83,049	37,685	18,135	76,690	1,32,558	2,15,607
		(1.98)	(7.30)	(3.31)	(1.60)	(6.74)	(11.65)	(38.95)	

TABLE IV - C (cont'd.)

			1	2	3	4	5	6	7	8	9	10
16	Sabarkantha (a)	1505	220	660	880	39	95	117				
			(14.65)	(43.85)	(58.47)	(2.59)	(6.31)	(17.00)				
(b)	7,18,587	2,63,640	4,52,77	7,39,337	11,927	25,436	41,715					
		(30.86)	(40.50)	(50.36)	(1.30)	(2.71)	(5.50)					
17	Surat (a)	1287	311	308	79	8	65	122				
			(24.15)	(30.95)	(53.72)	(0.62)	(2.80)	(7.40)				
(b)	1313;23	719260	531994	1757754	4473	16,461	54710					
		(54.74)	(25.25)	(72.59)	(0.34)	(1.25)	(4.17)					

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Table No. 19 - C (cont'd.)

			10	11	12	13	14	15	16
1	Sabathatha	(a)	150	461	70	52	42	164	625
		(8.64)	(30.63)	(4.55)	(3.46)	(2.70)	(1.70)	(41.53)	
(b)		36,37	1,22,455	25,678	17,517	14,600	57,795	120,250	
		(3.96)	(13.33)	(2.80)	(1.94)	(1.58)	(6.29)	(12.62)	
17	Surat	(a)	41	207	136	112	123	3.71	573
		(3.18)	(16.08)	(10.57)	(8.70)	(9.56)	(28.83)	(44.91)	
(b)		19807	95551	69466	52429	45423	167318	262859	
		(1.51)	(7.27)	(5.29)	(3.99)	(3.46)	(12.74)	(20.01)	

Table No. 19.—C. (contd.)

		1	2	3.	4.	5	6	7	8
19	Condominum	(a)	672	160	278	438	9	22	53
				(23.1).	(41.37)	(65.18)	(1.34)	(3.37)	(4.31)
		(b)	6,63,208	3,1,501	2,11,357	5,71,357	3,6,59	15,627	11,36
				(54.35)	(31.87)	(86.23)	(7.55)	(2.53)	(1.76)

Total of
all for
Gujarat State.

(a)	18765	4257	372	11499	225	710	1674
		(26.22)	(31.72)	(61.28)	(1.27)	(3.75)	(.22)
(b)	2,36,33,350	1,17,30,023	50,71,50	1,71,32,763	1,35,573	3,23,662	7,72,523
		(57.10)	(21.2)	(35.45)	(0.66)	(1.59)	(3.47)

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Table No. 19 - C (contd.)

		10	11	12	13	14	15	16	17
1		2							
2									
3	Surendranagar	(a)	421	110	49	32	42	124	234
		(6.25)	(15.57)	(7.28)	(4.78)	(6.45)	(5.45)	(34.82)	
(b)		5,802	48,741	15,339	11,431	15,630	45,638	91,549	
		(2.55)	(7.35)	(2.31)	(1.72)	(2.39)	(6.42)	(13.77)	
Total of all for Gujarat State.	(a)	1439	14048	1079	807	1402	3218	7295	
	(b)	(7.67)	(24.57)	(5.38)	(4.30)	(7.47)	(17.15)	(33.72)	

Gujarat State Board
Transport Corporation,
Ahmedabad.

Note :- Brackets figures show the percentage to total.
Source :- Gujarat State Board
Transport Corporation,
Ahmedabad.

Table No. 20 - A

Position of S.T. Passenger Services to Villages classified according to population

(As of 21/3/20)

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Table No. 20 - A (contd.)

Position of S.T. Passenger Services to villages classified according to route length,

(As on 31/3/71)

Sr. No.	Group of Population	No. of villages availing of S.T. services from the nearest bus stop at a distance of						Total Kms. above 3 Kms.	Total Kms. above 3 Kms.	Total Kms. above 3 Kms.	Total Kms. above 3 Kms.
		1 to 2 Kms.	2 to 3 Kms.	Total upto 3 Kms.	4 to 5 Kms.	5 and more Kms.	Total Kms.				
1	2	10	11	12	13	14	15	16	17	16	17
1	1 to 499 (a)	1214	1110	2334	738	660	1162	2590	5524		
		(14.28)	(13.05)	(34.50)	(0.3)	(7.75)	(13.87)	(30.46)	(64.87)		
	(b)	286617	273007	709238	192053	154343	255470	502760	102034		
		(13.14)	(12.51)	(32.50)	(2.32)	(7.07)	(11.72)	(27.17)	(50.67)		
2	500 to 999 (a)	442	307	1143	202	139	342	935	1977		
		(3.47)	(7.20)	(21.57)	(5.51)	(3.77)	(6.45)	(15.72)	(37.29)		
	(b)	314517	272457	799295	105075	137033	232992	572950	1372245		
		(3.25)	(7.17)	(21.04)	(5.16)	(3.85)	(6.29)	(15.08)	(35.12)		

Table No. 20 - A (cont.)

			2	3	4	5	6	7	8	9
1000 to 1999	(a)	3301	1259	1382	2641	35	77	113		
			(38.14)	(41.87)	(80.01)	(1.09)	(2.33)	(3.42)		
(b)	4511498	1776335	1882664	3558999	47616	100643	149259			
		(39.37)	(41.75)	(81.10)	(1.06)	(2.23)	(3.29)			
2000 to 4999	(a)	1532	808	423	1231	12	22	34		
			(60.66)	(31.76)	(92.42)	(0.30)	(1.66)	(2.55)		
(b)	3848552	2389774	1183266	35573.40	31046	66147	97193			
		(62.09)	(30.75)	(92.84)	(0.81)	(1.72)	(2.55)			
5 5000 & above	(a)	148	122	28	148	-	-	-		
			(82.45)	(17.57)	(100.00)	-	-	-		
(b)	975145	813992	161153	975145	-	-	-	-		
		(83.47)	(16.55)	(100.00)	(2.55)					

Table No. 20 - A (cont'd.)

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Table No. 20 - A (cont'd.)

		2	3	4	5	6	7	8	9
3 Town & Cities (a)			179	1	180	-	-	-	-
			(38.90)	(0.55)	(39.45)	-	-	-	-
(b)		5	5329342	13336	5313238	-	-	-	-
		(10.69)	(0.25)	(99.94)	-	-	-	-	-
Grand Total	(c)	10000	4685	5820	10303	254	800	1154	
			(24.95)	(31.32)	(55.57)	(1.35)	(4.26)	(5.61)	
(d)	2	-	1145332	5327774	170664	436633	607297		
			(55.85)	(25.71)	(81.55)	(0.85)	(2.12)	(2.95)	

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Table No. 20 - A (contd.)

	1	2	10	11	12	13	14	15	16	17
6 Towns & Cities (a)			1	-	1	-	-	-	-	1
	(0.55)						(0.55)			(0.55)
(b)	3336	-			3386	-	-	-	-	336
	(0.06)						(0.06)			(0.06)
Grand Total	(a)	1837	1649	4540	1164	1027	1631	3722	8262	
		(9.79)	(8.79)	(24.19)	(6.21)	(4.94)	(8.69)	(19.84)	(44.03)	
(b)	866030	744954	2218281	521360	301168	674929	158735	390566		
	(4.20)	(3.60)	(10.75)	(2.32)	(1.90)	(3.27)	(7.69)	(18.44)		

N.B. Figures in brackets below each of the items indicate % to total of the item concerned.

The details regarding population given for the villages shown under, are based on census 1961.

Source :- Gujarat State Road Transport Corporation, Ahmedabad,

Bawali /

113.
Table No. 20 - B

Position of S.T. Passenger Services to villages classified according to population

(As on 31.3.70)

Sr. No.	Group of Population	Total No. of Villages less under each group	Total No. of villages directly served	No. of villages availing of S.T. services from the nearest bus stand at a distance of		Total no. of villages 1/2 to 1 Kms. 1 Kms.	Total no. of villages 1/2 to 1 Kms. 1 Kms.
				Through out the year	During fair season only		
1	1 to 499	(a) 8504	1070	2119	3198	115	466
		(12.59)	(24.92)	(37.51)	(-1.35)	(5.48)	(6.83)
(b)	21,81,045	2,10,405	612010	251115	23533	112662	1,42,231
		(1.54)	(28.05)	(42.59)	(1.57)	(5.56)	(6.52)
2	500 to 999	(a) 5299	1203	2192	3485	77	194
		(124.13)	(41.57)	(65.77)	(1.45)	(3.66)	(5.11)
(b)	37,99,585	7,421	1535726	2543937	57662	136390	29572
		(2.14)	(41.99)	(66.95)	(1.50)	(3.50)	(5.10)

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Table No. 20 - B (contd.)

Sr. No.	Group of population	No. of villages Kms.	Services from the nearest bus stop					Grand total
			1 to 2 Kms.	2 to 5 Kms.	5 to 4 Kms.	4 to 5 Kms.	5 P.M. above nd 5 Kms.	
1	2	10	11	12	13	14	15	(13 + $\frac{1}{2}$ 14 + 15) (12 + 16)
								17
1	1 to 499 (A)	1195	1069	2845	735	626	1100	2461
		(14.05)	(12.57)	(33.45)	(8.64)	(7.36)	(12.94)	(62.39)
(B)	2,81,717	2,65,146	6,87,094	1,74,695	1,47,874	2,40,868	5,63,435	12,50,531
	(12.91)	(12.06)	(31.49)	(3.00)	(6.78)	(11.74)	(25.72)	(57.31)
2	500 to 999 (A)	414	359	1047	269	187	311	767
		(7.87)	(6.78)	(19.76)	(5.08)	(3.53)	(5.86)	(14.47)
(B)	29491	24527	7,29,070	1,71,026	1,30,479	2,15,075	5,2F,573	12,55,648
	(7.62)	(6.47)	(19.19)	(4.76)	(3.44)	(5.66)	(13.96)	(33.05)

(As on 31/3/70)

Table No. 20 - B (cont'd.)

		2	3	4	5	6	7	8
3	1000 to 1999	(A)	5301	1262	1457	2729	28	66
				(39.25)	(44.44)	(22.67)	(0.85)	(2.00)
(B)	45,11,498		17,75,753	19,96,255	37,77,908	37,303	85,002	1,22,315
			(39.32)	(44.25)	(35.57)	(7.95)	(1.88)	(2.71)
4	2000 to 4999	(A)	1322	802	494	1226	10	5
				(60.21)	(57.09)	(57.51)	(7.71)	(1.38)
(B)	35,43,532		53,7,452	13,75,237	375,772	26,147	14,448	40,515
			(61.30)	(35.76)	(7.55)	(0.55)	(0.38)	(1.35)
5	5000 & above	(A)	142	126	22	10	-	-
				(-5.14)	(14.85)	(10.00)	-	-
(B)	3,75,145		,2,322	1,32,823	3,75,145	-	-	-
			(35.35)	(25.62)	(100.00)	-	-	-

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Table No. 20 - B (cont'd.)

	1	2	10	11	12	13	14	15	16	17
3 1000 to 1999 (A)			108	334	84	54	100	220		572
	(4.00)	(3.27)	(10.12)	(2.54)	(1.64)	(3.03)	(7.21)			(17.35)
(B) 1,79,177	1,33,848	4,39,330	1,07,127	63,879	1,26,154	3,02,160	7,11,330			
(3.95)	(3.08)	(9.74)	(2.37)	(1.53)	(2.79)	(6.69)	(15.43)			
4 2000 to 4999 (A)	8;	1,57;	28	217	3.	30.	8.	36		
	(0.50);	(0.38)	(2.10)	(0.16)	(0.22)	(0.22)	(0.20)	(2.70)		
(B) 21,395	20,725	73,315	4,717	9,128	7630	20,505	93,20			
(0.57)	(0.28)	(1.31)	(0.12)	(0.21)	(0.20)	(0.53)	(2.44)			
5 500 & above (A)	-	-	-	-	-	-	-			
	-	-	-	-	-	-	-			
(B)	-	-	-	-	-	-	-			

Table No. 20 - B (cont'd.)

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Table No. 20 - B (contd.)

	Grand Total for State as a whole	(A)	1753	1541	4255	1030	870	1514	3,474	7,729
6	Towns & Cities	(A)	1	-	1	-	-	-	-	1
		(0.55)		(0.55)	-	-	-	-	-	(0.55)
					(0.55)	-	-	-	-	
						3,386	-	-	-	3,386
		(B)	3,386	-	-	-	-	-	-	(0.96)
						(0.96)	-	-	-	(0.96)

(B)	7,74,766	6,58,546	19,32,195	4,67,535	3,55,330	5,89,725	14,12,600	35,44,875	
	(3.75)	(5.19)	(9.35)	(2.27)	(1.72)	(2.96)	(6.85)	(16.21)	

N.B. Figures in brackets below each of the items indicate % to total of the item concerned.

The details regarding population given for the villages shown under B are based on census, 1961.

Source :- Gujarat State Road Transport Corporation, Ahmedabad.

B aged /

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Table No. 20 - C

Position of S.T. Passenger services to villages classified according to population.

(As on 31/3/71)

Sr. No.	Group of population	Total no. of villes- ges in each group	Total N. o. of villes served	No. of villes served directly			No. of villes served from the nearest bus-stop at a distance of upto 1 Km.			No. of villes served from the nearest bus-stop at a distance of upto 1 Kms.		
				Through the year	During fair session only	Total	upto 1/2 Km.	1/2 to 1 Km.	Total upto 1 Kms.	upto 1 Kms.	1/2 to 1 Km.	
1	1 to 499	(A)	8,504	1,127	2,244	3,371	120	454	574	9	9	
			(13.25)	(26.39)	(39.64)	(1.41)	(5.34)	(6.75)				
(B)	21,81,948	5,32,595	6,51,957	9,84,522			30,805	1,06,384	1,57,189			
		(15.24)	(29.88)	(45.12)			(1.41)	(4.88)	(6.29)			
2	500 to 999	(A)	5299	1,375	2,280	3,655	74	193	267			
			(25.95)	(43.05)	(68.98)	(1.40)	(3.64)	(5.04)				
(B)	3799585	10,09,584	16,55,040	26,65,624			54,231	1,35,749	1,90,987			
		(26.57)	(43.35)	(70.35)	(1.45)	(3.60)	(5.05)					

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Table No. 20 - C (continued)

Sr. No.	Group of population	No. of villages willing of S.T. services from the nearest bus-stop at a distance of										Grand total col. 12 & 16
		1 to 2 Kms.	2 to 3 Kms.	Total upto 3 Kms.	3 to 4 Kms.	4 to 5 Kms.	5 & above Kms.	Till 5 Kms.	beyond 5 Kms.			
1	1 to 499 (A)	1182	1,029	2,785	702	596	1,050	2,348	5,153			
	(15.90)	(22.10)	(32.75)	(8.26)	(7.00)	(12.35)	(27.61)	(80.35)				
(B)	2,77,859	2,50,868	6,65,943	1,64,966	1,40,040	2,28,472	5,31,478	11,77,304				
	(22.75)	(11.50)	(30.52)	(7.58)	(6.42)	(10.38)	(24.35)	(54.38)				
2	500 to 999 (A)	381	326	974	233	161	271	870	1,644			
	(7.19)	(6.15)	(18.38)	(4.49)	(3.04)	(5.11)	(12.64)	(31.02)				
(B)	2,62,344	2,22,411	6,78,335	1,58,609	1,12,604	1,86,438	4,57,626	11,33,961				
	(6.32)	(5.85)	(17.80)	(4.17)	(2.37)	(4.91)	(12.05)	(29.35)				

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Table No. 20 - C (cont'd.)

		2	3	4	5	6	7	8	9
3	1000 to 1999	(A)	5,301	1,550	1,509	2,859	24	61	85
			(40.29)	(45.71)	(86.00)	(0.75)	(-1.85)	(2.58)	
		(B)	45,11,498	18,89,841	20,44,106	39,15,947	31,260	80,556	1,11,596
			(41.45)	(45.30)	(86.75)	(0.69)	(-1.78)	(2.47)	
4	2000 to 4999	(A)	1,552	820	496	1,306	7	2	9
			(61.35)	(35.48)	(98.04)	(7.53)	(0.15)	(0.68)	
		(B)	38,48,552	24,26,739	15,55,518	37,80,257	19,277	5,195	24,470
			(65.06)	(35.35)	(98.22)	(0.50)	(0.15)	(0.65)	
5	5000 & above	(A)	148	125	22	148	-	-	-
			(65.14)	(14.98)	(100.00)	-	-	-	
		(B)	9,75,145	8,42,322	1,32,825	9,75,145	-	-	-
			(86.38)	(15.62)	(100.00)	-	-	-	

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Table No. 20 - C (continued)

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Table No. 20 - C (cont'd.)

Table No. 20 - C (contd.)

6 Town & Cities	(A)	10	11	12	13	14	15	16	17
		(0.55)	(0.55)	(0.55)	-	-	-	-	(0.55)
(B)		5,336	-	5,336	-	-	-	-	5,336
		(0.06)	-	(0.06)	-	-	-	-	(0.06)
Grand Total	(A)	1,674	1,439	4,048	1,009	897	1,492	3,218	7,266
		(R.92)	(7.67)	(21.57)	(5.38)	(4.30)	(7.47)	(17.15)	(33.72)
(B)		7,02,545	5,83,666	17,50,444	4,12,584	3,19,556	5,17,993	12,50,143	30,77,597
		(3.40)	(2.85)	(8.48)	(2.70)	(1.55)	(2.51)	(6.98)	(14.54)

N.B. Figures in brackets below each of the items indicate % w.r.t total of the item concerned.

The details regarding population given for the various shown under B are based on census 1961.

Source :- Geofact State Road Transport Corporation, Ahmedabad.

