

FOR OFFICIAL USE ONLY



HANDBOOK OF BASIC TRANSPORT STATISTICS

1972-73



BUREAU OF ECONOMICS AND STATISTICS

GOVERNMENT OF GUJARAT

AHMEDABAD

HAND BOOK OF BASIC TRANSPORT STATISTICS
GUJARAT STATE
1972 AND 1973



BUREAU OF ECONOMICS AND STATISTICS
GOVERNMENT OF GUJARAT
AHMEDABAD.

ksn/99/

LIBRARY	Applied
	Engel
934	
DATE 20.2.82	
CALL NO 964	

BASIC TRANSPORT STATISTICS, GUJARAT STATE, 1972-73.

C O N T E N T S.

Table No.	Subject.	Page
Gujarat State in the Indian Union (1969-70)		
<u>SECTION: I</u>		<u>ROADS</u>
1	Categorywise road length	1
2	Surface-wise road length	2
3	Category-wise and surface-wise road length by districts (1972-73).	3
4.	Road length in each district per 100 sq.kilometres of area and per lakh of population (1972-73)	7
5.	Expenditure on roads.	8
6.	Requirement under 20 year road plan and actual road achievement at the end of 1972-73.	9
7.	Percentage of villages according to availability of approach road (1972-73)	12
8.	List of major road-links with adjoining States (1972-73)	13
<u>SECTION: II</u>		<u>ROAD TRANSPORT.</u>
9.	Number of motor vehicles registered by type of vehicles,	14
10.	Number of motor vehicles on roads.	15
11.	Number of regular inter-State permits granted to goods vehicles to operate on inter-State routes.	16
12.	Revenue from road transport taxation	17
13.	G.S.R.T.C. Average number of vehicles held, average seating capacity, percentage fleet utilisation, average vehicle utilisation.	18
14.	G.S.R.T.C. Number of routes, route-kilometres, number of schedules, effective kilometres and dead kilometres.	19
15.	G.S.R.T.C. Number of passengers carried, average distance travelled by a passenger, average earning per passenger, earning per passenger per kilometre.	20
16.	G.S.R.T.C. Gross revenue, net revenue, cost of operation.	21
17.	G.S.R.T.C. Analysis of cost of operation per bus kilometre (1972-73)	22
18.	Financial results of Gujarat State Road Transport Corporation.	23

Table No.	Subject.	Page
SECTION: II (CONT.)		
19.	District-wise position of S.T. services to villages (1972-73)	24
20.	Position of S.T. Passenger services to villages classified according to population group (1972-73)	32
21.	Plan expenditure on road development, road transport ports and tourism.	36
SECTION: III RAILWAYS		
22.	Railway system	37
23.	District-wise railway length	38
24.	District-wise number of passengers originating at different stations.	39
25.	District-wise goods traffic originating at different stations.	40
SECTION: IV PORTS		
26.	District-wise names of ports (1972-73)	41
27.	Number and net registered tonnage of foreign and costal steamers and sailing vessels at intermediate and minor ports (1972-73)	42
28.	Year-wise number of steamers calling at intermediate and minor ports.	44
29.	The share of steamers and sailing vessels in the cargo handled at intermediate and minor ports.	45
30.	Number of steamers and sailing vessels, exports and imports (Foreign and Coastal) (1972-72 and 1972-73).	46
31.	Passenger traffic inward and outward, foreign and coastal at the intermediate and minor ports.	47
32.	The tonnage of imports and exports handled at intermediate and minor ports.	48
33.	Import and export traffic classified as foreign and coastal at intermediate and minor ports.	50
34.	Import and export traffic handled by intermediate and minor ports (1972-73)	52
35.	Import tonnage at Kandla	53
36.	Export tonnage at Kandla	55
37.	Traffic handled at Kandla Port	57
38.	Revenue receipts from ports	58
39.	Expenditure incurred on ports	59
40.	Income for Kandla port.	61

Table No.	Subject.	Page
41	Expenditure for Kandla port.	62
<u>SECTION: V</u> <u>AIR SERVICES.</u>		
42	Air services, capacities and operation available tonne kilometres, passengers carried, cargo tonnes kilometres etc. (1972-73)	63
43	Cost data regarding types of air craft(1972-73)	64
<u>SECTION: VI</u> <u>MISCELLANEOUS</u>		
44	Deleted	--
45	Tonne kilometre of crude oil and gas carried by different modes of transport within and outside Gujarat State (1971-72)	65
<u>SECTION: VII</u> <u>TRAFFIC.</u>		
46	Estimated goods traffic by railways and highways.	66
47	Estimated quantity of important commodities transported by highways.	67
48	Principal commodities transported by the railways	68
49.	Deleted	--
50.	Deleted	--
51.	Intensity of traffic on selected highways	69
52.	Export and import trade with foreign country through intermediate and minor ports(1972-73)	71
53	Foreign trade through intermediate and minor ports	75
54	Coastal trade through intermediate and minor ports	77

**GUJARAT STATE
IN
THE
INDIAN
UNION.**

BASIC TRANSPORT STATISTICS
GUJARAT STATE IN THE INDIAN UNION (Year 1969-70)

Sr.No.	Item.	Year of reference.	Unit.	Gujarat State.	Indian union.	Percentage of Gujarat State to Indian Union.
1	2	3	4	5	6	7
I ROADS						
A (1) National High-ways.						
		1969-70	Kilo metres	1,056	23,520	4.4
B <u>Surfacewise Road length.</u>						
	(1) Cement concrete	"	"	999	5,302	19.6
	(2) Black top	"	"	9,932	107308	5.3
	(3) Water band macadam.	"	"	5,405	141897	3.8
	(4) Unsurfaced roads	"	"	16,956	259,100	6.5
	Total(B)	"	"	33,333	593,607	5.6
(C) <u>Length of Roads.</u>						
	(1) Per 100 sq.Kms.of area.	"	"	13	36	-
	(2) Per lakh of population.	"	"	126	217	-
	(3) Surfaced roads per 100 sq.kms. of area	"	"	9	12	-
	(4) Unsufficed roads per 100 sq.kms.of area	"	"	9	24	-
<u>II ROAD TRANSPORT.</u>						
(A) <u>No. of motor vehicles registered</u>						
	(1) Motor cycles 1969-70 Number			46,519	301,034	9.5
	autorickshaws					
	(2) Motor cars including Jeeps.	"		33,013	555,003	5.9
	(3) Taxi cabs	1969-70	Number	1,417	59,240	2.4
	(4) Stage carriages	"	"	5,322	90,246	5.9
	(5) Lorries	"	"	22,352	327,471	6.8

1	2	3	4	5	6	7
(6) Other vehicles	"	"	18,033	100,985	17.8	
Total (A)	"	"	126,713	1624,059	7.8	
(B) <u>No. of Motor vehicles</u>						
(i) Per 100 sq.kms. of area	"	"	54	51	-	
(2) Per lakh of population.	"	"	474	231	-	
(3) <u>Per 100 kms. of roads.</u>						
(i) Surfaced	"	"	773	379	-	
(ii) unsurfaced	"	"	380	212	-	
III. <u>Railways.</u>						
(i) Broad Gauge.	1969-70	Kilometres	1,127	29,361	3.8	
(2) Metre Gauge	"	"	3,417	25,847	13.2	
(3) Narrow Gauge	"	"	1,135	4,930	23.0	
(4) Total.	"	"	5,679	60,138	9.4	
IV <u>Ports</u>						
A <u>No. of ports</u>						
(1) Major ports	1969-70	No	1	8	12.5	
(2) Intermediate ports.	"	"	11	23	4.8	
(3) Minor ports	"	"	34	122	27.9	
(B) <u>Goods traffic Handled by ports.</u>						
(1) Total	1969-70	'000 tonnes	5,371	21,791	8.7	
(2) Imports	"	"	3,026	29,929	10.5	
(3) Exports	"	"	2,365	32,062	22.8	
(4) Coastal	"	"	2,661	11,782	22.6	
(5) Foreign	"	"	2,730	50,009	5.4	

Table No.1

CATEGORYWISE ROAD LENGTH
(Unit: K.M.)