Table No. 21

PLAN EXPENDITURE ON ROAD DEVELOPMENT, ROAD TRANSPORT, PORTS AND TOURISM.

(Unit :- Rs. in crore*)

Sr. No.	Sector	First	Second	Third	Annual expenditure in yearly plan		
		Plan 1951-55	Plan 1956-61	Plan 1961-66	1956-57	1966-67	1969-70
1	2	3	4	5	6	7	8
1	Road development	9.38	20.62	17.15	3.05	3.59	5.28
2	Road transport	N.A.	3.14	3.01	* 3.63	* 2.32	3.51
3	Ports	1.35	3.47	3.07	0.72	0.66	0.75
4	Tourism	-	-	0.11	0.02	0.01	0.12
	Total	10.73	27.23	23.32	7.42	6.58	9.45
	+ Expenditure net from internal resources and Central Government (Railways contribution)						10.59

* Expenditure net from internal resources and public loans. Source :- (1) Third Five year Plan (1961-66) - Revised
 + Expenditure net from internal resources and Central Government (Railways contribution)

- (1) Third Five year Plan (1961-66) - Revised
- (2) Development programme (1969-70)
- (3) "Fourth Five year Plan" (1969-74)

Bagnami/

Table No. 22

RAILWAY SYSTEM

(Unit : Kilometres)

Gauge	As on				(Provi- tional)
	31.3.58	31.3.61.	31.3.66	31.3.71	
1	2	3	4	5	
<u>Broad Gauge.</u>					
Single line	579	454	454	677	
Double line	323	449	450	450	
Total	902	903	904	1,127	
<u>Metre Gauge.</u>					
Single line	3,269	3,312	3,320	3,349	
Double line	-	26	62	68	
Total	3,269	3,338	3,388	3,417	
<u>Narrow Gauge</u>					
Single line	1,155	1,155	1,155	1,155	
Double line	-	-	-	-	
Total	1,155	1,155	1,135	1,135	
Grand Total	5,326	5,356	5,321	5,373	

Source :- Calculated from the Railway Time Tables.

Bagwanji/

Table No. 23

DISTRICTWISE RAILWAY LENGTH

(As on 31/3/71)

(Unit : Kilometres)

Sr. No.	District	Broad guage	Metre guage	Narrow guage	Total
		2	3	4	5
1	Ahmedabad	95	292	-	387
2	Anreli	-	303	-	303
3	Kutch	24	200	-	224
4	Kaira	230	-	103	341
5	Jamnagar	-	319	-	319
6	Jungarh	-	406	-	406
7	Dangs	-	-	5	5
8	Panchmahals	153	-	96	254
9	Borsadkothia	-	252	-	252
10	Brahmapur	45	-	173	218
11	Bhavnagar	-	252	103	350
12	Mehsana	-	167	-	167
13	Rajkot	35	379	65	479
14	Baorda	95	-	433	533
15	Bulsar	108	-	60	168
16	Sambharthia	-	169	-	169
17	Surat	147	-	60	207
18	Surendranagar	122	308	27	457
Gujarat State		1127	3417	1135	4679

Source : Calculated from the Railway Time Table.

Begwani/

Table No. 24

District wise Number of Passengers Originating at
different Railway Stations

(Year : 1968-69)

(Unit : '000 numbers)

Sr. No.	District	Broad gauge	Metre gauge	Narrow gauge	Total
		3	4	5	6
1	Mumbai	" 75,871	1,49,351	-	2,25,522
2	Anjali	-	22,415	-	22,415
3	Kutch	-	22,316	-	22,316
4	Vadra	1,80,733	-	90,418	2,71,151
5	Jamnagar	-	39,310	-	39,310
6	Junagadh	-	66,142	-	66,142
7	Dangs	-	-	549	549
8	Panchmahals	22,296	-	9,121	37,417
9	Banskantha	-	34,374	-	34,374
10	Brock	33,439	-	30,478	63,965
11	Savnagar	-	68,699	11,766	80,465
12	Mehsana	-	1,81,682	-	1,81,682
13	Rajkot	-	53,098	5,008	58,104
14	Beroda	55,266	-	85,358	1,40,602
15	Bulsar	83,401	-	4,964	88,365
16	Surat	88,035	-	8,557	96,592
17	Sabarkantha	-	24,847	-	24,847
18	Surendranagar	2,072	33,035	4,247	39,354
	Total	5,47,263	6,95,267	2,50,142	14,92,612

Source :- " Statistics of Outward Coaching Passengers for
and Total Outward and inward traffic originating
with all such stations during the year ended
March 1969". Western Railway, Bombay.

Engward /

Table No. 25

Districtwide roads Traffic Originating at
different Stations.

(Year : 1968-69)

(Unit : 1000 Tonnes)

Sr. No.	District	Goods traffic originating			Total
		Revenue Traffic	No. Revenue Traffic	Total	
1	2	3	4	5	
1	Srinagar	776.5	50.5	827.0	
2	Muzaffer	32.3	3.4	36.2	
3	Kashmir	1578.4	0.3	1578.7	
4	Katra	793.6	15.9	809.5	
5	Jammu	1735.1	41.1	1776.2	
6	Junglewadi	1155.3	0.1	1155.4	
7	Doda	8.6	0.1	8.7	
8	Porehawali	417.6	24.9	442.5	
9	Pirwadwani	202.4	4.0	206.4	
10	Baramulla	736.8	5.8	742.6	
11	Bhimber	471.8	52.9	524.7	

Table No. 25 (contd.)

1	2	3	4	5
12	Mhasane	273.2	9.3	292.0
13	Rafikot	449.4	20.7	470.1
14	Tarodan	672.2	17.7	689.9
15	Pulsar	325.0	15.6	400.6
16	Sambarkantha	96.3	0.3	96.6
17	Surat	277.3	16.9	294.2
18	Surendranagar	1092.7	7.7	1100.4
Total		11135.0	295.7	11130.7

Source :- "Statistics of Outward
Catching passenger traffic
and total Outward and In-
ward goods traffic dealt
with each stations during
the year ending 31st March 1969".

Western Railway, Bombay.

Appendix /

SUMMARY
RESULTS.

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- 131 -
Table No. 26

Districtwise names of Ports

Sr. No.	District	Ports		Winn Foreign	Corstal
		Major Ports	Minor Ports		
1	Kutch	Kandla	Mervi	Muntra Jakhav	—
2	Rajkot	—	Nevlakhi	—	—
3	Jamnagar	—	Pedi	—	Joatiya
		Sikka	Sikhara	Finsara	Rupleen
		Othra	Beyt	Beyt	Rupleen
		Salya	—	—	—
		Portman	—	Hansol	Neohunder
		Verasi	—	—	Rajpara
4	Jungesh	—	—	—	—
5	Girdi	—	—	—	Katda
		—	—	—	Jemali
		—	—	—	Talsar
		—	—	—	(J. u. ul e)

Table No. 26 (contd.)

1	2	3	4	5	6	7
6 Bhavnagar	-	Bhavnagar	-	Maharashtra	Gujarat	4
7 Kaira	-	-	-	Talaja	Cambay	1
8 Broach	-	-	Broach	-	Danej	2
9 Surat	-	Surat	-	Vasai-Virar	Bhagwa	5
10 Bulsar	-	-	-	Kolak	Bulsar	5
Total	1	10	1	14	15	39

Note (1) Ports were closed down in 1971

- (2) In addition to the above, there are two ports viz ;
Muz and Daman which are centrally administered.

Source :- Director of Ports, Mumbai

155 - TABLE NO. 27-A
**NUMBER AND NET REGISTERED TONNAGE OF FOREIGN AND COSTAL
 STEAMERS AND SAILING VESSELS AT INTERMEDIATE AND MINOR
 PORTS (UNIT: 1000 TONNES) (YEAR: 1966-67)**

Sr. No.	Port	Foreign		Coastal		Total	
		No. of vessels	Net regist- ered tonnage	No. of vessels	Net register- ed tonnage	No. of vessels	Net register- ed tonnage
1	Mandvi	-	-	5	8.0	5	8.0
2	Navlakhi	22	100.4	8	25.9	30	126.3
3	Bedi	87	352.5	67	210.9	154	563.4
4	Sikka	14	53.4	38	59.4	52	112.8
5	Okha	52	293.7	122	180.4	174	474.3
6	Porbandar	23	139.0	85	103.7	108	233.7
7	Versaval	10	55.1	44	174.3	54	219.4
8	Bhavnagar	100	410.0	60	86.0	160	526.0
9	Brosach	-	-	-	-	-	-
10	Surat	-	-	-	-	-	-
11	Salaya *	24	126.7	21	35.0	45	161.7
Total		332	1541.2	450	883.6	782	2425.5
Minor ports		18	60.4	55	70.4	73	138.8
Total		350	161.0	505	954.0	855	2564.3

* The port at Salaya has been categorised as an intermediate port from 1968-69.

No.	Name	Foreign trading vessels	Coastal trading vessels		Total
			No. of vessels	Net regis- tered tonnage	
1	107.1	252.62	9	10	11
2	107.2	252.61	9	10	12
3	107.3	252.62	9	10	13
4	107.4	252.61	9	10	14
5	107.5	252.62	9	10	14
6	107.6	252.62	9	10	14
7	107.7	252.62	9	10	14
8	107.8	252.62	9	10	14
9	107.9	252.62	9	10	14
10	107.10	252.62	9	10	14
11	107.11	252.62	9	10	14
12	107.12	252.62	9	10	14
13	107.13	252.62	9	10	14
14	107.14	252.62	9	10	14
15	107.15	252.62	9	10	14
16	107.16	252.62	9	10	14
17	107.17	252.62	9	10	14
18	107.18	252.62	9	10	14
19	107.19	252.62	9	10	14
20	107.20	252.62	9	10	14
21	107.21	252.62	9	10	14
22	107.22	252.62	9	10	14
23	107.23	252.62	9	10	14
24	107.24	252.62	9	10	14
25	107.25	252.62	9	10	14
26	107.26	252.62	9	10	14
27	107.27	252.62	9	10	14
28	107.28	252.62	9	10	14
29	107.29	252.62	9	10	14
30	107.30	252.62	9	10	14
31	107.31	252.62	9	10	14
32	107.32	252.62	9	10	14
33	107.33	252.62	9	10	14
34	107.34	252.62	9	10	14
35	107.35	252.62	9	10	14
36	107.36	252.62	9	10	14
37	107.37	252.62	9	10	14
38	107.38	252.62	9	10	14
39	107.39	252.62	9	10	14
40	107.40	252.62	9	10	14
41	107.41	252.62	9	10	14
42	107.42	252.62	9	10	14
43	107.43	252.62	9	10	14
44	107.44	252.62	9	10	14
45	107.45	252.62	9	10	14
46	107.46	252.62	9	10	14
47	107.47	252.62	9	10	14
48	107.48	252.62	9	10	14
49	107.49	252.62	9	10	14
50	107.50	252.62	9	10	14
51	107.51	252.62	9	10	14
52	107.52	252.62	9	10	14
53	107.53	252.62	9	10	14
54	107.54	252.62	9	10	14
55	107.55	252.62	9	10	14
56	107.56	252.62	9	10	14
57	107.57	252.62	9	10	14
58	107.58	252.62	9	10	14
59	107.59	252.62	9	10	14
60	107.60	252.62	9	10	14
61	107.61	252.62	9	10	14
62	107.62	252.62	9	10	14
63	107.63	252.62	9	10	14
64	107.64	252.62	9	10	14
65	107.65	252.62	9	10	14
66	107.66	252.62	9	10	14
67	107.67	252.62	9	10	14
68	107.68	252.62	9	10	14
69	107.69	252.62	9	10	14
70	107.70	252.62	9	10	14
71	107.71	252.62	9	10	14
72	107.72	252.62	9	10	14
73	107.73	252.62	9	10	14
74	107.74	252.62	9	10	14
75	107.75	252.62	9	10	14
76	107.76	252.62	9	10	14
77	107.77	252.62	9	10	14
78	107.78	252.62	9	10	14
79	107.79	252.62	9	10	14
80	107.80	252.62	9	10	14
81	107.81	252.62	9	10	14
82	107.82	252.62	9	10	14
83	107.83	252.62	9	10	14
84	107.84	252.62	9	10	14
85	107.85	252.62	9	10	14
86	107.86	252.62	9	10	14
87	107.87	252.62	9	10	14
88	107.88	252.62	9	10	14
89	107.89	252.62	9	10	14
90	107.90	252.62	9	10	14
91	107.91	252.62	9	10	14
92	107.92	252.62	9	10	14
93	107.93	252.62	9	10	14
94	107.94	252.62	9	10	14
95	107.95	252.62	9	10	14
96	107.96	252.62	9	10	14
97	107.97	252.62	9	10	14
98	107.98	252.62	9	10	14
99	107.99	252.62	9	10	14
100	107.100	252.62	9	10	14
101	107.101	252.62	9	10	14
102	107.102	252.62	9	10	14
103	107.103	252.62	9	10	14
104	107.104	252.62	9	10	14
105	107.105	252.62	9	10	14
106	107.106	252.62	9	10	14
107	107.107	252.62	9	10	14
108	107.108	252.62	9	10	14
109	107.109	252.62	9	10	14
110	107.110	252.62	9	10	14
111	107.111	252.62	9	10	14
112	107.112	252.62	9	10	14
113	107.113	252.62	9	10	14
114	107.114	252.62	9	10	14
115	107.115	252.62	9	10	14
116	107.116	252.62	9	10	14
117	107.117	252.62	9	10	14
118	107.118	252.62	9	10	14
119	107.119	252.62	9	10	14
120	107.120	252.62	9	10	14
121	107.121	252.62	9	10	14
122	107.122	252.62	9	10	14
123	107.123	252.62	9	10	14
124	107.124	252.62	9	10	14
125	107.125	252.62	9	10	14
126	107.126	252.62	9	10	14
127	107.127	252.62	9	10	14
128	107.128	252.62	9	10	14
129	107.129	252.62	9	10	14
130	107.130	252.62	9	10	14
131	107.131	252.62	9	10	14
132	107.132	252.62	9	10	14
133	107.133	252.62	9	10	14
134	107.134	252.62	9	10	14
135	107.135	252.62	9	10	14
136	107.136	252.62	9	10	14
137	107.137	252.62	9	10	14
138	107.138	252.62	9	10	14
139	107.139	252.62	9	10	14
140	107.140	252.62	9	10	14
141	107.141	252.62	9	10	14
142	107.142	252.62	9	10	14
143	107.143	252.62	9	10	14
144	107.144	252.62	9	10	14
145	107.145	252.62	9	10	14
146	107.146	252.62	9	10	14
147	107.147	252.62	9	10	14
148	107.148	252.62	9	10	14
149	107.149	252.62	9	10	14
150	107.150	252.62	9	10	14
151	107.151	252.62	9	10	14
152	107.152	252.62	9	10	14
153	107.153	252.62	9	10	14
154	107.154	252.62	9	10	14
155	107.155	252.62	9	10	14
156	107.156	252.62	9	10	14
157	107.157	252.62	9	10	14
158	107.158	252.62	9	10	14
159	107.159	252.62	9	10	14
160	107.160	252.62	9	10	14
161	107.161	252.62	9	10	14
162	107.162	252.62	9	10	14
163	107.163	252.62	9	10	14
164	107.164	252.62	9	10	14
165	107.165	252.62	9	10	14
166	107.166	252.62	9	10	14
167	107.167	252.62	9	10	14
168	107.168	252.62	9	10	14
169	107.169	252.62	9	10	14
170	107.170	252.62	9	10	14
171	107.171	252.62	9	10	14
172	107.172	252.62	9	10	14
173	107.173	252.62	9	10	14
174	107.174	252.62	9	10	14
175	107.175	252.62	9	10	14
176	107.176	252.62	9	10	14
177	107.177	252.62	9	10	14
178	107.178	252.62	9	10	14
179	107.179	252.62	9	10	14
180	107.180	252.62	9	10	14
181	107.181	252.62	9	10	14
182	107.182	252.62	9	10	14
183	107.183	252.62	9	10	14
184	107.184	252.62	9	10	14
185	107.185	252.62	9	10	14
186	107.186	252.62	9	10	14
187	107.187	252.62	9	10	14
188	107.188	252.62	9	10	14
189	107.189	252.62	9	10	14
190	107.190	252.62	9	10	14
191	107.191	252.62	9	10	14
192	107.192	252.62	9	10	14
193	107.193	252.62	9	10	14
194	107.194	252.62	9	10	14
195	107.195	252.62	9	10	14
196	107.196	252.62	9	10	14
197	107.197	252.62	9	10	14
198	107.198	252.62	9	10	14
199	107.199	252.62	9	10	14
200	107.200	252.62	9	10	14
201	107.201	252.62	9	10	14
202	107.202	252.62	9	10	14
203	107.203	252.62	9	10	14
204	107.204	252.62	9	10	14
205	107.205	252.62	9	10	14
206	107.206	252.62	9	10	14
207	107.207				

TABLE NO. 27-B
NUMBER AND NET REGISTERED TONNAGE OF FOREIGN AND COASTAL SHIPPERS AND
SAILING VESSELS AT INT'L. IMMEDIATE AND MINOR PORTS (UNIT: 000 TONNES)
(YEAR: 1969-70)

Sr. No.	Ports	Foreign		State Ports Cess		Total	
		No. of vessels ered	Net registerd tonn- age	No. of vessels ered	Net registerd tonnage	No. of vessels ered	Net registerd tonnage
1	-	3	4	5	6	7	8
2	-	2	3	4	5	6	7
3	Mandvi	-	-	-	-	-	-
4	Navlakhi	26	109.8	10	37.8	36	147.6
5	Bedi	105	425.3	61	199.7	166	625.0
6	Sikka	26	34.3	62	83.5	88	117.8
7	Okha	39	214.0	79	124.8	118	338.8
8	Porbandar	11	170.4	38	42.2	79	220.6
9	Veraval	10	50.1	45	191.0	55	244.1
10	Bhavnagar	118	525.4	27	63.4	145	592.8
11	Broach	-	-	-	-	-	-
12	Surat	2	6.6	-	-	2	8.6
13	Salaya	13	61.3	342	760.0	763	1113
14	Total	380	147.2	33	35.5	32	240.7
15	Minor-ports	20	7.5	-	-	-	7.5
16	Gujarat State Tot-	1727	375	800.9	773	1528.7	-----
17	11.	400	1727	-----	-----	-----	1523.69

* The port at salaya has been included as an intermediate port in 1963-69.

TABLE-27-B

No:	Port	Sailing vessels			Total
		No. of vessels	Net registered tonnage.	No. of Registered vessels	
1	G	10	11	11	14
1		17	1.3	572	18.3
2		-	-	-	-
3		106	13.7	135	5.4
4		29	1.1	196	11.6
5		-	-	931	45.0
6		78	2.1	376	30.3
7		-	-	1047	67.8
8		-	-	631	27.9
9		-	-	263	6.3
10		-	-	314	11.6
11		44	5.1	113	6.3
Total		274	23.3	4578	230.5
Minor Port		1	1	8097	226.3
Gujarat State		275	33.4	12675	456.8
Total.				12950	490.2

Source:- Director of Ports, Gujarat State, Ahmedabad.

TABLE NO. 27-C

**157 - NUMBER AND NET REGISTERED TONNAGE OF FOREIGN AND COSTAL STEAMERS AND
SAILING VESSELS AT INDIAN PORTS AND MINOR PORTS (UNIT: 100 TONNETS)
(YEAR: 1960-71)**

Sr. No.	Ports.	Sailing Foreign		Net register- ed tonnage. vessels.	No. of vessels registered.	Net register- ed tonnage. vessels	No. of vessels registered.	Net register- ed tonnage. vessels	Total
		Costal	Total						
1	2	3	4	5	6	7	8	9	10
1	Mandvi	1	4.1	-	-	-	-	1	4.1
2	Navlakhi	11	40.5	6	12.4	17	52.9		
3	Bedi	90	341.2	59	219.6	149	560.8		
4	Sikka	25	42.1	60	66.0	85	108.1		
5	Okha	21	99.6	88	178.6	109	278.2		
6	Porbandar	20	96.2	38	45.7	58	141.9		
7	Veraval	31	118.5	23	115.0	54	233.7		
8	Bhavnagar	98	222.5	9	15.0	107	237.5		
9	Brock	-	-	-	-	-	-		
10	Surat	-	-	-	-	-	-		
11	Salaya	7	35.9	17	5.4	24	41.3		
Total		304	1000.2	300	677.7	604	1162.5		
Minor Ports		8	40.0	29	26.5	37	66.5		
Total		312	1040.8	329	684.2	641	1725.0		

KSN/

TABLE NO. 27-C.

Sr. No.	Foreign Sailing vessels	Total			
		No. of vessels	Net register- ed tonnage.	No. of vessels in ton. ³³	Net register- ed tonnage
1	8	16	10	11	13
1	13	13	4.4	12	14
2	-	-	-	-	-
3	97	11.3	114	4.9	211
4	29	3.6	325	5.7	154
5	-	-	432	20.6	432
6	61	7.7	447	42.3	508
7	-	-	1125	82.2	1125
8	-	-	738	34.7	738
9	-	-	124	5.2	124
10	-	-	200	6.1	200
11	63	4.5	85	5.2	148
Total	268	28.5	3892	225.1	4160
Minor ports	-	1.0	7338	225.0	7338
Total	268	29.5	11230	450.1	11493

Source: Director of Ports, Gujarat State, Ahmedabad.

TABLE NO. 28.
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YEAR WISE NUMBER OF STEAMERS CALLING IN LINE PORTS AND M.M.P.R. PORTS.

Sr.No.	Year.	Mandvi	Kavla Khali	Bedi.	Sikka	Salaya
1	1956-57	67	17	15	5	5
2	1957-58	66	11	156	70	2
3	1958-59	66	14	170	62	1
4	1959-60	65	7	195	63	4
5	1960-61	68	13	189	74	2
6	1961-62	70	14	181	59	-
7	1962-63	69	24	190	63	-
8	1963-64	70	17	228	78	2
9	1964-65	66	37	181	74	7
10	1965-66	112	35	150	86	10
11	1966-67	-	38	168	74	10
12	1967-68	29	15	134	60	26
13	1968-69	5	30	154	52	45
14	1969-70	-	36	166	88	33
15	1970-71	1	17	149	85	24

KSN/

TABLE NO. 28 (contd.)

Sr.No.	Okha	Porbandar	Mangrol	Veraval	Mahuva	Bhavnagar	Jakhau	FORTS
1	239	81	1	87	3	110	7	
2	241	110	-	111	2	123	6	
3	242	129	-	125	9	151	9	
4	233	124	-	137	4	147	10	
5	237	130	-	130	1	141	10	
6	220	125	-	126	-	124	16	
7	228	125	-	140	-	155	14	
8	204	114	-	142	-	142	20	
9	171	73	-	81	-	120	10	
10	178	76	-	40	-	134	8	
11	178	90	-	62	-	159	9	
12	165	90	-	79	-	158	13	
13	174	108	-	54	-	160	11	
14	118	79	-	55	-	145	14	
15	109	58	-	54	-	107	11	

TABLE NO. 28. (contd.)

Sr.No.	Mundra	Jaffribad	Pipalw PORTS	Navabundar	Surat	Pindhara	Total No. of states year
1	8	62	1	46	-	-	944
2	10	68	4	54	-	-	1034
3	11	74	3	66	-	-	1132
4	6	72	3	67	-	-	1147
5	8	70	5	64	-	-	1142
6	12	68	6	62	-	-	1082
7	20	61	6	61	-	-	1150
8	10	56	4	53	-	-	1145
9	20	14	7	13	-	-	874
10	19	5	3	3	-	-	761
11	19	5	7	3	-	-	827
12	21	60	9	58	3	-	950
13	18	18	12	12	-	2	855
14	23	3	9	-	2	4	775
15	15	3	7	-	-	1	641

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**THE SHARE OF STEAMERS AND SAILING VESSELS IN THE CARGO HANDLED AT
 INTERNATIONAL AND MINOR PORTS.**
 (UNIT: '000 TONNES)

Sr. No.	Year.	Steamers		Percentage of total cargo.
		No. of steamers	Quantity of cargo.	
1	2	3	4	5
1	1956-57	944	1337.5	72 %
2	1957-58	1034	1353.5	73 %
3	1958-59	1132	1297.6	80 %
4	1959-60	1147	1478.7	69 %
5	1960-61	1142	1666.0	70 %
6	1961-62	1083	1861.8	76 %
7	1962-63	1159	2455.3	81 %
8	1963-64	1145	2574.5	82 %
9	1964-65	874	2587.7	81 %
10	1965-66	761	2692.8	83 %
11	1966-67	827	3088.5	87 %
12	1967-68	950	3127.6	86 %
13	1968-69	355	3210.3	87 %
14	1969-70	775	2840.5	87 %
15	1970-71	641	2208.0	83 %

TABLE NO. 29 (contd.)

Sr.No.	No. of sailing vessels.	Sailing vessels	Quantity of cargo.	Percentage of total cargo.	Total quantity of cargo.
1	6	7	8	9	9
1	11400	532.8	28	%	1870.3
2	13336	544.7	27	%	1898.2
3	14891	732.2	30	%	2029.8
4	15662	653.9	31	%	2132.6
5	18467	717.7	30	%	2383.7
6	16612	606.1	24	%	2467.9
7	16619	572.8	19	%	3028.1
8	16033	569.9	18	%	3144.4
9	16009	606.8	19	%	3194.5
10	15804	569.9	17	%	3262.7
11	13361	461.7	13	%	3570.2
12	13265	502.8	14	%	3631.4
13	12901	486.1	13	%	3698.4
14	12950	440.7	13	%	3281.3
15	11498	458.1	17	%	2666.1

Source:- Director of Posts, Gujarat State, Ahmedabad.

- 144 - NO. OF STEAMERS AND SAILING VESSELS, EXPORTS AND IMPORTS (FOREIGN AND COASTAL).

(UNIT: '000TONNES).

Sr. No.	Classification of vessels.	Year.	Number of vessels	Imports		Exports		Total Average Imports tonnage and Ex-ports per ves- sel.	Foreign and co- astal.
				Foreign	Coastal	Foreign	Coastal		
1 STEAMERS. India and 1967-68									
			559	73.8	121.2	55.1	740.2	990.3	1772
				(8.3)	(14.9)	(1.5)	(75.9)	(27.3)	
1968-69		505	45.7	242.0	127.1	793.4	1208.2	2392	
			(8.6)	(28.3)	(9.8)	(77.8)	(32.6)		
1969-70		375	130.6	230.7	195.2	641.3	1197.7	3194	
			(21.6)	(37.4)	(15.9)	(76.9)	(36.5)		
1970-71		329	53.2	185.3	313.1	554.5	1106.1	3362	
			(20.6)	(41.5)	(26.2)	(72.4)	(41.5)		
Foreign.	1967-68	391	805.3	440.3	891.3	0.4	2137.3	8466	
			(90.1)	(54.1)	(94.0)	(0.0)	(58.8)		
1968-69	350	470.6	368.0	1162.6	0.8	2002.1	5720		
		(89.1)	(42.7)	(90.2)	-	(54.1)			
1969-70	400	445.8	187.0	1010.0	-	1642.8	4107		
		(73.7)	(30.3)	(82.5)	-	(50.1)			
1970-71	312	188.6	39.5	873.8	-	1101.9	3331		
		(72.9)	(6.9)	(73.1)	-	(41.3)			

TABLE NO. 30 contd.
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TABLE NO.30 contd.

	1	2	3	4	5	6	7	8	9	10
Total	1967-68	950	879.1	561.5	946.4	574.0	342.0	327.1		
			(98.4)	(69.0)	(99.8)	(75.7)	(35.1)			
1963-69	855	516.3	610.1	1289.7	794.2	3210.3			3754	
1969-70	775	576.4	417.7	1205.2	641.3	2840.6			3665	
1970-71	641	241.8	224.8	1186.9	554.5	2203.0			3444	
1967-68	13265	14.7	252.4	2.2	234.6	503.8			38	
1968-69	12901	11.9	243.9	7.2	225.1	488.1			37	
1969-70	12950	(2.3)	(29.0)	(0.0)	(22.2)	(13.2)				
1970-71	11498	16.8	221.2	8.2	211.9	458.1			41	
TOT.L	1963-68	893.8	813.9	948.5	975.2	3631.4				
	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)				
1963-69	528.2	854.0	1296.0	1019.3	3698.4					
	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)				
1969-70	605.0	617.0	1224.8	834.5	3281.3					
	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)				
1970-71	253.6	446.0	1195.1	766.4	2666.1					
	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)				

Note: The Figures in brackets indicate the Percentages to total.

Source:- Director of Ports, Guj. State,
Ahmedabad.

TABLE NO. 31
PASSENGER TRAFFIC, INWARD AND OUTWARD, FOREIGN AND COASTAL AT THE INTERMEDIATE AND MINOR PORTS.

Sr. No.	Port.	Nature of Traffic.	No. of Passengers. 1961-62	1963-64	
				Inward	Outward
1	2	3	4	5	6
1	Mandvi	Foreign	3698	2949	3462
	Coastal	16593	17375	12464	9956
	Foreign	883	685	396	616
2	Bedi	Coastal	-	-	-
	Foreign	-	-	-	-
3	Rkha	Coastal	3800	3360	2142
	Foreign	1593	1425	2302	1874
4	Porbandar	Coastal	65	501	106
	Foreign	-	-	-	-
5	Veraval	Coastal	1482	860	1517
	Foreign	-	-	-	-
6	Navabunder	Coastal	3908	4227	3932
	Foreign	-	-	-	-
7	Jafrabad	Coastal	2066	2158	2309
	Foreign	6174	5059	6160	5394
8.	Total.	Coastal	29904	23031	22470
	Grant total.	-	36168	33090	28630
				24804	30794
					36730

Sources: Director of ports, Gujarat State, Ahmedabad.

KSN/

TABLE NO. 31 contd.

Sr. No.	Inward outward	1964-65	1965-66	1966-67	1967-68
	Inward	Inward	Cutward	Inward	Outward
1	10	11	12	13	14
2	4376	3561	453	1300	-
3	19769	17921	6807	4999	-
4	959	522	6P6	855	-
5	-	-	-	-	641
6	-	-	-	-	514
7	-	-	-	-	652
8	-	-	-	-	-
G. Total	35218	29605	13699	12713	2424
				3020	8742
					8684

KSR/

TABLE NO. 31 Contd.

Sr. No.	Inward		Outward		Inward		Outward	
	Catward	Inward	Inward	Catward	Inward	Catward	Inward	Catward
1	18	19	20	21	22	23	-	-
2	-	-	-	-	-	-	-	-
3	4548	1364	-	-	-	-	-	-
4	185	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	293	285	-	-	-	-	-	-
7	870	748	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	1130	273	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	1594	1454	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	1879	1449	-	-	-	-	-	-
14	1055	748	1680	870	1789	822	-	-
15	9440	5365	-	-	-	-	-	-
16	16895	6113	1680	870	1789	822	-	-
G.Total		-	-	-	-	-	-	-

THE TONNAGE OF IMPORTS & EXPORTS HANDLED AT INTERMEDIATE AND MINOR PORTS

(UNIT: 1000 TONNES)

Sr. No.	Nature of Ports, traffic,	1960-61			1962-63			1963-64		
		1	2	3	4	5	6	7	8	
1 Mandvi										
	Import	23.3		22.3		19.7		17.8		12.0
	Export	7.0		10.8		11.2		11.1		13.4
	Total	30.8		33.1		30.9		28.9		25.4
2 Navalsahi										
	Import	30.0		67.7		129.9		85.3		213.5
	Export	67.0		56.2		69.9		66.2		54.2
	Total	97.0		123.9		199.8		151.5		267.7
3 Bedi										
	Import	34.1		59.6		29.9		22.4		27.6
	Export	317.4		366.7		430.1		486.1		436.4
	Total	351.5		426.3		460.0		508.5		464.0
4 Sikkka										
	Import	3.8		35.1		93.1		69.5		70.8
	Export	101.6		137.0		162.1		205.6		154.7
	Total	205.4		172.1		255.2		279.1		265.5

TABLE NO. 32

Sl. No.	Porta	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71
1	2						
		10			14	13	14
1	Mandvi	13.9	14.7	19.4	15.5	13.4	12.6
		15.0	8.9	9.9	7.2	3.7	13.7
2	Nevi & thi	28.9	23.6	29.3	22.7	17.1	26.3
		292.5	326.1	339.7	164.2	157.0	21.1
		29.6	55.4	70.9	74.1	77.1	63.4
3	Bedi	322.1	381.5	410.6	238.3	234.5	84.5
		22.1	30.1	23.4	18.9	17.7	13.7
		314.7	335.8	338.4	472.3	431.9	467.7
4	Sitka	336.8	366.3	361.8	491.2	449.6	481.4
		81.9	50.1	32.4	30.0	32.0	1.6
		203.4	186.5	155.4	232.3	258.8	266.6
		284.3	236.6	187.8	262.3	290.8	268.2

TABLE NO.32 contd..

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Sr.No.	Ports	Nature of traffic	1960-61	1961-62	1962-63	1963-64
1						
2			3	4	5	6
3						7
4						
5	Oikha	Import	210.1	254.1	379.3	390.8
		Export	381.7	433.3	447.4	346.1
		Total.	591.8	687.4	826.7	736.9
6	Porbandor	Import	59.6	45.6	36.6	28.9
		Export	85.1	91.9	126.3	142.4
		Total.	144.7	137.5	162.9	171.3
7	Veraval	Import	88.3	68.1	62.1	59.3
		Export	138.9	114.6	138.0	197.5
		Total.	227.2	182.7	200.1	256.8
8	Bhavnagar	Import	193.9	233.1	359.2	412.3
		Export	148.7	120.1	153.9	188.7
		Total.	342.6	353.2	513.1	601.0
9	Salgash	Import	-	-	-	-
		Export	-	-	-	-
		Total.	-	-	-	-

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Sr. No.	Roya	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71
1	2	8	9	10	11	12	13	14
2	3	4	5	6	7	8	9	10
3	4	5	6	7	8	9	10	11
4	5	6	7	8	9	10	11	12
5	6	7	8	9	10	11	12	13
6	7	8	9	10	11	12	13	14
7	8	9	10	11	12	13	14	15
8	9	10	11	12	13	14	15	16
9	10	11	12	13	14	15	16	17

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TABLE NO. 32 contd.

Sr. No.	Nature of Ports Traffic.	1960-61	1961-62	1962-63	1963-64	1964-65
10.	Import.	13.4	10.7	11.4	11.6	12.2
	Export.	14.4	10.2	14.5	7.9	6.9
	Total	27.8	20.9	25.9	19.5	18.9
11.	Import.	13.6	12.2	10.9	10.9	12.9
	Export.	4.3	4.0	4.3	5.7	4.7
	Total.	17.9	16.2	15.2	16.6	17.6
	Import	670.6	808.5	1132.1	1108.8	1027.8
	Export.	1366.1	1344.8	1557.7	1661.3	1466.0
	Total	2038.7	2153.3	2689.8	2770.1	2798.8
Minor ports.	Import.	92.4	80.5	74.8	82.3	74.8
	Export.	254.6	234.1	263.5	292.0	323.9
	Total	347.0	314.6	338.3	374.3	398.7
	Import.	763.3	889.0	1206.9	1191.1	1404.6
	Grand					
	Export.	1620.7	1378.9	1823.5	1933.3	1789.9
	Total	2383.7	2467.9	3028.1	3144.4	3194.5

* The port at Salaya has been categorised as an Intermediate port from 1968-69.