Sr. No.	As on 31st 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	3,660	13,154
2.	1956	717	1,956	3,112	6,950	5,054	17,789
3.	1961	1,005	4,025	6,086	7,008	4,505	22,629
4.	1962	1,030	4,535	6,389	7,139	4,666	23,759
5.	1963	1,033	4,588	6,511	7,210	4,972	24,314
6.	1964	1,033	4,975	6,772	6,933	5,052	24,765
7.	1965	1,033	5,041	6,867	7,053	5,096	25,090
8.	1966	1,033	5,125	7,132	7,065	5,674	26,029
9.	1967	1,041	5,519	7,039	7,456	6,395	27,450
10.	1968	1,048	5,757	7,396	8,015	7,317	29,533
11.	1969	1,056	6,983	7,127	8,417	8,628	32,211
12.	1970	1,056	8,003	6,599	8,532	9,143	33,333
13.	1971	1,056	8,200	6,936	8,678	9,476	34,346
14.	1972	1,335	8,269	7,265	8,916	10,009	35,794
15.	1973	1,352	8,483	7,798	9,153	10,727	37,513

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

Table No.2.
Surfacewise Road Length.

(Unit: Kilometres)

Sr. No.	As on 31st March of the year.	Roads under P.W.D. and local bodies.				Grand total.	
		Cement concrete.	Black Top	Water bound and Macadam.	Total surfaced 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	7,736	10,003	17,789
3.	1961	1,080	4,436	6,416	11,932	10,697	22,629
4.	1962	1,079	5,099	6,348	12,526	11,233	23,759
5.	1963	1,085	5,859	6,202	13,146	11,163	24,314
6.	1964	1,091	6,352	6,210	13,653	11,112	24,765
7.	1965	1,093	6,664	6,126	13,833	11,207	25,090
8.	1966	1,024	7,161	5,919	14,104	11,925	26,029
9.	1967	1,016	7,702	5,899	14,617	12,933	27,450
10.	1968	1,003	8,536	5,528	15,067	14,466	29,533
11.	1969	1,002	9,275	5,408	15,685	16,526	32,211
12.	1970	989	9,982	5,406	16,377	16,956	33,333
13.	1971	929	10,746	5,445	17,120	17,226	34,346
14.	1972	898	11,658	5,695	18,251	17,543	35,794
15.	1973	875	12,859	6,280	19,972	17,541	37,513

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

TABLE NO. 3.

CATEGORYWISE AND SURFACEWISE ROAD LENGTH BY DISTRICTS.
(As on 31-3-1973)

(Unit:- Kilometres)

Sr No.	District	Category of road	Surfaced			Un- surfa- ced	Total
			Cement concre- te	Black Top	Water bound maca- dum		
1	2	3	4	5	6	7	8
1.	Ahmedabad	N.H.	-	119	-	119	119
		S.H.	31	441	33	505	544
		M.D.R	-	251	64	315	440
		O.D.R	-	99	40	139	368
		V.R	-	81	37	119	454
		Total	31	991	174	1196	1925
2.	Amroli	N.H	-	-	-	-	-
		S.H	34	304	30	368	369
		M.D.R	-	242	196	438	509
		O.D.R	-	10	132	142	348
		V.R	-	5	127	132	656
		Total	34	561	485	1080	1882
3.	Kutch	N.H.	2	150	-	152	152
		S.H	-	719	107	826	984
		M.D.R	-	66	104	170	370
		O.D.R	-	10	96	106	583
		V.R	-	23	120	143	397
		Total	2	968	427	1597	2486
4.	Kaira	N.H	-	79	-	79	79
		S.H	68	550	20	638	648
		M.D.R	-	303	107	410	460
		O.D.R	-	151	129	280	440
		V.R	-	42	91	133	400
		Total	68	1125	347	1540	2027
5.	Gandhinagar	N.H	-	-	-	-	-
		S.H	-	49	4	53	53
		M.D.R	-	45	-	45	45
		O.D.R	-	48	3	51	72
		V.R	-	3	-	3	8
		Total	-	145	7	152	178