TABLE NO. 32

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Sr.No.	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71
10 Broach	4.1	3.8	3.0	1.6	0.8	0.3
11 Surat	0.6	1.9	1.6	0.9	0.3	0.2
12.8	23.1	25.6	15.9	21.9	7.4	
13.4	25.0	47.2	16.8	22.2	7.6	
1523.2	1653.0	1642.0	1306.4	1149.2	636.4	
Total.	1349.8	1521.8	1516.0	2008.2	1744.4	1722.2
Minor ports	2373.0	3204.8	3158.6	3314.6	2893.6	2358.6
Total.	310.7	302.2	407.7	308.0	314.9	239.2
G.Total.	389.7	365.4	473.4	383.3	387.7	307.5
	1602.2	1746.2	1707.7	1382.2	1222.0	704.7
	1660.5	1824.0	1923.7	2116.2	2059.3	1961.4
Total	3262.7	3570.2	3631.4	3698.4	3281.3	2666.1

Source: Directorate of Ports, Gujarat State, Ahmedabad.

KSN /

IMPORT & EXPORT TRAFFIC CLASSIFIED AS FOREIGN & COASTAL AT INTERMEDIATE
& HINTERORTS.

(UNIT:- '000 TONNES).

Sr. No.	Port	Nature of Traffic	1960-61			1961-62			1962-63			1963-64			1964-65		
			Foreign	Coastal	Total												
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	

Intermediate Ports

1. Manavi	Foreign			1.0			1.3			0.3			0.2			0.5				
	Foreign			29.8			31.8			30.6			28.7			24.9				
	Coastal			Total			33.1			30.9			28.9			25.4				
2. Navishti	Foreign	Coastal	Total	29.6	67.4	97.0	16.3	107.6	123.9	42.7	157.1	199.8	23.9	127.6	151.5	23.9	187.3	80.4	267.7	
3. Bodi	Foreign	Coastal	Total	257.7	93.8	351.5	276.2	150.1	426.3	356.8	103.2	398.1	112.4	255.2	172.1	103.2	402.2	61.8	61.8	
4. Sitakuli	Foreign	Coastal	Total	52.7	152.7	205.4	18.8	163.3	426.3	-	460.0	508.5	-	255.2	307.1	460.0	464.0	6.2	6.2	
5. Okha	Foreign	Coastal	Total	260.1	323.7	591.8	307.1	380.3	687.4	319.2	507.5	537.3	289.1	537.3	826.7	319.2	537.3	265.5	259.3	259.3
6. Porbandar	Foreign	Coastal	Total	34.2	119.5	151.7	28.2	109.3	137.5	21.6	142.3	162.9	21.6	142.3	171.3	21.6	142.3	158.0	45.9	45.9

Sr. No.	Post	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71
1	2	9	10	11	12	13	14
1	Mandvi	-	-	0.1	0.1	0.2	6.9
		28.9	23.6	29.2	22.6	17.0	19.4
		28.9	23.6	29.3	22.7	17.2	26.3
		288.4	384.7	395.3	199.5	166.4	52.8
2	Navalsachi	33.7	26.8	15.1	38.5	68.1	26.3
		322.1	381.5	410.6	238.2	234.5	84.5
		287.9	327.7	331.3	442.6	412.9	430.7
		48.9	38.6	30.5	48.6	36.7	50.7
		336.8	365.3	361.8	491.2	449.6	481.4
		14.6	6.6	37.0	121.1	99.4	109.9
4	Sikka	269.7	230.0	150.8	144.2	191.4	158.3
		284.3	236.6	187.8	262.3	290.8	268.2
		168.1	143.6	47.4	118.2	141.9	165.2
		563.5	603.9	3712.5	698.2	422.8	331.0
		751.6	847.5	743.9	816.4	564.7	496.2
		72.0	63.3	65.8	135.4	132.4	89.2
6	Port Under	173.3	172.3	296.9	293.3	117.3	-
		245.3	261.2	282.3	340.3	275.6	206.4

- 157 - TABLE NO.33 contd.

			1	2	3	4	5	6	7	8
7	Veraval	Foreign	53.3	62.9	88.5	147.3				133.2
		Costal	173.9	119.8	111.6	109.5				121.4
		Total	227.2	182.7	200.1	234.8				234.6
		Foreign	169.7	139.3	246.4	317.9				383.1
8	Bhavnagar	Costal	142.9	213.9	266.7	283.1				245.0
		Total	342.6	353.2	513.1	601.0				628.1
		Foreign	-	-	-	-				-
9	Brocach	Costal	27.8	20.9	25.9	19.5				18.9
		Total	27.8	20.9	25.9	19.5				18.9
		Foreign	-	-	-	-				-
10	Surat	Costal	17.9	16.2	15.2	16.6				17.6
		Total	17.9	16.2	15.2	16.6				17.6

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TABLE NO. 33 contd.

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
		65.3		169.1		195.5		105.6		114.7		138.0			
	7	Veraval	108.5		110.4		132.0		130.3		105.4		125.2		
		174.3		279.5		327.5		235.9		220.1		264.2			
		499.4		560.7		544.5		494.6		504.2		319.9			
	8	Bhavnagar	130.9		211.8		203.9		251.5		182.0		107.1		
		695.3		772.5		746.4		746.1		696.2		427.0			
		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	Bro. Sth	17.0		11.1		13.2		12.3		6.3		6.1		
		17.0		11.1		13.2		12.3		6.3		6.1			
		-	15.7	36.4	-	-	-	19.3	-	-	-	-	-	-	-
	10	Surat	13.4		9.3		10.8		16.8		11.9		7.6		
		-	13.4	-	25.0		47.2		16.8		22.2		7.6		

TABLE NO.33, contd.

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	1	2	3	4	5	6	7	8
11 Salaya *	Foreign							
	Coastal							
Total								
Foreign	896.3	850.1	1075.5	1107.5	1393.7			
Coastal	1140.4	1303.2	1614.3	1662.6	1402.1			
Total	2036.7	2153.3	2639.9	2770.1	2795.8			
Foreign	116.5	13.2	35.6	93.8	105.4			
Coastal	230.5	301.4	302.7	280.5	293.3			
Total	347.0	314.6	338.3	274.3	398.7			
Foreign	1012.8	863.3	1111.1	1201.3	1499.1			
Grand Total	1370.9	1604.6	1917.0	1943.1	1695.4			
Total	2333.7	2467.9	3028.1	3144.4	3194.5			

*The port at Salaya has been categorised as an Intermediate port from 1968-69.

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TOTAL NO. 33 contd.

9	10	11	12	13	14
Salaya	-	-	69.8	66.8	50.7
-	-	-	62.6	59.7	39.9
-	-	-	132.4	126.5	90.6
1416.2	1665.5	1643.5	1637.2	1649.3	1369.7
Total	1456.8	1533.8	1514.5	1627.0	1247.5
2673.0	3204.8	3158.0	3314.6	2893.8	2358.6
104.4	112.3	193.8	138.0	180.5	84.0
235.3	277.9	274.6	245.8	207.0	223.6
389.7	365.4	473.4	363.8	387.5	307.6
1520.5	1724.8	1342.3	1825.1	1829.8	1453.7
Grand total	1742.1	1785.4	1769.1	1873.3	1451.5
3262.7	3570.2	3631.4	3698.4	3291.3	2666.1

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Sources: - Director of ports, Gujarat State, Ahmedabad.

EPI

TABLE NO. 34-A
EXPORT AND EXPORT TRAFFIC HANDLED BY IMMEDIATE AND MINOR PORTS.

YEAR - 1968-69 (Unit 1000 Tonnes)

Sr. No.	Port.	Foreign Imports	Imports Cotton		Total
			1	2	
Intermediate ports:					
1.	Mandvi	0.1		15.4	15.5
2.	Navlakhi	145.6		18.5	164.1
3.	Bedi.	3.1		8.8	18.9
4.	Sikka	-		27.9	29.9
5.	Okha	-		474.2	474.2
6.	Porbandar	3.6		23.6	27.2
7.	Veraval	7.6		61.3	68.9
8.	Bhavnagar	362.2		115.7	478.9
9.	Brocach	-		10.7	10.7
10.	Surat.	-		15.9	15.9
11.	Salaya *	-		2.0	2.0
	Total	523.7		776.0	1306.2
	Minor ports			76.0	76.0
	Grand Total	523.2		854.0	1362.2

* The port at salaya has been categorised as an intermediate port from 1968-69.

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TABLE NO. 34-A (contd.)

Sr.No.	Port	Foreign Exports Coastal	Total
		Rs.	
1	26	7	8
<u>Intermediate ports.</u>			
1	Mandvi	-	7.2
2	Navlakhi	54.1	20.0
3	Bedi	435.5	33.8
4.	Sikka	121.1	111.2
5.	Okha	118.2	224.0
6.	Porbandar	131.8	181.2
7.	Veraval	93.0	69.9
8.	Bhavnagar.	132.4	134.8
9.	Broach.	-	1.6
10.	Surat.	-	0.9
11.	Salaya	65.8	60.6
	Total	1159.9	849.2
	Minor ports.		2003.1
	G.Total	1206.9	1019.3
			2316.2

TABLE NO. 31-A (cont'd.)

Sr.No.	Port	Total of Imports & Exports		Total
		Foreign	Domestic	
1	Mandvi	0.1	22.6	22.7
2	Nevlaikhî	199.7	233.2	432.9
3	Bedî.	442.6	48.6	491.2
4	Sikka	121.1	141.1	262.2
5	Okha	118.2	690.2	808.4
6	Porbandar	133.4	264.6	340.2
7	Veraval	105.6	130.2	235.8
8	Bhavnagar	456.6	251.5	746.1
9.	Brocach	-	12.3	12.3
10.	Surat.	-	16.8	16.8
11.	Salaya.	69.8	62.6	132.4
Total		1657.1	1627.2	3314.3
Minor ports		125.0	246.1	371.1
G. Total		1825.1	1872.3	3697.4

Source:- Director of Ports, Government of Gujarat, Ahmedabad.

- 64 - TABLE NO. 34-B.
IMPORT AND EXPORT TRAFFIC HANDLED BY INTERMEDIATE &
MINER PORTS

(YEAR: 1969-70)
(UNIT: '000 TONNES).

Sr.No.	Port	Imports		Total
		Foreign	Coastal	
1	2	3	4	5
Intermediate ports				
1	Mandvi	0.2	13.2	13.4
2	Navlakhni	108.0	49.0	157.0
3	Bedi	12.8	4.9	17.7
4	Sikka	-	32.0	32.0
5	Okha	79.3	252.1	331.4
6	Porbandar	16.9	17.5	34.4
7	Veraval	26.6	51.4	78.0
8	Bhavnagar	350.9	105.1	456.0
9	Broach	-	5.5	5.5
0	Surat	10.3	11.6	21.9
11	Sakaya *	-	1.9	1.9
	Total	605.0	544.2	1149.2
	Miner ports		72.8	72.8
	Grand Total.	605.0	617.0	122.0

*The port at Slaya has been categorised as an Intermediate port from 1968-69.

185 - TABLE NO. 34-D (CONT'D.)
IMPORT AND EXPORT TRAFFIC HANDLED BY DILIGENTIA PORTS AND MINOR

(YEARS 1969-70)
 (IN Rs. 1000. RUPIES)

Sr. No.	Port	Exports		Total
		Foreign	Domestic	
1		6	7	8
2		2		
3		6		
4		6		
5		6		
6		6		
7		6		
8		6		
9		6		
10		6		
11		6		
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375		6		
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TABLE NO. 34-B (contd.)

Sr.No.	Port	Total of Imports & Exports		Total
		Foreign	Coastal	
1	2	9	10	11
Intermediate ports.				
1	Mandvi	0.2	16.9	17.1
2	Navlakhi	166.4	68.1	234.5
3	Bedi	412.9	36.7	449.6
4	Sikka	97.4	191.4	290.8
5	Okha	142.0	422.7	564.7
6	Porbandor	132.4	143.2	275.6
7	Veraval	114.7	105.3	220.0
8	Bhavnagar	55.9.3	162.5	686.1
9	Broach	-	6.3	6.3
10	Surat	11.3	11.9	22.2
11	Salaya	66.8	59.7	126.5
	Total	1649.2	1244.2	2893.4
	Minor Ports.	180.6	297.3	387.9
	G.Total.	1829.8	1451.5	3881.3

Source: Director of Ports, Govt. of Gujarat, Ahmedabad.

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TABLE NO. 34-C.
**IMPORT AND EXPORT TRAFFIC HANDLED BY INTERMEDIATE AND MINOR
 PORTS OF GUJARAT**
(YEAR 1970-71)
(U.Mt '000 tonnes)

Sr. No.	Ports	Imports		Total
		Foreign	Coastal	
1		2	3	4
1	Mandvi	0.1	12.5	12.5
2	Navlakhi	9.6	11.4	21.0
3	Bedi	10.8	2.9	13.7
4	Sikka	-	1.6	1.6
5	Okha	53.2	194.5	247.7
6	Porbandar	5.9	23.5	29.4
7	Veraval	2.7	66.6	69.3
8	Bhavnagar	176.3	50.0	226.3
9	Eroach	-	5.8	5.8
10	Surat	-	7.4	7.4
11	Salaya	-	1.5	1.5
	Total	253.6	377.6	636.2
	Minor ports	-	65.4	68.4
	Grant Total	255.6	445.0	704.6

Sr. No.	Ports	Foreign Exports	Coastal Exports	Total
1	2	6	7	8
1	Mandvi	6.8	6.9	13.7
2	Navlakhi	47.5	11.9	63.4
3	Bedi	419.9	47.7	457.6
4	Sikka	102.9	156.7	266.6
5	Okha	112.0	136.6	248.6
6	Porbandar	83.2	92.8	177.0
7	Veraval	125.3	52.6	194.9
8	Bhavnagar	143.7	57.1	200.8
9	Broach	-	0.3	0.3
10	Surat	-	0.2	0.2
11	Salaya	53.7	33.4	89.1
	Total	111.0	61.2	172.2
	Minor Ports	84.1	153.2	239.3
	Grant Total.	195.1	766.4	1961.5

TABLE NO. 34-C. (contd.)

Sr.No.	Ports	Total of Imports & Exports.			Total
		Foreign	Coastal	Total	
1	2	3	4	5	6
1	Mandvi	6.9	19.3	26.2	
2	Navlakhi	53.1	26.3	84.4	
3	Bedi	430.7	50.6	481.3	
4	Sikka	103.9	158.3	268.2	
5	Okha	165.2	331.1	496.3	
6	Porbandar	88.1	17.5	206.4	
7	Veraval	139.0	125.2	264.2	
8	Bhavnagar	320.0	107.1	427.1	
9	Broach	-	6.1	6.1	
10	Surat.	-	7.6	7.6	
11	Salaya	50.7	39.9	90.6	
	Total	1340.6	932.8	2359.4	
	Minor Ports.	84.1	223.6	307.7	
	Grant Total.	1453.7	1212.4	2666.1	

Sources - Director of Posts, Gujarat State, Ahmedabad.

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IMPORT TRADE AT KANDLA

TABLE NO. 35.

(UNIT: '000 TONNES)

Sr.No.	Commodity	1961-62	1962-63	Coastal	Foreign	Total	Coastal	Foreign	Total
1	Wheat, Rice	5.4	5.5	5.4	5.5	10.9	6.6	7.3	14.0
1		228.2	228.2	228.2	228.2	456.4	286.8	286.8	736.8
2	Maize	-	93.7	93.7	98.7	-	91.2	61.2	61.2
3	Rock Phosphate	-	-	-	-	-	15.0	15.0	15.0
4	Sulphur	-	7.6	7.6	7.6	-	12.0	12.0	12.0
5	Fertilizers.	-	31.8	31.8	31.8	-	98.0	98.0	98.0
6	Jute-products.	-	-	-	2.3	-	-	-	2.3
7	Building materials	1.9	-	4.9	-	-	-	-	-
8	Timber	3.0	-	2.0	-	-	-	-	-
9	Iron & Steel	3.1	-	3.1	26.4	-	-	-	26.4
10	Miscellaneous	353.0	432.4	737.4	386.8	524.5	921.3	921.3	1413.0
	Total	315.0	798.7	1113.7	411.5	997.5	1413.0	1413.0	1413.0

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TABLE NO.35 (contd.)

Sr.No.	Coastal	Foreign	Total	Coastal	Foreign	Total
1	9	12	21	11	12	23
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	4.8	-	4.8	6.2	-	6.2
7	-	-	-	2.4	-	2.4
8	-	-	-	0.9	-	0.9
9	4.6	-	4.6	5.2	-	5.2
10	391.0	559.3	950.3	384.9	574.3	958.2
Total	400.4	970.0	1491.0	399.6	1655.7	2054.3

KSN /

TABLE NO. 35 contd.

Sr.No.	Commodity	Coastal 1965-66	Foreign 1965-66	Total 1965-66	Coastal 1966-67	Foreign 1966-67	Total 1966-67
1	Wheat, Rice	-	1111.7	1111.7	-	1152.1	1152.1
2	Maize,	-	133.3	133.3	-	89.4	89.4
3	Rock Phosphate	-	16.8	16.8	-	31.4	31.4
4	Sulphur	-	7.7	7.7	-	2.1	2.1
5	Fertilizers	-	108.5	108.5	-	256.9	256.9
6	Jute-products	13.3	-	13.3	14.6	-	14.6
7	Building mate- rials.	8.7	-	8.7	6.4	-	6.4
8	Timber	0.6	-	0.6	0.7	-	0.7
9	Iron & Steel	-	-	-	-	-	-
10	Miscellaneous	470.2	465.6	935.8	526.8	342.4	870.2
	Total	193.8	1943.6	2236.4	548.5	1075.3	2423.8

TABLE NO. 35 contd.

Sr.No.	Commodity	Coastal	Foreign	Total	Coastal	Foreign	Total
1		21	22	43	25	24	50
2		-	-	-	-	-	-
3		-	47.0	47.0	-	85.7	85.7
4		-	33.5	33.5	-	20.4	20.4
5		-	240.5	240.5	-	310.2	310.2
6		13.7	-	12.7	7.3	-	7.3
7		0.6	-	0.6	7.7	-	7.7
8		0.6	-	0.6	-	-	-
9		0.3	-	0.3	-	-	-
10		502.3	227.0	735.3	564.6	143.9	713.5
Total		531.5	1737.4	2268.9	579.6	1129.6	1709.2

Source: Traffic Manager, Kandla Port Trust, Kandla.

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Sr. No.	Foreign	Coastal	Foreign	Total	Coastal	Foreign	Total	Coastal	Foreign	Total
1	27	23	29	30	31	31	32	31	31	32
2	-	-	-	-	-	-	-	-	-	-
3	-	-	19.8	18.8	-	-	-	-	-	-
4	-	-	24.0	24.0	-	-	-	42.7	42.7	42.7
5	-	296.8	296.8	-	-	-	-	144.9	144.9	144.9
6	2.7	-	-	2.7	-	-	-	-	-	-
7	4.3	-	-	4.3	2.5	-	-	-	-	2.5
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	3.2	3.2	3.2
10	758.7	172.0	950.7	670.5	797.8	54.3	852.1	601.0	1474.0	1474.0
Total	765.7	1038.1	1803.8	673.0	801.0	54.3	1474.0			

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TABLE NO. 36

EXPORT TUNNAGE AT KANDLA (UNIT: '000' TONNES)

Sr.No.	Commodity	Coastal	Foreign	Total	Coastal	Foreign	Total
							<u>1962-63</u>
							<u>1961-62</u>
1	Salt	39.2	78.4	49.7	49.7	49.7	99.4
2	Cotton & cotton goods.	0.6	1.9	2.5	2.2	6.5	8.7
3	Sugar	-	25.7	25.7	-	43.3	43.3
4	Formaldehyde	-	-	-	-	-	-
5	Alcohol	-	8.1	8.1	-	6.6	6.6
6	Iron & Steel	-	-	-	0.7	-	0.7
7	Iron ore and scrrops	-	106.0	106.0	-	114.4	114.4
8	Bones	-	7.3	7.3	-	11.0	11.0
9	Miscellaneous	44.5	-	44.5	47.3	-	47.3
	Total	84.3	188.2	272.5	99.9	231.5	331.4

TABLE NO. 36 contd.

Sr.No.	Commodity	Total	Foreign	Total	1964-65	
					Coastal	Foreign
1	1	10	11	12	13	14
1	31.7	31.7	63.4	77.9	77.9	155.8
2	1.8	5.5	7.3	1.7	5.0	6.7
3	-	68.7	68.7	-	-	-
4	2.2	-	2.2	1.4	-	1.4
5	-	-	-	-	-	-
6	1.2	-	1.2	11.3	-	1.3
7	-	73.2	73.2	-	39.6	39.6
8	-	9.4	9.4	-	10.8	10.8
9	39.2	8.9	48.1	35.4	7.4	42.8
Total	76.1	197.4	273.5	117.7	140.7	258.4

TABLE NO.36 contd.

Sr.No.	Commodity	1965-66		1966-67		Total	
		Coastal	Foreign	Total	Coastal	Foreign	
1	-	15	16	15	17	18	19
2	-	-	-	-	-	-	20
1	Salt	36.1	54.5	90.6	29.2	70.3	99.5
2	Cotton and cotton goods.	3.2	1.9	5.1	1.1	0.8	1.9
3	Sugar.	-	11.0	11.0	-	60.7	60.7
4	Formaldehyde	3.3	-	3.4	2.5	-	2.5
5	Alcohol	-	-	1.7	-	10.6	10.6
6	Iron & Steel	0.5	-	0.5	0.1	-	0.1
7	Iron ore & scrops	-	19.6	19.6	-	5.1	5.1
8	Bones	-	4.4	4.4	-	2.8	2.8
9	Miscellaneous.	30.8	1.4	32.2	53.6	0.6	54.2
Total.		73.9	84.5	168.4	86.5	150.9	237.4

TABLE NO.36 contd.

Sr.No.	Commodity	Coastal	Foreign	Total	1968-69	
					21 22	23 24
1	34.3	90.0	124.3	61.3	105.3	166.6
2	0.5	2.0	2.5	0.5	-	0.5
3	-	-	-	-	-	-
4	0.5	-	0.5	0.5	-	0.5
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	6.4	6.4
8	-	10.3	10.3	-	9.0	9.0
9	59.1	9.4	67.5	91.2	52.1	143.3
Total	93.4	110.7	205.1	153.5	172.8	326.3

Source: Traffic Manager, Kandla Port Trust, Kandla.

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TABLE NO. 179 Contd.

Sr.No.	Commodity	1969-70			1970-71		
		Coastal 27	Foreign 28	Total 29	Coastal 30	Foreign 31	Total 32
1	31.8	143.5	175.3	28.6	49.9	78.5	
2	-	-	-	-	-	-	
3	-	-	-	-	-	-	
4	-	-	-	-	-	-	
5	-	-	-	-	2.0	2.0	
7	-	-	-	-	4.1	4.1	
8	-	7.0	7.0	-	-	-	
9	21.5	101.3	123.3	3.7	49.7	53.7	
Total	53.3	252.3	305.6	32.3	105.7	138.0	

KSN/

TABLE NO.37

TRAFFIC HANDLED BY KANDLA PORT

Sr. No.	Year	Traffic handled (in lakh tonnes)	No.of ships 3	No.of sailing vessels. 4
1	1960-61	15.9	291	861
2	1961-62	13.8	229	909
3	1962-63	17.4	309	923
4	1963-64	17.7	296	606
5	1964-65	23.1	346	555
6	1965-66	25.0	279	708
7	1966-67	26.6	292	409
8	1967-68	24.6	271	321
9	1968-69	20.4	261	206
10	1969-70	21.1	267	131
11	1970-71	21.1	232	64

KSN/

Source :- Traffic Manager,
Kandla port Trust,
Kandla

REVENUE RECEIPTS FROM PORTS

TABLE NO.38

(UNIT: '000 TONNES)

Groups of Ports Officer in charge of groups with Q.C.		1960-61	1961-62	1962-63	1963-64	1964-65
1	2	3	4	5	6	7
Bhavnagar & Mahuva	The Port Officer, Bhavnagar.	2076.9	2199.7	3163.5	3453.5	4245.2
Bedi	The Port Officer, Bedi Port, Jamnagar	1428.1	2393.0	3054.3	3620.1	3551.8
Veraval	The Port Officer, Veraval	968.0	820.3	1055.9	1504.4	1410.7
Porbandar	The Port Officer, Porbandar.	667.4	614.6	844.4	1049.8	694.2
Navlakhi	The Port Officer, Bedi Port, Jamnagar.	755.5	952.4	1257.1	1507.8	2192.3
Okha	The Port Officer, Okha.	1932.7	2053.9	2883.5	3473.4	2936.5
Mandvi	The Deputy Engineer & Port Officer, Mandvi (Kutch).	255.2	319.7	386.3	568.9	507.7
Broach	The Deputy Engineer & Port Officer, Broach Directorate of Ports Ahmedabad.	32.3	31.9	65.8	78.3	110.1
	Total.	8616.1	9386.5	12706.8	15266.8	15649.4

Groups of Ports	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71
1	8	9	10	11	12	13
Bhavnagar & Mahuva.	4320.6	5509.3	5654.9	6840.0	6591.7	5131.2
Bedi	3184.2	3372.6	3678.4	6095.3	5248.8	4889.0
Veraval	931.7	1286.9	2480.1	1638.6	2371.3	2155.7
Porbandar	1074.4	1263.1	1228.5	1971.1	1844.6	1441.4
Navlakhi	2611.4	3650.8	3776.2	2832.0	2536.2	1034.2
Okha	3247.0	3525.1	3554.2	4272.8	3225.6	2838.3
Mandvi	514.7	523.1	669.1	592.6	407.9	443.5
Broach	168.1	193.7	438.9	466.2	369.7	186.9

Directorate of Ports
Ahmedabad.

Total.	7.4	0.6	0.8	1.1	30.5	-
	16109.5	19120.2	21281.1	24709.7	22626.3	16120.2

Source:- Director of Ports, Gujarat State, Ahmedabad.

Table No. 39

- 183 - EXPENDITURE INCURRED ON PORTS

(UNIT : 00)

Group of ports	Officer in charge of group with H.Q.	Maintenance works	Original works	Maintenance works
1	2	3	4	5
Bhavnagar & Mumbai.	The Port Officer, Bhavnagar.	3431.0	2573.0	3437.0
Bedi	The Port Officer, Bedi port, Jamnagar.	153.1	1288.0	2187.5
Veraval	The Port Officer, Veraval.	826.3	2063.0	929.7
Porbandar	The Port Officer, Porbandar.	713.8	2127.7	797.0
Navlakhi	The Port Officer, Bedi port, Jamnagar.	626.4	-	960.3
Okha	The Port Officer, Okha.	475.6	1717.3	1551.6
Mandvi	The Dy. Engineer & Port Officer, Mandvi (Rutcher).	23.8	1900.0	243.3
Broach	The Dy. Engineer & Port Officer, Broach	158.3	257.0	240.6
Collection of ports,				
Arrears		135.8	117.0	194.1
Due		8095.1	117.0	10536.1
Total				6831.7

TABLE NO. 39 contd.

Group of ports.	1962-63 Maintenance works	Original works	Maintenance works	Original works
1	7	8	9	10
Bhavnagar & Mahuva.	4069.3	1253.2	4252.3	676.1
Zedi	1 2493.2	922.7	2724.0	894.3
Veraval	1217.9	1215.6	1357.2	1627.5
Porbandar	1202.9	603.4	1023.2	1438.6
Navlakhi	1336.4	214.2	1331.1	15.0
Okha	1505.0	509.7	1734.2	1367.9
Mandvi	262.3	192.2	492.2	805.7
Sirodi	135.6	577.1	227.1	1225.4
Director of Ports Ahmedabad.	222.6	-	219.5	-
Total	12456.7	5193.1	13347.6	8052.5

Group of Parts	Officer in charge	1964-65	1965-66	1966-67
Group of Officers in charge of group with H.Q. Works	Maintenance Officer, Works	111.1	112.2	112.2
Bhd.	The Port Officer, Bhavnagar & Mahuva	4379.2	1672.9	5565.2
	The Port Officer, Dedi Port, Jamnagar.	2648.9	874.8	1325.8
Veraval	The Port Officer, Veraval.	1118.7	2009.5	1166.1
Poibendar	The Port Officer, Porbandar	1116.3	1753.8	1057.6
Narolakhi	The Port Officer, Dedi Port, Junnar 1890.7	16.0	117.7	105.1
Otka	The Port Officer, Okha.	1317.7	3147.6	1997.2
Mandvi	The Dy. Engineer & Port Officer, Mandvi (Kutch)	611.0	298.5	654.7
Branch	The Dy. Engineer & Port Officer, Dedi Port	422.6	1691.3	756.6
	Director of Ports Ahmedabad.	257.3	-	293.8
Total.		3111.2	11376.4	16764.6
				13272.5
				11733.4

TABLE NO. 39 Contd.

Group of Ports	1967-68	1968-69	1969-70	Mainten- ance works	Origin- al works	Mainten- ance works	Original works	Mainten- ance works	Original works	1970-71
Bhavnagar & Mahuva	5497.4	6582.6	7265.2	1596.3	6908.9	2697.4	7185.9	11041.9		
Bedi	3230.5	3111.3	5241.2	885.9	3117.7	3028.5	4840.0	3523.3		
Varaval	1726.9	146.8	196.1	253.7	1875.7	1059.9	2037.1	1152.3		
Porbandar	1194.7	3647.0	2047.6	1282.9	1655.3	5378.1	2497.7	3315.3		
Navlakhi	2918.6	185.5	3435.7	93.7	2652.7	16.8	2067.8	-		
Okha	1639.3	818.7	2477.0	2904.5	2355.5	1766.9	2698.8	4911.7		
Manavdi	639.4	-	789.2	14.0	728.4	37.3	787.5	269.0		
Broach	880.2	411.2	1036.4	732.1	840.2	815.6	877.5	962.3		
Director of Ports Ahmedabad.	355.6	-	360.0	-	100.4	-	136.3	-		
Total	18132.5	12304.1	24559.9	7763.2	22378.6	14300.5	24228.5	20666.8		

Source:- Director of Ports, Gujarat State, Ahmedabad.

TABLE NO. 40

(UNIT: מילוי %.)

Sr. No.	Year.	General Account	Subsidiary Account	Total	
1	2	3	4	5	6
1	1960-61	81633.6	127.5	-	8693.1
2	1961-62	8308.7	112.1	-	8420.8
3	1962-63	11662.5	213.9	-	11873.4
4	1963-64	11142.0	230.4	-	11722.4
5	1964-65	12111.3	348.5	11400.0	23898.8
6	1965-66	12245.2	335.5	-	15621.7
7	1966-67	17964.0	522.0	-	18486.0
8	1967-68	18271.2	623.8	-	18895.0
9	1968-69	19906.2	1189.3	-	21095.5
10	1969-70	24655.9	1617.0	-	26272.9
11	1970-71	21157.9	120.6	-	21278.5

“The first time I saw the new version of the software, I was blown away by how much better it was than the previous version.”

S. argentea var. *lutea* (L.) C. Nees, *Bot. Zeit.* 1842, p. 100.

¹ See *U.S. v. Gandy*, 415 U.S. 853 (1974).

KSN /

TABLE NO.41

EXPENDITURE ON KANDLA PORT (UNIT: '000 Rs.)

Sr. No.	Year.	General Account Exclusive Debt of debt charges.	Pilotage Account Expenditure chal- rges	Sur- al	Spec- ial plus (+)	Total Expen- diture	Def- icit (-)	1	2	3	4	5	6	7	8
1	1960-61	5659.7	-	191.2	(-)63.7	2400.0	8250.9								
2	1961-62	5023.5	-	230.4	(-)118.3	2050.0	7303.9								
3	1962-63	6334.8	-	321.0	(-)107.1	2336.0	8991.8								
4.	1963-64	6224.8	-	188.1	(+) 92.3	4486.8	10899.7								
5	1964-65	8262.5	-	250.8	(+) 97.7	14801.0	23314.3								
6	1965-66	8828.9	1615.5	261.5	(+) 74.0	2348.0	13053.9								
7	1966-67	10619.2	1759.2	353.3	(+)168.7	3597.5	16329.3								
8	1967-68	13480.5	1903.0	427.7	(+)196.1	2171.3	17982.5								
9	1968-69	13345.5	1989.2	1302.9	(-)113.6	3247.0	19884.6								
10	1969-70	21281.3	2406.3	1704.0	(-)296.7	-	25391.6								
11	1970-71	21338.0	2696.0	1910 .0	(-)1795.0	-	25956.0								

Source: Kandla Port Trust

Administration Report ,1968-69,1969-70,1970-71.

KSN/

SPECIAL SERVICES

S. 189.00

Table. No. 42.A

AIR SERVICES, CAPACITIES AND OPERATIONS, AIR MAIL TONNE KILOMETERS, PASSENGERS CARRIED, TONNE
KILOMETERS, CARGO T.C.

Sr. No.	Service No.	Aircraft Knts.	Seat Knts.	Passenger Knts.	Tons Knts.		Perform 7
					3	4	
1.	Dolhi, Jaipur, Ahmedabad, Bomby,	876309	41779422	23094240	3822392	2379242	
2.	Bombay, Ahmedabad, Udaipur, Jaipur, Delhi.	882347	32126034	23622878	3294528	2377580	
3.	Bombay, Keshod, Porbandar	325232	6576252	4551933	635816	446565	
4.	Bombay, Jorhat, Kandla, Bhuj Vidarbha, Nagpur, Jamnagar Bhuj (Gulf Jet)	416033	15657276	10412049	1897669	1010248	
5.	Bombay, Phadnis, Palanpur, Bhopal, K.B.H.I - Bhuj (W.M. 16.11.67)	303712	10002616	600250	1618372	747551	
6.	Bombay, Bhavnagar	222510	780412.2	5036384	977915	513222	

LSP/

Table No. 42-A (contd)

(Year 1967-'68)

Sr. No.	Service No.	No. of Passenger carried	Excess Baggage (Kgs).	Mail (Kgs.)	Freight (kgs)
1	2	8	9	10	11
1.	Delhi, Jaipur, Ahmedabad, Bombay.	42707		15976	191067
2.	Bombay, Ahmedabad, Udaipur, Jaipur, Delhi.	51644	8166	219612	286084
3.	Bombay, Keshod, Porbandar.	11490	16099	16635	100242
4.	Bombay, Jamnagar, Kandla, Bombay, Jamnagar, Kandla, Bhuj (from 4/6/67) Bombay, Jamnagar, Bhuj (from Jan-'68)	28483	18090	80135	184279
5.	Bombay, Rajkot, Ahmedabad, Kandla, Bhuj (w.e.f. 16.11.67)	18407	10439	43212	178302
6.	Bombay, Bhavnagar	20021	12513	39002	149816

Source : Indian Airlines Corporation,
New Delhi.

LSP/

Table No. 42 B.

AIR SERVICES, CITIES AND OPERATIONS IN THE STATE OF KARNAKATA, GOVT. OF INDIA.
TOWNS KILOMETERS, GROSS DIST.