(over)

- 4 - Table 3 (contd)

1	2	3	4	5	6	7	8	9
6.	Jamnagar	N.H	-	-	-	-	-	-
		S.H	40	422	102	564	24	588
		M.D.R	-	121	103	224	106	330
		O.D.R	-	38	283	321	142	463
		V.R	-	2	91	93	155	248
		Total	40	583	579	1202	427	1629
7.	Junagadh	N.H	3	72	-	75	-	75
		S.H	91	450	4	545	30	575
		M.D.R	-	127	240	387	151	518
		O.D.R	3	56	257	316	163	479
		V.R	-	5	230	235	401	636
		Total	97	710	731	1538	745	2283
8.	Dangs	N.H	-	-	-	-	-	-
		S.H	-	94	10	104	21	125
		M.D.R	-	36	112	148	-	148
		O.D.R	-	36	109	145	78	223
		V.R	-	7	10	17	308	323
		Total	-	173	241	414	407	821
9.	Panchamabals	N.H	-	-	-	-	-	-
		S.H	140	334	14	488	1	489
		M.D.R	-	123	251	500	210	519
		O.D.R	-	90	240	508	754	942
		V.R	-	25	39	43	593	643
		Total	140	695	415	1148	2045	3193
10.	Banaskantha	N.H.	-	199	-	199	-	199
		S.H.	-	388	-	388	176	564
		M.D.R	-	134	84	218	479	697
		O.D.R	-	-	50	50	546	596
		V.R	-	27	29	56	452	508
		Total	-	748	163	911	1653	2564

(contd)

- 5 -

(contd)

Table 9 - (contd)

1	2	3	4	5	6	7	8	9
11.	Broach	N.H	-	40	-	40	-	40
		S.H	19	346	23	388	35	423
		M.D.R	-	228	53	281	191	472
		O.D.R	-	106	188	294	469	763
		V.R	-	5	40	45	199	244
		Total	19	725	304	1048	894	1942
12.	Bhavnagar	N.H	-	-	-	-	-	-
		S.H	78	268	-	346	32	378
		M.D.R	-	314	154	468	70	538
		O.D.R	-	48	96	144	327	471
		V.R	-	20	27	47	1129	1176
		Total	78	650	277	1075	1558	2563
13.	Mehsana	N.H	-	-	-	-	-	-
		S.H	-	521	6	527	12	539
		M.D.R	-	313	50	363	198	561
		O.D.R	-	6	15	21	128	149
		V.R	1	27	5	33	503	536
		Total	1	867	76	944	841	1785
14.	Rajkot	N.H	38	202	-	240	-	240
		S.H	102	245	11	358	26	384
		M.D.R	-	199	146	345	76	421
		O.D.R	-	2	326	482	315	757
		V.R	-	-	87	99	752	840
		Total	140	548	570	1453	1170	2832
15.	Baroda	N.H	-	76	-	76	-	76
		S.H	-	335	-	335	-	335
		M.D.R	-	223	102	325	72	397
		O.D.R	-	190	176	366	334	700
		V.R	3	41	205	249	461	710
		Total	3	865	483	1351	867	2218

(contd)

-- (Contd)

--Table 3 (contd.)

1	2	3	4	5	6	7	8	9
16.	Bulsar	N.H	-	-	-	-	-	-
		S.H	18	220	68	306	12	318
		M.D.R	-	178	32	210	143	353
		O.D.R	-	85	122	217	234	451
		V.R	-	13	32	45	671	716
		Total	18	506	254	778	1050	1836
17.	Sabarkantha	N.H	-	93	-	93	-	93
		S.H	66	241	27	334	-	334
		M.D.R	-	263	10	273	97	370
		O.D.R	-	21	11	32	69	101
		V.R	-	9	82	91	715	806
		Total	66	627	130	823	881	1704
18.	Surat	N.H	-	55	-	55	-	55
		S.H	66	321	22	409	35	444
		M.D.R	-	295	32	327	128	455
		O.D.R	-	115	187	302	330	632
		V.R	-	2	20	22	678	700
		Total	66	783	239	1115	1171	2286
19.	Surendra-nagar	N.H	34	79	-	113	-	113
		S.H	36	208	72	316	73	389
		M.D.R	-	58	137	195	-	195
		O.D.R	-	6	66	72	263	335
		V.R	-	10	61	71	353	424
		Total	70	361	336	767	689	1456
20.	Gujarat State.	N.H	77	1275	-	1352	-	1352
		S.H	789	6456	553	7798	685	8483
		M.D.R	-	3574	1857	5431	2367	7798
		O.D.R	3	1199	2526	3728	5425	9153
		V.R	4	335	1324	2653	9064	10777
		Total	873	12839	6260	19972	17541	37513

Sources: P.W.D.
Government of Gujarat,
Gandhinagar.

Table No.4

Road length in District Per 100 sq. Kilometres' of area
and per lakh of population.

(Year:- 1972-73)

(Unit:- Kilometre).

Sr. No.	District.	Per 100 sq. Kilometres of area.			Per lakh of population		
		Surfa- ced.	unsurf- aced.	Total	Surfa- ced.	unsurfaced	Total.
1	2	3	4	5	6	7	8
1.	Ahmedabad.	14	8	22	33	23	61
2.	Amreli	16	12	28	121	90	211
3.	Kutch	3	2	5	157	123	280
4.	Kaira	21	7	28	60	19	79
5.	Gandhinagar	23	4	27	69	12	81
6.	Jamnagar	9	3	12	101	36	137
7.	Junagadh	14	7	21	87	42	129
8.	Dangs	25	24	49	413	405	818
9.	Panchmahals	13	23	36	59	105	164
10.	Banaskantha	7	13	20	63	124	192
11.	Broach	11	10	21	90	77	167
12.	Bhavnagar	9	14	23	63	105	173
13.	Mehsana	11	9	20	43	38	81
14.	Rajkot	12	10	23	84	67	151
15.	Baroda	17	11	28	64	41	105
16.	Bulsar	15	20	35	52	71	123
17.	Sabarkantha	11	12	23	65	70	135
18.	Surat	14	15	29	53	61	119
19.	Surendrenagar	7	7	14	36	77	163
*	Gujarat State	10	9	19	71	62	133

(1) Figures for area is as per 1971 population census.

(2) Figures for population is as per estimated population
for 1973.

Table No.5

Expenditure on roads (Unit: '000 Rs.)

Sr. No.	Year.	State Roads			National Highways.		
		Mainte- nance works.	Origin- al works	Total	Main- tenance 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	177.68
2.	1962-63	120.74	304.29	425.03	36.14	136.73	172.87
3.	1963-64	145.43	310.92	456.35	36.32	100.09	136.41
4.	1964-65	216.09	254.98	471.07	48.34	90.00	138.84
5.	1965-66	246.88	300.87	547.75	59.33	114.55	172.93
6.	1966-67	256.51	308.15	564.66	45.00	86.26	131.26
7.	1967-68	324.60	353.59	678.19	36.92	50.67	87.59
8.	1968-69	689.19	457.11	1146.30	103.15	21.93	125.08
9.	1969-70	662.33	502.03	1164.36	81.42	42.84	124.26
10.	1970-71	1241.17	576.36	1817.53	109.40	130.96	240.36
11.	1971-72	675.29	724.81	1400.00	135.49	231.12	366.61
12.	1972-73	681.71	1045.27	1724.98	80.41	409.84	500.25

Source:- Public works department govt. of Gujarat,
Gandhinagar.

TABLE NO. 6.

Requirement under 20 year Road Plan and Actual Road
Kilometrage achieved at the end of 1972-73.