Seq. No.	Service No.	Arrival Kms.	Dist. Kms.	Passenger Entrs.	Passenger Kilometers Entrs.	Average Passenger Kilometers Entrs.	(Yrs.)
1	2	3	4	5	6	7	
1.	Delhi, Jaipur, Mumbai, Bhopal, Bombay (from 11-11-Ce), Delhi, Agartala, Port Blair, Ranchi (from 11-11-Ce), Patna, Jhansi, Lucknow, Gwalior, Jaipur, Delhi.	927161	44544205	3156016	4128094	3000000	
2.		885557	35000002	27728572	333762	2700000	
3.	Bombay, Jhansi, Lucknow, Ranchi (from 11-11-Ce)	215653	6430007	2100000	620000	400000	
4.	Bombay, Jhansi, Lucknow, Ranchi (from 11-11-Ce)	281157	16028530	1700000	1800000	1175000	
5.		301446	13601436	1700000	1520375	1000000	
6.	Bombay, Ahmedabad (Gandhinagar, Valsar, S. E. GS)	51152	2050002	1000000	201314	137472	
7.	Bombay, Bhavnagar.	263762	1000000	1000000	157665	635666	

LSP/

Table. No. 42.B (contd)
(Year 1968-69)

Sr. No.	Service	No. of Passenger carried	Excess Baggage (Kgs.)	Mail (Kgs.)	Freight (Kgs.)
1	2	2	9	10	11
1.	Delhi, Jaipur, Ahmedabad, Bombay (W.C.F. 15.4.68) Delhi, Agra, Jaipur, Ahmedabad, Bombay (from 11.11.68)	58966	20454	220582	200020
2.	Bombay, Ahmedabad, Udaipur, Jaipur, Delhi.	59173	12873	220848	312224
3.	Bombay, Keshod, Porbandar (from 10.10.68)	12231	12364	11942	59263
4.	Bombay, Jamnagar, Bhuj, Kandla	32440	18197	62575	202816
5.	Bombay, Rajkot, Bhuj (from 11.11.68)	25510	15971	49511	152632
6.	Bombay, Ahmedabad.	3207	927	7298	12864
7.	Bombay, Bhavnagar	22628	13541	40084	105175

Source : Indian Airlines Corporation,
New Delhi.

1112.

Table No. 42 C

AIR SERVICES, CAPACITIES AND OPERATION, AVAILABLE TONNE KILOMETERS, PASSENGERS CARRIED,
TONE KILOMETERS, CARGO F.T.C.

Sr. No.	Service No.	Aircraft Knts.	Seat Kilos metres	Passenger Kilometres	Available Revenue Tonne Kil- metres	(Year 1st Oct-70)
1	2	3	4	5	6	7
1.	Delhi, Jaipur Ahmedabad, Bombay (from 15.4.69)	879027	42193296	32878197	3951908	3269659
2.	Bombay, Ahmedabad, Udaipur Jaipur, Delhi.	928700	3247993	27085167	3585125	2655767
3.	Bombay, Kashid, Porbandar (from 1.11.69)	319937	71518C6	5239492	635883	497498
4.	Bombay, Jamnagar, Kandla, Bhuj.	431246	16776416	13428272	1921800	1297267
5.	Bombay, Rajkot, Bhuj (upto 14.4.69) Bombay, Bhavnagar, Rajkot, Bhuj (w.e.f. 15.4.69)	365607	14409746	11555251	164902	1079960
6.	Bombay, Ahmedabad, Baroda, Ahmedabad, (w.e.f. 14.7.1969)	332114	13437997	10347541	1411862	1013377
7.	Bombay, Bhavnagar.	218272	8562160	7210448	999201	663641

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Table No. 42. C (contd)

S. No.	Service (From 1.1.46)	(Year 1969-70)			
		No. of Passenger carried 8	No. of excess Baggage (Kgs.)	Mail (Kgs.)	Freight (Kgs.)
1.	D.B.L., Jaipur, Ahmedabad, Bombay (From 1.1.46)	57679	24012	218212	310898
2.	Bombay, Ahmedabad, Udaipur, Jaipur, Delhi.	57684	9414	162432	241533
3.	Bombay, Keshod, Forband (from 1.11.68)	12669	11325	10810	73853
4.	Bombay, Jamnagar, Kandla, Bhuj	32568	16415	69899	194000
5.	Bombay, Rajkot, Bhuj (upto 14.4.69) B.G.T., Bhavnagar, Jamnagar, Bhuj (W.e.f. 15.4.69)	27687	17545	47625	110900
6.	Bombay, Ahmedabad.				
	D.B.L., Baroda, Ahmedabad (W.e.f. 14.7.1969)	26295	6210	94362	150249
7.	Bombay, Bhavnagar.	23714	12212	41181	105382

Source : Indian Airlines Corporation.
New Delhi.

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Table No. 420

Sr. No.	Service Craft knts.	Air Services, capacities and operation, available Tonne kilometers, passengers carried, Tonic, kilometers cargo etc.		Available passenger kilometers	Available tonne kilo- meters per forward km.	(Year 1970-71)
		3	4	5	6	
1.	Bombay - Ahmedabad (Suspended w.e.f. 5-9-70 to 14.10.70)	1,40,000	58,31,000	42,89,000	6,20,000	4,25,000
2.	Bombay - Ahmedabad Udaipur - Jaipur-Dalhki.	8,00,000	3,02,35,000	2,55,94,000	31,49,000	25,24,000
3.	Bombay-Kashid-Fortbunder (Suspended from 2.9.70 to 2.9.71) Halt at Keshod was discontinued from 15-6-70 to 6-11-70	2,77,000	61,13,000	47,93,000	5,35,000	4,45,000
4.	Bombay-Rajkot-Bhuj	2,81,000	1,18,57,000	99,67,000	12,60,000	9,42,000
5.	Bombay-Baroda-Ahmedabad	2,87,000	1,15,33,000	84,58,000	11,78,000	8,43,000
6.	Bombay-Bhavnagar	1,63,000	72,47,000	72,72,000	9,31,000	6,66,000
7.	Bombay-Jamnagar - Kandla - Bhuj.	3,61,000	14,73,200	11,66,600	16,33,000	11,15,000

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Table. No.42.D. (contd)

Sr. No.	Service	No. of passenger carried	Excess Baggage (kgs.)	Mail (kgs.)	Freight (kgs.)
1	2	8	9	10	11
2.	Bombay - Ahmedabad (resumed W.e.f. 5.8.70 to 14.10.70)	9,578	2,809	3,549	52,503
3.	Bombay-Keshod-Porbandar (suspended from 2.9.70 to 9.2.71) flight at Keshod was discontinued from 15-8-70 to 6-11-70	11,370	10,619	9,935	59,682
4.	Bombay-Rajkot-Bhuj	23,604	14,159	47,330	1,22,949
5.	Bombay-Baroda-Ahmedabad	23,554	6,348	53,018	1,41,735
6.	Bombay-Bhavnagar	22,632	11,710	33,981	1,01,582
7.	Bombay-Jamnagar-Kandla- Bhuj.	27,824	14,039	61,327	1,38,453

Source : Indian Air Lines Corporation,
New Delhi.

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Table. No. 43.A

COST DATA REGARDING TYPES OF AIRCRAFT (YEAR 1968-69)

(Unit : Rupees)

Sr. No.	Type of Aircraft	Cost Per hour flying	Cost Per available aircraft Tonnes Kil- metres	Cost Per Kilometre flown
1	2	3	4	5
1.	Dakota - (Passenger Aircraft)	2023.26	4.78	9.82
2.	Viscount	3029.43	2.05	9.04
3.	Fokker Friendship (F-27)	2384.32	2.15	7.84
4.	HS-748	2663.68	2.08	8.97

Source : Indian Airlines Corporation,
New Delhi.

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Table. No. 43. B.

COST DATA REGARDING TYPES OF AIRCRAFT (YEAR 1969-70)

(Unit : Rupees)

Sr. No.	Type of Aircraft.	Cost Per hour flying	Cost Per available aircraft hours	Cost Per Tonne-Mile- Kilometres flying
1	2	3	4	5
1.	Dakota - (Passenger Aircraft)	2202.07	5.03	10.53
2.	Viccount	3414.71	2.49	10.56
3.	Fokker Friendship (Passenger)	2744.17	2.49	9.20
4.	HS-748	2802.03	2.22	9.44

Source : Indian Airlines Corporation,
Mumbai.

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T A B L E N O: 43. C

COST DATA REGARDING TYPES OF AIRCRAFT.

(Year : 1970-71 ₹

(Unit : Rupees)

Sr.	Type of No. air craft.	Cost per hour flying.	Cost per available tonne	Cost per air craft Kilometers Kilometers. Down.
1	2	3	4	5
1.	Dakota	2723.59	5.53	11.02
	(Passenger air- craft)			
2.	Viscount.	3931.77	2.99	12.14
3.	Fokker.			
	Freindship(F-27)	3326.56	3.00	11.96
4.	HS - 748	3590.99	2.74	11.68

Source:- Indian Airlines Corporation

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Exhibit No. 44

LENGTH OF PIPE-LINES, CAPACITIES AND PRINCIPAL TRAFFIC
(as on 31.3.73)

Sr. No.	Name of Pipe-lines	Type of product	Design capacity in M.t./day	Design capacity in M.t./day	Design capacity in M.t./day	Design capacity in M.t./day
1	2	3	4	5	6	7
1.	Ankleshwar - Koyali	Crude	16"	90 K.M.	30,00,000	30,00,000
2.	Kaici - Sabarmati	Crude	8.5'& 16"	16 T.T.Y.	1,50,000	1,50,000
3.	Kaici - Navagam	Crude	12" & 16"	50 K.M.	3,00,000	3,00,000
4.	Navagam - Koyali	Crude	16"	77 K.M.	-	-
4.	Ankleshwar - Baroda	Gas	14"	97 K.M.	5,00,000	5,00,000
5.	Ankleswar - Uttran	Gas	16"	32 K.M.	4,20,000	4,20,000
6.	Gambay - Dhurara	Gas	12"	25 K.M.	5,00,000	5,00,000
7.	Navagam - Calico Mill	Gas	8.5'& 16"	22 T.T.Y.	-	-
8.	Baroda Industries	Gas (a) (b) (c) (d)	12", 14", 16" 8.5'& 16" 4", 12", 16" 3"	3 T.T.Y. 4 K.M. 6 K.M. 2 K.M.	2,10,000	2,10,000
9.	Koyali - Ahmedabad	Products	8.5"	330 K.M.	0.7 M.t./per year	-

Source : Oil & Natural Gas Commission,
Baroda.

Table No. 45

TONNE KILOMETERS OF CRUDE OIL AND GAS CARRIED BY DIFFERENT MODES OF TRANSPORT WITHIN AND OUTSIDE THE GUJARAT STATE.

(Unit : Million Tonne Kilometres
for oil
Million Cubic metres for Gas)

Sr. No.	Year ending 31st March	Oil/Gas	Mode of Transport		
			Rail	Road	Within Gujarat Outside Gujarat State
1.	1963-64	Oil Gas	-	-	221.2
2.	1964-65	Oil Gas	-	-	-
3.	1965-66	Oil Gas	-	-	235.0
4.	1966-67	Oil Gas	0.8	-	347.7
5.	1967-68	Oil Gas	5.7	-	262.8
6.	1968-69	Oil Gas	7.4	-	3.1
7.	1969-70	Oil Gas	24.6	-	-
8.	1970-71	Oil Gas	21.3	-	19.5

Table No. 45 (contd)

Sr. No.	Year ending 31st March	Oil/Gas	Mode of Transport	Total	Within Gujarat		Outside Gujarat		State Gujarat	State Gujarat	State Gujarat
					Pipeline	Within state	Outside state	Total Gas			
1	2	3	8	9	10	11	12	13	14	15	16
1.	1963-64	Oil Gas	-	-	-	-	-	-	221.2	-	-
2.	1964-65	Oil Gas	-	-	-	-	-	-	235.0	-	-
3.	1965-66	Oil Gas	4433.3	-	-	4433.3	-	-	305.0	-	-
4.	1966-67	Oil Gas	419.7	-	-	419.7	-	-	347.7	-	-
5.	1967-68	Oil Gas	40703.9	-	-	40703.9	-	-	1332.2	-	-
6.	1968-69	Oil Gas	1231.4	39640.4	-	39640.4	-	-	36640.4	-	-
7.	1969-70	Oil Gas	1812.5	123160.7	-	123160.7	-	-	1812.4	-	-
8.	1970-71	Oil Gas	264.8	18.6	-	264.8	-	-	262.8	-	-

Note : This figures doesn't include "products" carried by Koyali Ahmedabad Pipeline and internal transportation by road and pipeline within the project.

Source : Oil and Natural Gas Commission, Baroda.

SECTION : VII

TRAFFIC

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Table No. 46

ESTIMATED GOODS TRAFFIC BY RAILWAY AND HIGHWAYS (Year : 1964-65) -
Unit : '000 tonnes)

No.	Mode/Category	Rail	Highway	Total	Percentage of total	Quantities to total	Total		Percentage of total	Quantities to total
							Quantities	tp total		
1	2	3	4	5	6	7				
1. Intra-State	2.866	19.1	6,425	84.9	9,291	41.2				
2. exports	4,976	33.2	537	7.1	5,513	24.4				
3. Imports	7,146	47.7	608	8.0	7,754	34.4				
4. Total	14,988	100.0	7,570	100.0	22,558	100.0				

* The above estimates have been arrived at on the basis of the origin destination

* The above estimates have been arrived at on the basis of the Bureau of Economics and Survey of Goods Traffic on Highways conducted by the Bureau of Economics and Statistics and on the basis of information furnished by C.S.O. (T.S.) wa.

Source : (1) Officer On Special Duty -
(Transport Section) Western
Railways

(2) Origin Destination Survey, 1965
conducted by Bureau of Economics
and Statistics, Gujarat State,
Ahmedabad.

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Table No. 47

**ESTIMATED QUANTITY OF IMPORTANT COMMODITIES TRANSPORTED
BY HIGHWAYS**

(Year : 1964-65) -
(Unit : '000 tonnes)

Sr. No.	Commodity	Intra- State	Exports	Imp- orts	Total
1	2	3	4	5	6
1.	Food grains	371	2	3	376
2.	Oil Seeds	276	9	3	288
3.	Cotton (pressed)	154	27	45	226
4.	Char Coal/Fire Wood	246	6	22	274
5.	Petroleum Oil/Lubricating Oil and other Oils	290	3	70	363
6.	Mineral Coal	198	5	1	204
7.	Stones (including Cypsum)	1452	1	14	1467
8.	Cement	212	3	3	218
9.	Clay/Sand earth	770	2	-	772
10.	Cotton manufactured	53	120	36	209
11.	Chemical Fertilizer	200	-	-	200
12.	Iron and Steel products (including machinery)	269	16	97	381
13.	Fruits and Vegetables	242	26	30	298
14.	Others	1692	318	284	2294
	Total	6425	537	608	7570

Note : These estimates have been arrived at on the basis of traffic survey conducted in June and December 1965 by the Regional Transport Unit of Bureau of Economics and Statistics, Gujarat State, Ahmedabad.

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Table 43

PRINCIPAL COMMODITIES TRANSPORTED BY THE RAILWAY

(Year : 1964-65) -
(Unit : '000 tonnes)

S.No.	Commodity Name	Intra- State	Exports	Imports	Total
		3	4	5	6
1.	Food grains	290	600	816	1706
2.	Petroleum Oil & Lubri- cating Oil.	243	821	298	1362
3.	Crude Oil	-	724	-	724
4.	Salt	82	821	1	904
5.	Mineral Coal	163	-	3721	3879
6.	Lime Stone	488	46	22	556
7.	Cement	484	159	25	668
8.	Oil Cake	301	73	88	462
9.	Iron & Steel Products including machineries	26	51	339	416
10.	Others	794	1621	1236	4651
<hr/>		Total	2866	4976	7146
<hr/>					14988

SOURCE : Officer On Spec. Duty (Transport Section)
Eastern Railway.

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Table. No. 49

AV^ERAG^E LD^AD OF MOV^MENT IN R^ES^PCT OF DIFF^RENT COMM^{OD}ITI^S

(Year : 1965) -
(Unit : Kilometres)

Sr. No.	Commodity	Average lead
1	2	3
<u>AGRICULTURAL PRODUCTS</u>		
1.	Cereals and pulses	173
2.	Groundnut	161
3.	Cotton Seeds	183
4.	Other oil seeds	233
5.	Cotton (loose and pressed)	362
6.	Jute (loose and pressed)	39
7.	Fruits and vegetables	285
8.	Sugarcane	89
9.	Forage (Dry and Green)	105
10.	Tobacco	443
11.	Oil cake	124
12.	Groundnut Oil	449
13.	Vanaspati Oil	420
14.	Mustard and other oils	344
15.	Other agricultural products	132
<u>ANIMAL PRODUCTS</u>		
16.	Live stock including poultry	402
17.	Hides, Skins etc.	295
18.	Milk and Milk products	220
19.	Eggs, Fish and mutton	72
LSP/		

Table No. 49 (contd)

1	2	3
MINERAL PRODUCTS		
20.	Coal and soft Coal	135
21.	Lime stone	108
22.	Iron Ore	309
23.	Manganese Ore	35
24.	Other Ores	150
25.	Petrol	262
26.	Kerosene	257
27.	Diesel	243
28.	Cru. oil	238
29.	Salt	166
30.	Other mineral products	50
FOREST PRODUCTS		
31.	Timber	132
32.	Bamboo	166
33.	Fir wood	100
34.	Char coal	95
BUILDING MATERIALS		
35.	Sand	84
36.	Bricks	29
37.	Kapachi	74
38.	Cement	136
39.	Sagol	126
40.	Marbles	404
41.	Tar	303

LSP/

Table No. 49 (contd)

1	2	3
<u>BUILDING MATERIALS (CONTD)</u>		
42. Building stones	76	
43. Tiles	145	
44. Kanhari	29	
45. Clay	124	
<u>MANUFACTURED COMMODITIES</u>		
46. Sugar	235	
47. Gur	457	
48. Textiles (Cotton)	604	
49. Textiles (others)	536	
50. Iron and Steel products	352	
51. Chemical manure	219	
52. Machinery and tools	513	
53. Medicines and chemicals	449	
54. Provisions and soap	534	
55. Others	293	
ALL COMMODITIES		211

Source : Origin Destination Survey June - 1965
Conducted by Bureau of Economics and
Statistics, Gujarat State, Ahmedabad.