(Unit:- Kilometre)

Sr No.	District	National Highways			State Highways		
		Required under 20 year plan	Actual	Percent- tage of actual roads in relation with re- quirement	Required under 20 year plan	Actual	Percent- tage of actual roads in relation with re- quirement.
1	2	3	4	5	6	7	8
1.	Ahmedabad	319	119	37	408	544	133
2.	Amreli	114	-	-	280	369	128
3.	Kutch	341	152	44	613	94	160
4.	Kaira	200	79	40	335	648	177
5.	Jamnagar	283	-	-	397	586	148
6.	Junagadh	370	75	20	277	5.5	207
7.	Dangs	-	-	-	126	125	99
8.	Panchmahals	177	-	-	296	489	165
9.	Banaskantha	156	199	127	439	564	128
10.	Broach	34	40	63	380	423	111
11.	Bhavanagar	208	-	-	335	378	113
12.	Mehsana	159	-	-	394	389	107
13.	Rajkot	387	240	62	377	304	101
14.	Baroda	134	76	57	322	335	104
15.	Bilsar	336	-	16	454	318	156
16.	Surat	-	55	-	-	444	-
17.	Sabarkantha	94	93	99	309	334	108
18.	Surendranagar	211	113	53	386	389	101
19.	Gandhinagar	-	-	-	-	53	-
Total		3603	1352	37	6166	8483	138

(contd)

Table 6. (Contd)

Sr No.	District	Major District Road			Other District Roads		
		Required under 20 year plan	Actual	Perce tage of actual roads in relation with re- quirement	Required under 20 year plan	Actual	Percentage of actual roads in relatin with re- quirement
1	2	9	10	11	12	13	14
1.	Ahmedabad	895	440	49	903	568	57
2.	Amreli	670	509	75	673	548	52
3.	Kutch	910	370	41	1153	585	50
4.	Kaira	1395	460	33	1314	440	33
5.	Jamnagar	752	330	44	879	463	53
6	Junagadh	919	513	56	1073	479	45
7	Dangs	109	148	136	171	223	129
8	Panch mahals	771	519	67	1060	1242	117
9	Banaskantha	865	697	80	1047	596	57
10	Broach	573	472	82	732	763	104
11	Bhavnagar	956	533	56	867	471	54
12	Mehsana	1216	561	46	1327	149	11
13	Rajkot	859	421	49	999	757	74
14	Baroda	789	397	50	982	700	71
15	Bilsar	1337	537	60	1676	451	65
16	Surat	-	455	-	-	632	
17	Sabarkantha	601	370	62	705	101	14
18	Surendranagar	763	195	26	785	335	43
19	Gandhinagar	-	45	-	-	72	-
Total		14302	7798	54	16441	9153	56

--5--

(contd)

Table 6 (Contd)

Sr No.	District.	Village Roads.			Total		
		Required under 20 year plan	Actual	Percentage of actual roads in relation with requirement	Required under 20 year plan	Actual	Percentage of actual roads in relation with requirement
1	2	15	16	17	18	19	20
1.	Ahmedabad	1002	454	45	3695	1925	53
2.	Amreli	721	656	91	2472	1882	77
3.	Kutch	1036	397	38	4068	2406	61
4.	Kaira	1153	400	34	4430	2027	46
5.	Jamnagar	829	248	30	3140	1629	52
6.	Junagadh	1128	636	56	3767	2233	61
7.	Dangs	257	325	126	663	821	124
8.	Panchmahals	1270	943	74	3574	3193	89
9.	Banaskantha	1222	503	41	3729	2564	69
10.	Broach	869	244	28	2518	1942	74
11.	Bhavnagar	969	1176	121	3335	2563	76
12.	Mehsana	939	536	57	4035	1785	44
13.	Rajkot	1025	840	82	3647	2622	72
14.	Baroda	1185	710	60	3412	2218	65
15.	Bilsar	1672	716	85	5475	1838	75
16.	Surat	-	700	-	-	2286	-
17.	Sabarkantha	925	806	87	2634	1704	65
18.	Surendranagar	829	424	51	2275	1456	64
19.	Gandhinagar	-	8	-	-	178	-
Total		17036	10727	5663	57928	37513	65

Note: The length of roads required under 20 year road plan for (1) Gandhinagar district is not available and (2) for Bilsar and Surat district is not available separately.