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COMMODITY WISE PER DAY FLOW OF GOODS TRAFFIC ON SELECTED HIGHWAY-SCTIONS.
(Reference period : Dec 1965)
(Unit : tonnes)

Sr. No.	Road Section of road	Category			Food grains			Cotton			Goods cotton & vegetable			Fruits Building materials			Cotton textiles		
		Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	-	-	-		
1.	Maharashtra Border (Bambari) Vapi-Bulsar	N.H.	2	14	3	2	68	31	36	132	4	7	116	219	-	-	-		
2.	Bulsar Palansa	"	3	12	3	2	67	31	30	70	2	7	102	174	-	-	-		
3.	Palsana - Erach	"	4	64	6	2	75	34	37	85	3	10	114	180	-	-	-		
4.	Braoch-Karjan-Baroda	"	4	82	7	2	76	34	47	93	6	25	119	181	-	-	-		
5.	Baroda Kaira	"	15	170	7	2	102	33	19	74	13	15	114	173	-	-	-		
6.	Kaira - Ahmedabad	"	67	168	12	3	146	23	126	106	865	83	97	253	-	-	-		
7.	Rajkot - Chhani - Uclia	"	13	74	1	35	6	12	34	6	1	18	18	43	-	-	-		
8.	Ahmedabad - Patanagar	"	1	15	-	-	5	22	6	15	-	210	87	-	-	-	-		
9.	Baroda - Halol	S.H.	10	26	-	4	-	12	24	14	2	164	2	-	-	-	-		
10.	Nadiad-Thasara-Godhra	"	4	63	-	9	2	34	12	10	-	9	82	7	-	-	-		
11.	Godhra-Limkheda-Johad	"	1	54	-	3	2	33	4	14	-	4	80	8	-	-	-		
12.	Ahmedabad-Sarkhej-Virangam	"	34	11	18	1	8	17	16	20	9	42	27	19	-	-	-		
13.	S' Nagar-Lakhatar-Virangam	"	8	112	2	19	17	8	26	10	83	6	20	25	-	-	-		

Sr. No.	Road Section	Category or Road.	4	5	6	7	8	9	10	11	12	13	14	15
••210..														
14.	Bhavnagar-Bawali- Dhandhuka-Arun-J.	S.H.	4	17	-	4	10	10	27	2	3	3	4	16
15.	Rajkot-Dhrol- Dhandhuka-Jannagar	"	61	1	26	2	4	-	21.	4	3	2	5	-
16.	Meh... - Piplanpur	"	-	72	-	1	10	1	5	43	15	16	55	6
17.	Amdavad.Kalol- Mehsara	"	14	166	9	2	11	5	10	42	65	14	57	10

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Sr. No.	Road Section of road	Category of oil	Groundnut	Cement	Iron & Steel products	Chemical manure	Other	Total						
								Up 16	Down 17	Up 18	Down 19	Up 20	Down 21	
1.	2	3												
1.	Maharashtra-Barddew (Bombay) Vapi-Bulsar	N.H.	-	4	9	17	140	66	1	-	820	509	1199	1001
2.	Bulsar - Palsana	"	-	5	7	14	101	51	3	-	691	462	1009	828
3.	Palsana - Broach	"	-	11	21	40	101	99	7	-	820	672	1188	1151
4.	Broach-Karjan-Bardda	"	-	10	18	51	105	109	7	-	842	730	1231	1317
5.	Bardda - Kaira	"	4	12	7	118	91	125	51	30	856	778	1279	1578
6.	Kaira - Ahmedabad	"	2	10	52	136	70	122	11	37	889	1037	2337	2613
7.	Rajkot-Juhot-Veraval	"	7	3	43	17	15	66	2	47	646	314	786	635
8.	Ahmedabad - Bhavnagar	"	-	-	3	3	6	3	2	-	123	86	212	351
9.	Baroda - Falak	S.H.	-	-	7	2	4	4	1	-	94	204	144	1811
10.	Nadiad - Thasara-Gandhinagar	"	-	-	10	2	2	8	1	1	111	110	224	251
11.	Gochha-Limka-Hirachandpur	"	-	-	9	-	1	4	-	-	103	101	200	223
12.	Ahmedabad-Surat-Vadodara-Vijaynagar	"	-	6	8	3	53	10	14	-	285	540	472	669
13.	Singar-Lakhetar-Vijaynagar	"	5	-	12	7	12	47	-	24	436	190	621	448
14.	Bhavnagar-Barwala-	"	3	1	1	2	22	48	112	8	120	147	346	258

Sr. No.	Road Section	Category of road	16	17	18	19	20	21	22	23	24	25	26	27
15.	Rajkot - Vhol - Jamnagar	S.H.	1	1	3	71	30	9	16	5	310	453	480	548
16.	Mehsana - Palanpur	"	1	1	2	-	7	6	-	-	99	93	104	239
17.	Ahmedabad-Kalol - Mehsana	"	1	3	16	-	25	20	-	1	350	142	558	405

Source : Origin destination Survey Dec. 1955 conducted by Bureau of Economics & Statistics, Gujarat State, Ahmedabad.

Table No. 51
INTENSITY OF TRAFFIC ON SELECTED HIGHWAY

Sr. No.	Name of the check post	Road Section	Average of motor- animal-driven vehicles per day	Total traffic per day in June, 1965	Total traffic per day in Dec., 1965	Total traffic per day in June, 1965	Total traffic per day in Dec., 1965	Total traffic per day in June, 1965	Total traffic per day in Dec., 1965	Total traffic per day in June, 1965	Total traffic per day in Dec., 1965	
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Vapi	Maharashtra Border- Vapi-Bulsar	483	470	38	29	3.8	3.8	3.8	3.8	3.8	3.8
2.	Kim	Bulsar-Kim-Brahach	762	761	19	27	5.8	5.8	5.6	5.6	5.6	5.6
3.	Karjan/Palej	Braoch-Karjan-Baroda	703	578	4	6	5.6	5.6	4.5	4.5	4.5	4.5
4.	Vassad/Fajalpur	Baroda-Vasad-Kaira	1517	1443	13	7	8.7	8.7	8.8	8.8	8.8	8.8
5.	Barraja	Kaira - Ahmedabad	1583	1231	16	13	8.9	8.9	12.5	12.5	12.5	12.5
6.	Chotila	Rajkot-Chotila-Savalia	396	368	34	27	3.0	3.0	2.8	2.8	2.8	2.8
7.	Uppal	Uplata-Jatpur-Rajkot	426	491	2	55	2.8	2.8	2.8	2.8	2.8	2.8
8.	Sambhar/ Ranagadh	Porbandar - Rajkot	666	883	119	367	3.9	3.9	4.4	4.4	4.4	4.4
9.	Purni	Ahmedabad-Purni-J- Himatnagar	239	287	22	32	2.0	2.0	1.9	1.9	1.9	1.9
10.	Sambhar	Rajasthan Border - Himatnagar	167	N.C.	5	7.5	1.1	1.1	N.C.	N.C.	N.C.	N.C.
11.	Surat	Gandhinagar - Surat	455	N.C.	111	N.C.	2.2	2.2	N.C.	N.C.	N.C.	N.C.

Note : * The checkposts marked with the asterisk were dropped in the December Survey.

N.C. = Not constructed.

Source : Origin Destitution Survey June 1965 and December 1965 conducted by Bureau of Economics & Statistics, Gujarat State, Ahmedabad.

Table No. 52.A

EXPORT AND IMPORT TRADE WITH FOREIGN COUNTRIES THROUGH
INTERMEDIATE & MINOR PORTS(Year : 1963-64) -
(Unit : '000 tonnes)

S.No.	Commodity	United Kingdom		Europe (except U.K.)		U.S.S.R.		America	
		Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to
1	2	3	4	5	6	7	8	9	10
1.	Fertilizer	2.3	-	3.0	-	3.0	-	126.7	-
2.	Fuel Grains	-	-	-	-	-	-	115.1	-
3.	Mineral Oil	-	-	-	-	-	-	-	-
4.	Iron & Steel & Machinery	-	-	-	-	-	-	-	-
5.	Cement	-	-	-	-	-	-	-	-
6.	Salt	-	-	-	-	-	-	-	-
7.	Wood & Timber	-	-	-	-	-	-	2.2	-
8.	Cotton (raw)	-	-	-	-	-	-	1.6	-
9.	Lubes	-	-	-	-	-	-	-	-
10.	Aluminium	-	-	-	-	5.5	-	67.2	-
11.	Chemicals	-	-	-	-	-	-	26.1	-
12.	Bauxite	-	28.1	-	41.0	-	-	-	-
13.	Bone & Bone-meals	-	0.2	-	0.3	-	-	-	6.9
14.	Oil-Seeds & Oil Cakes	-	-	-	-	-	-	-	-
15.	Fruits & Vegetable	-	-	-	-	-	-	-	-
16.	Miscellaneous	-	20.5	-	-	0.5	1.5	-	0.1
Total		5.3	45.	3.0	41.3	5.1	1.5	338.9	7.0

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Table. No. 52.A (contd)

Sr. No.	Commodity	Persian Gulf		Japan & other COUNTRIES		Pakistan	
		Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to
		11	12	13	14	15	16
1.	Fertilizers	-	-	129.0	-	-	-
2.	Foodgrains	-	-	9.2	-	-	-
3.	Mineral Oil	-	0.2	-	-	-	-
4.	Iron & Steel & Machinery	-	-	-	20.3	-	-
5.	Cement	-	147.1	-	0.1	-	-
6.	Salt	-	-	-	437.0	-	-
7.	Wood & Timber	-	-	-	-	-	-
8.	Cotton (Raw)	-	-	-	-	-	-
9.	Dates	12.2	-	-	-	-	-
10.	Rockphosphate	-	-	17.6	-	-	-
11.	Chemicals	-	-	-	-	-	-
12.	Bauxite	-	-	-	7.7	-	-
13.	Bone & Bonemeals	-	-	-	1.8	-	-
14.	Oil Seeds & Oil Cakes	-	-	-	-	-	-
15.	Fruits & Vegetable	-	-	-	-	-	-
16.	Miscellaneous	-	0.9	0.1	0.7	-	-
Total		12.2	148.2	165.9	477.6	-	-

LSP/

Table No. 52 (contd)

Sr. No.	Commodity	Germany		Ceylon		Total	
		Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to
		17	18	19	20	21	22
1.	Fertilizers	-	-	-	-	271.0	-
2.	Food grains	-	-	-	-	124.3	-
3.	Mineral Oil	-	-	-	-	-	0.2
4.	Iron & Steel & Machinery	-	-	-	-	-	30.3
5.	Cement	-	-	-	26.9	-	174.1
6.	Salt	-	-	-	-	-	44.0
7.	Wood & Timber	-	-	-	-	2.2	-
8.	Cotton (Raw)	-	-	-	-	1.3	-
9.	Dates	-	-	-	-	32.2	-
10.	Rockphosphate	-	-	-	-	90.5	-
11.	Chemicals	-	-	-	-	28.1	-
12.	Bauxite	-	-	-	-	-	77.0
13.	Bone & Bone-meals	-	-	-	-	-	0.2
14.	Oil Seeds & Oil Cakes	-	-	-	-	-	-
15.	Fruits & Vegetable	-	-	-	-	-	-
16.	Miscellaneous	-	-	-	-	0.6	95.7
Total		-	-	-	26.9	528.3	752.3

Source : Director of Ports, Gujarat State,
Ahmedabad.

LSP/

Table No. 52 B.

**EXPORT AND IMPORT TRADE WITH FOREIGN COUNTRIES - THROUGH
INTERMEDIATE AND MINOR PORTS**

(Year : 1969-70)

(Unit : '000 tonnes)

Sr. No.	Commodity	United Kingdom		various (except U.K.)		U.S.S.R.		America	
		Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to
1	2	3	4	5	6	7	8	9	10
1.	Fertilizers	-	-	33.3	-	5.2	-	234.8	-
2.	Food grains	-	22.9	-	-	-	-	37.3	-
3.	Mineral Oil	-	-	-	0.6	-	-	-	-
4.	Iron & Steel & Machinery	-	-	-	-	-	-	-	-
5.	Cement	-	-	-	-	-	-	-	-
6.	Salt	-	-	-	-	-	-	-	-
7.	Wood & Timber	-	-	-	-	-	-	2.1	-
8.	Cotton (Raw)	-	-	-	-	-	-	6.9	-
9.	Dates	-	-	-	-	-	-	-	-
10.	Rockphosphate	-	-	-	-	-	-	117.9	-
11.	Chemicals	-	-	-	-	-	-	18.6	-
12.	Bauxite	-	14.7	-	25.8	-	-	-	-
13.	Bone & Bone-meals	-	2.9	-	0.5	-	-	-	6.9
14.	Oil- Seeds & Oil Cakes	-	97.4	-	210.4	-	68.4	-	6.0
15.	Fruits & Vegetable	-	-	-	-	-	-	-	-
16.	Miscellaneous	-	2.1	0.7	-	-	1.1	0.1	-
Total		-	140.0	34.0	237.3	5.2	69.5	417.7	6.7

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Table. No. 52 B (contd)

Sr. No.	Commodity	Persian Gulf		Japan & other countries		Pakistan	
		Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to
1	2	11	12	13	14	15	16
1.	Fertilizers	-	-	20.0	-	-	-
2.	Food grains	-	-	-	-	-	-
3.	Mineral Oil	47.1	0.2	-	-	-	-
4.	Iron & Steel & Machinery	-	-	-	62.3	-	-
5.	Cement	-	74.5	-	0.2	-	-
6.	Salt	-	-	-	375.4	-	-
7.	Wood & Timber	-	-	-	-	-	-
8.	Cotton (Raw)	-	-	-	-	-	-
9.	Dates	18.6	-	-	-	-	-
10.	Rock-phosphate	9.8	-	-	-	-	-
11.	Chemicals	-	-	-	-	-	-
12.	Lignite	-	-	-	20.5	-	-
13.	Brown & Charcoal	-	-	-	0.6	-	-
14.	Oil Seeds & Oil Cakes	-	-	-	18.1	-	-
15.	Fruits & Vegetable	-	-	-	-	-	-
16.	Miscellaneous	0.2	0.7	-	0.3	-	-
Total		75.7	75.4	20.0	478.4	-	-

LSP/

Table No. 52 B (Contd).

Sr. No.	Commodity	Germany		Ceylon		Bulgaria	
		Imp- ort from	Exp- ort to	Ton- to	Imp- ort from	Exp- ort to	
		17	18	19	20	21	22
1.	Fertilizers	-	-	-	-	12.0	-
2.	Food grains	-	-	-	-	-	-
3.	Mineral Oil	-	-	-	-	-	-
4.	Iron & Steel & Machinery	-	-	-	-	-	-
5.	Cement	-	-	-	-	-	-
6.	Salt	-	-	-	-	-	-
7.	Wood & Timber	-	-	-	-	-	-
8.	Cotton (Raw)	-	-	-	-	-	-
9.	Pates	-	-	-	-	-	-
10.	Rockphosphate	-	-	-	-	-	-
11.	Chemicals	-	-	-	-	-	-
12.	Bauxite	-	32.0	-	-	-	-
13.	Bacon & Baconmeals	-	0.5	-	-	-	-
14.	Oil Seeds & Oil Cakes	-	92.6	-	-	-	-
15.	Fruits & Vegetable	-	-	-	-	-	-
16.	Miscellaneous	-	1.0	-	10.5	-	-
Total		-	126.1	-	10.5	12.0	-

LSP/

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Table. 52. B. (Contd)

Sr. No.	Commodity	Rumania		Austria		England	
		Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to
1	2	23	24	25	26	27	28
1.	Fertilizers	9.9	-	20.3	-	10.0	-
2.	Food Grains	-	-	-	-	-	-
3.	Mineral Oil	-	-	-	-	-	-
4.	Iron & Steel & Machinery	-	-	-	-	-	-
5.	Cement	-	-	-	-	-	-
6.	Salt	-	-	-	-	-	-
7.	Wood & Timber	-	-	-	-	-	-
8.	Cotton (Raw)	-	-	-	-	-	-
9.	Dates	-	-	-	-	-	-
10.	Rockphosphate	-	-	-	-	-	-
11.	Chemicals	-	-	-	-	-	-
12.	Bauxite	-	-	-	-	-	-
13.	Bone & Bonemeals	-	-	-	-	-	-
14.	Oil Seeds & Oil Cakes	-	-	-	-	-	-
15.	Fruits & Vegetable	-	-	-	-	-	-
16.	Miscellaneous	-	-	-	-	-	-
Total		9.9	-	20.3	-	10.0	-

LSP/

Table No. 52.B (Contd)

Sr. No.	Commodity	Taiwan formosa		Poland		Africa	
		Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to	Imp- ort from	Exp- ort to
1	2	29	30	31	32	33	34
1.	Fertilizers	-	-	-	-	-	-
2.	Food grains	-	-	-	-	-	1.0
3.	Mineral Oil	-	-	-	-	-	-
4.	Iron & Steel & Machinery	-	-	-	-	-	-
5.	Cement	-	-	-	-	-	-
6.	Salt	-	20.0	-	-	-	8.1
7.	Wood & Timber	-	-	-	-	-	-
8.	Cotton (Raw)	-	-	-	-	-	-
9.	Dates	-	-	-	-	-	-
10.	Rockphosphate	-	-	-	-	-	-
11.	Chemicals	-	-	-	-	-	-
12.	Bauxite	-	-	-	-	-	-
13.	Bone & Bonemeals	-	-	-	-	-	-
14.	Oil Seeds & Oil Cakes	-	-	-	11.6	-	-
15.	Fruits & Vegetable	-	-	-	-	-	-
16.	Miscellaneous	-	-	-	-	-	-
Total		-	20.0	-	11.6	-	9.1

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Total No. 52.B. (Contd)

S. No.	Commodity	Republic of China		Australia		South Africa		Total	
		Imp- ort from to	Exp- ort from to	Imp- ort from to	Exp- ort from to	Imp- ort from to	Exp- ort from to	Imp- ort from to	Exp- ort from to
1	2	35	36	37	38	39	40	61	42
1.	Fertilizers	-	-	-	-	-	-	345.5	
2.	Food grains	-	-	-	-	-	-	37.3	23.9
3.	Mineral Oil	-	-	-	-	-	-	47.1	0.8
4.	Iron & Steel & Machinery	-	-	-	-	-	-	-	63.3
5.	Cement	-	-	-	-	-	-	-	74.7
6.	Salt	-	17.0	-	-	-	27.0	-	447.5
7.	Wood & Timbers	-	-	-	-	-	-	2.1	-
8.	Cotton (Raw)	-	-	-	-	-	-	6.9	-
9.	Dates	-	-	-	-	-	-	18.6	-
10.	Rockphosphate	-	-	-	-	-	-	127.7	-
11.	Chemicals	-	-	-	-	-	-	18.6	-
12.	Rauxitite	-	-	-	-	-	-	-	93.0
13.	Bone & Bone-meals	-	-	-	-	-	-	-	10.5
14.	Oil- Seeds & Oil Cakes	-	-	-	0.2	-	-	-	498.7
15.	Fruits & Vegetable	-	-	-	-	-	-	-	-
16.	Miscellaneous	-	-	-	-	-	-	1.0	15.7
Total		-	17.0	-	0.2	-	27.0	604.8	1228.

Source : Director of Ports, Gujarat State,
Ahmedabad.

LSP/

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Table. No. 52 II C

THE HIGHER INSTITUTIONS AND MTCM : CTS

(Year : 1970-71).

Unit 3 VCC

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TABLE. NO. 22 (CONT'D)

Gr. No.	Commodity	Other American countries	Other European countries	African countries	Other countries & N.Z.	Australia & N.Z.	Total
1.	Fertilizers	-	-	-	-	-	-
2.	Food Grains	-	-	-	-	-	-
3.	Mineral Oil	-	-	-	-	-	-
4.	Iron and Steel	-	-	-	-	-	-
5.	Cement	-	-	-	-	-	-
6.	Salt	-	-	-	-	-	-
7.	Wood & Timber	-	-	-	-	-	-
8.	Cotton (Raw)	-	-	-	-	-	-
9.	Dates	-	-	-	-	-	-
10.	Rock Phosphate	-	-	-	-	-	-
11.	Chemicals	-	-	-	-	-	-
12.	Bauchi	-	16.2	45.9	-	-	-
13.	Beef & Beancakes	-	3.4	1.2	-	-	-
14.	Oil Seeds & Oil Cakes	-	93.0	303.3	-	-	-
15.	Fruit & Vegetable	-	-	-	-	-	-
16.	Milk Products	-	0.2	7.0	-	-	-
				10.3	-	13.0	-
						292.3	312.6

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Weight : 1'000 tonnes)

1963-64 Total Imp-
Ex-
Gross
Profit

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一

S.R. No.	Commodity	1964-65				1965-66				1966-67				1967-68			
		Exp- ort	Exp- ort	Total	Imp- ort	Exp- ort	Total	Imp- ort	Exp- ort	Exp- ort	Total	Imp- ort	Exp- ort	Exp- ort	Total		
1	2	12	13	14	15	16	17	18	19	20							
1. Fertilizers	55.8	-	55.8	105.7	-	105.7	263.7	-	263.7	-	-	-	-	-	-		
2. Food Grains	372.3	-	372.3	643.4	-	643.4	563.3	-	563.3	-	-	-	-	-	-		
3. Mineral Oil	160.7	0.5	161.2	141.1	1.3	142.4	100.1	0.5	100.6	-	-	-	-	-	-		
4. Iron Steel & Machinery	2.7	-	2.7	1.5	16.0	16.5	0.5	22.0	22.5	-	-	-	-	-	-		
5. Wood and Timber	2.4	-	2.4	2.3	-	2.3	0.7	1.4	2.1	-	-	-	-	-	-		
6. Cotton raw	4.6	2.9	7.5	4.9	3.4	8.3	2.2	1.7	3.8	-	-	-	-	-	-		
7. Dates	18.7	-	18.7	8.3	-	8.3	18.2	-	18.2	-	-	-	-	-	-		
8. Rock Phosphate	17.9	-	17.9	10.0	-	10.0	25.0	-	25.0	-	-	-	-	-	-		
9. Chemicals	8.1	-	8.1	6.9	0.5	7.4	3.8	-	3.8	-	-	-	-	-	-		
10. Goundnut Oil	-	5.2	5.2	3.6	0.3	3.9	-	-	-	-	0.2	0.2	-	-	-		
11. Cement	-	1.6	1.6	-	-	-	-	-	-	-	-	-	-	-	-		
12. salt	-	247.1	247.1	-	204.9	204.9	-	-	-	-	302.1	302.1	-	-	-		
13. Oil Cakes & Oil Seeds	-	500.8	500.8	-	357.7	357.7	-	-	-	-	380.1	380.1	-	-	-		
14. Bauxite	-	-	93.3	93.3	-	88.7	88.7	-	-	-	71.6	71.6	-	-	-		
15. Fruits & Vegetables	-	-	0.6	0.6	-	1.0	1.0	-	-	-	4.7	4.7	-	-	-		
16. Bone & Tallow	-	-	2.6	2.6	-	1.8	1.8	-	-	-	5.0	5.0	-	-	-		
17. Sugarcane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
18. Wheat	0.2	1.1	1.3	-	18.3	18.3	-	-	-	-	17.9	17.9	-	-	-		
	643.4	865.7	1499.1	827.7	692.9	1520.6	977.5	807.2	17.9	-	-	-	-	-	-		

Table No. 53 (contd.)

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Table. No. 53 (Contd)

Sr. No.	Commodity	Import 27	Export 28	Total 29	Import 30	Export 31	Total 32
1.	Fertilizers	345.5	-	345.5	9.8	-	9.8
2.	Food grains	37.3	23.9	61.2	29.1	54.8	83.9
3.	Mineral Oil	47.1	0.8	47.9	53.2	0.4	53.6
4.	Iron & Steel & Machinery	-	63.3	63.3	-	-	-
5.	Wood & Timber	2.1	-	2.1	2.7	-	2.7
6.	Cotton raw	6.9	-	-	19.1	-	10.1
7.	Dates	18.6	-	18.6	16.7	-	16.7
8.	Rock Phosphate	127.7	-	127.8	89.0	-	89.0
9.	Chemicals	18.6	-	18.6	47.6	-	47.6
10.	Glycindnut oil	-	-	-	-	-	-
11.	Cement	-	74.7	74.7	-	142.2	142.2
12.	Salt	-	447.5	447.5	-	263.2	233.2
13.	Oil Cake & Oil Seeds	-	498.7	496.0	-	617.2	617.2
14.	Bauxite	-	93.0	93.0	-	93.9	93.9
15.	Fruits & Vegetables	-	-	-	-	-	-
16.	Bone & bone-meals	-	10.6	10.6	-	12.2	12.2
17.	Sugar & Molasses	-	-	-	-	-	-
18.	Miscellaneous	1.0	15.7	16.7	0.2	10.9	11.1
	Total	1228.1	1832.9	258.6	1154.8	1453.4	

Source : Director of Ports, Gujarat State, Ahmedabad.

Table No. 54

COASTAL TRADE THROUGH INTRAMODIATE AND MIGOR PORTS (Unit : '000tonnes)

No.	Item	Import 1961-62	Export 1961-62	Total 1961-62	Import 1962-63	Export 1962-63	Total 1962-63	Import 1963-64	Export 1963-64	Total 1963-64
1.	Milk & Butter	86.8	3.6	176.0	258.4	4.4	262.8	316.2	1.5	317.7
2.	Coffee & Ceylon Tea	193.1	-	193.1	344.1	0.1	344.2	268.4	0.5	268.9
3.	Frostedgrain	9.8	6.6	16.4	5.4	6.5	11.5	7.0	6.3	13.3
4.	Buffalo Butter & Ghee	90.5	16.5	107.0	92.3	21.3	113.6	63.6	31.4	125.0
5.	Wood Pulp & Fibre	64.1	8.7	73.8	56.8	9.3	65.1	56.6	8.0	65.3
6.	Cotton Seeds & Oilseeds	25.8	70.7	96.5	22.2	45.0	66.2	21.4	50.1	71.5
7.	Salt	26.7	327.0	352.7	11.2	324.1	335.5	11.0	327.1	338.1
8.	Iron and Steel	183.3	13.5	196.8	135.4	2.0	17.1	15.8	3.1	18.9
9.	Fruits and Vegetables	6.8	9.0	15.8	31.6	18.5	30.1	6.7	16.2	16.9
10.	Meat and Game	5.9	302.3	308.2	16.2	427.8	434.6	10.5	487.6	505.1
11.	Vegetable Oil & Fats	0.5	16.1	16.6	17.3	02.8	24.0	1.2	26.8	24.0
12.	Cotton (Raw)	1.0	11.1	12.1	10.6	15.4	16.0	-	13.4	13.4
13.	Chocolate	35.0	61.0	96.0	31.2	53.4	54.6	1.5	45.3	46.8
14.	Linen & Cotton Goods	1.7	24.6	26.3	12.4	23.9	23.9	6.1	12.6	19.7
15.	Plastic Materials	-	-	-	-	-	-	-	-	-
16.	Total	691.3	913.3	1604.6	814.6	55.5	874.5	42.6	113.1	64.7
									33.3	98.5
									1071.6	1943.1
									871.0	

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Table No. 54 (contd)

Sr. No.	Commodity	1964-65			1965-66			1966-67			1966-67		
		Import 12	Export 13	Total 14	Import 15	Export 16	Total 17	Import 18	Export 19	Total 20	Import 17	Export 18	Total 19
1.	Mineral Oil -	313.0	3.8	316.9	349.2	1.2	350.4	393.8	0.9	394.7			
2.	Coal and Coke	161.9	0.1	162.0	120.8	0.2	121.0	98.7	0.3	99.0			
3.	Food grains -	3.7	5.2	8.9	3.6	2.4	6.0	18.2	1.2	19.4			
4.	Building Materials	102.4	31.7	134.1	114.3	41.3	155.6	82.4	32.6	115.0			
5.	Wood and Timber -	54.3	7.5	61.8	61.4	8.9	70.3	51.3	7.0	58.3			
6.	Oil Seeds & Oil Cake	13.5	40.7	54.2	9.9	23.1	33.0	7.7	11.5	19.2			
7.	salt	5.9	263.2	269.1	14.9	251.4	266.3	6.9	226.4	232.3			
8.	Iron and Steel -	19.9	3.4	23.3	14.5	2.2	16.7	21.3	3.1	24.4			
9.	Fruits and Vegetable	11.2	15.0	26.2	10.9	15.1	26.0	6.3	9.8	16.1			
10.	Cement and Clinker	5.0	405.3	410.3	6.6	460.6	467.2	13.0	547.4	560.4			
11.	Vegetable Oil	2.6	69.3	71.9	1.7	26.6	28.3	1.2	31.6	32.8			
12.	Cotton (Raw)	0.4	12.4	12.8	-	9.0	9.0	0.6	6.8	7.4			
13.	Chemicals -	0.5	25.1	25.6	0.9	50.7	51.6	1.0	36.5	37.5			
14.	Lime and Limestone	0.6	18.4	19.0	1.6	29.1	30.7	0.1	28.1	28.2			
15.	Fertilizers	-	-	-	-	-	-	-	-	-			
16.	Miscellaneous	66.3	33.0	99.3	64.3	45.7	110.0	66.1	74.6	140.7			
	Total	761.2	964.2	1655.4	774.6	967.5	1742.1	768.6	1016.8	1785.4			

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Table. No. 54 (contd)

Sr. No.	Commodity	1967-68		1968-69		1969-70	
		Import £1	Export £2	Total £2	Import £3	Export £4	Total £5
1.	Mines, Oil :				468.9	-	468.9
2.	Coal and coke	69.4	-	69.4	129.1	-	129.1
3.	Foodgrains	2.7	1.9	2.7	12.0	21.9	33.9
4.	Building Materials	94.9	23.5	118.4	87.2	23.9	111.1
5.	Wood and Timber	51.4	6.1	57.5	44.8	-	44.8
6.	Oil Seeds and Oil Cake	8.0	9.4	17.4	14.8	5.3	20.1
7.	Salt	12.0	234.8	246.8	18.8	296.9	315.7
8.	Iron and Steel	7.7	1.9	9.6	-	-	-
9.	Fruits and Vegetables	6.9	-	6.9	-	-	-
10.	Cement and Clinker	12.3	465.7	478.0	10.9	427.6	438.5
11.	Vegetables Oil	-	31.9	31.9	-	13.6	13.6
12.	Cotton (Raw)	-	2.8	2.8	-	-	-
13.	Chemicals	3.2	38.9	42.1	1.7	35.6	37.3
14.	Lime and Limestone	-	40.9	40.9	-	55.0	55.0
15.	Fertilizers	2.2	64.3	66.5	3.3	89.6	92.9
16.	Miscellaneous	60.5	65.0	115.5	62.4	49.9	112.3
	Total	813.9	975.2	1789.1	853.9	1019.3	1873.2

...234..

Table No. 52 (contd)

Sr. No.	Commodity	Import 27	Export 28	Total 29	Import 30	Export 31	Total 32
1.	Mineral Oil	259.7	-	259.7	252.2	-	252.2
2.	Coal & Coke	157.4	-	157.4	27.6	-	27.6
3.	Foodgrains	1.2	20.5	21.7	1.2	34.3	1.2
4.	Building Materials	66.5	23.5	90.0	71.4	25.3	96.7
5.	Wood and Timber	43.2	-	43.2	32.7	-	32.7
6.	Oil Seeds and Oil Cake	7.2	0.3	7.5	11.7	2.6	14.3
7.	Salt	19.5	247.7	267.2	20.2	263.2	283.4
8.	Iron and Steel	8.8	1.2	10.0	8.9	1.2	10.1
9.	Fruits & Vegetables	-	-	-	-	-	-
10.	Cement and Clinker	10.8	412.3	423.1	11.0	464.8	475.8
11.	Vegetable Oil	-	11.2	11.2	-	13.0	13.0
12.	Cotton (Raw)	-	-	-	-	-	-
13.	Chemicals	2.2	9.6	11.8	2.8	23.8	26.6
14.	Lime and Limestone	-	42.6	42.6	-	43.5	43.5
15.	Fertilizers	4.1	24.4	28.5	12.0	35.3	47.3
16.	Miscellaneous	36.4	41.2	77.6	146.3	53.3	199.6
	Total	617.0	834.5	1451.5	618.0	960.3	1416.8

Source : Director of Ports, Gujarat State, Ahmedabad.

LSP/

Data for hand Book of Basic Transport Statistics,
1969, '70 & '71.

Page No.	Table No.	Col. No./Item No.	Read 4	For 5
1	2	3		
26	5 C	5, Jamnagar	Mil	"
27	4 C	Sr. No.5, Jamnagar col.7,8	52,142	"
29	5	Table heading	Expenditure on Roads	"
37	6 C	Bulsar Col. 18	1423	425
39	7	Col. 5,6	Cr. lverts	Coliver
47	28	Last line	Din	"
39	19 B	6, Jamnagar (B) Col. 5	30222.1	30221
44	19 B	12, Mehsana (A) Col.15	8.19	8.00
49	19 B	18, Surendranagar (A) col.8	1.52	1.00
202	19 C	14, Baroda (B) Col. 18	7.01	0.01
103	202	Col. 15 1 (A)	9.08	7.08
110	20 A	Col.16 5 (B)	34281	342817
116	20 B	Col.11 4 (A)	5	2006
118	20 B	Col. 15 4 (A)	2	247
116	20 B	Col. 15	3	505
183	24	Col.5 1, Ahmedabad	76072	"
181	28	Sr No. 5 Col. 6	Piplav	"
155	37 B	Sr No.5 Col.4 (Bedi)	425.5	125.5
385	27 B	Table Col. 6	785.4	705.5
189	28	Sr No. 11- 1966-67 Col.4	59	"
145	50	Total, 1966-69. Col. 5 (%)	97.7	"
145	50	Total, 1967-68, Col. 8	740.8	Illegible
145	50	Total, 1967-68, Col.9	5127.6	"
153	52	1964-65, Total Import	1529.8	"
153	52	1961-62 Grand Total Export	1576.9	"
155	52	1962-63 " " Export	1821.2	"
155	52	1963-64, Grand Total Export	1955.5	"
155	53	1963-64, Porbandar, Coastal	149.7	"
156	53	1966-67 Porbandar Coastal	192.9	"
156	53	1967-68, Porbandar Coastal	216.5	"
156	53	1968-69, " "	204.9	"
156	53	1969-70 " "	145.2	"
163	54 A	1968-69 " " Col.10	204.8	"
165	54. B	1969-70 " " Col.7,	127.7	"
169	54 C	1970-71 " " Col.10	117.5	"
177	56	1966-67, Sr No. 9 Col. 18	55.6	53.0
179	56	Sr 6 is missing	6	"
185	59	Total Col.12	11, 576.4	Illegible.

(Porla)