Sources: - (1) Forth Five Year Plan, "Draft Report 1960-74 for 20 year plan figures.

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

Poria

Table No.7

Percentage of villages according to Availability of Approach Roads.

(as on 31-3-71)

Sr. No.	District.	Percentage of villages.				Total
		On the main road.	without approach road.	with approach road but out necessary cuverts & bridge.	with approach roads having necessary cuverts & bridge.	
1	2	3	4	5	6	7
1.	Ahmedabad.	21.3	46.5	10.9	21.3	100.00
2.	Amreli	24.0	49.3	19.1	7.6	100.00
3.	Kutch	30.5	39.0	23.9	6.7	100.0
4.	Kaira	22.1	34.5	20.2	23.2	100.0
5.	Gandhinagar	13.9	2.5	92.3	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	56.4	3.0	100.0
9.	Panchmahals	17.2	37.2	32.7	12.9	100.0
10.	Danaskantha	19.2	74.5	5.8	0.5	100.00
11.	Broach	16.3	61.8	20.1	11.8	100.0
12.	Bhavnagar	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.	Baroda	24.8	60.6	6.9	7.7	100.0
16.	Dulsar.	25.4	22.6	10.2	41.8	100.0
17.	Sabarkantha	23.8	33.3	32.6	10.3	100.0
18.	Surat	25.6	28.5	19.9	26.0	100.0
19.	Surendra-nagar.	20.2	54.4	19.3	5.6	100.0
	Gujarat State.	21.4	47.8	12.2	12.6	100.0

Source:- Survey of roads and road transport facilities in Gujarat conducted by Bureau of Economics & Statistics, Gujarat State, Ahmedabad.

Table 8
List of Major road links with adjoining states
(1972-73)

Sr. No.	Name of roads.	Category of road.	Name of the adjoining State.
1	2	3	4
1.	Delhi-Ahmedabad-Dombay road.	N.H.	Rajasthan Maharashtra.
2.	Raghanpur-Bhabhar-Vav.Tharad-Sanchor road.	N.H.	Rajasthan.
3.	Ahmedabad-Mehsana-Palanpur-Abu road.	N.H.	Rajasthan.
4.	Himatnagar-Idarkhodbrahma-Ambamata Mount Abu Road.	S.H.	Rajasthan.
5.	Nadiad-Dakor-Godhra-Dohad-Indor Road.	S.H.	Madhya-Pradesh
6.	Dohad-Alirajpur Road.	S.H.	Madhya-Pradesh
7.	Baroda-Dabhoi-Bodeli-Chhotaudpur-Alirajpur Road.	S.H.	Madhya-Pradesh
8.	Chival-Diksal-Nasik Road.	S.H.	Maharashtra
9.	Bilimora-chikhli-Dansda-Waghai-Nasik Road.	S.H.	Maharashtra.
10.	Surat-Bardoli-Vyara-Uchhal-Bulda Road.	S.H.	Maharashtra.
11.	Ankleshwar-Koswadi-Netrang-Sagbara-Akkalkwa-Talod-Sahado Road.	S.H.	Maharashtra
12.	Jalod-Danswara Road.	S.H.	Rajasthan.
13.	Ahwa-Nawanpur Road(Babulghat)	S.H.	Maharashtra.
14.	Posing-Abu road.	M.D.R.	Rajasthan.
15.	Naswadi-Kawant Roadg Road.	M.D.R.	Madhya-pradesh
16.	Dharampur-surgana road.	M.D.R.	Maharashtra.

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

Notes:- N.H. National Highway

S.H. State "

M.D.R. Major District Road.

TABLE NO. 2

NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE OF VEHICLES.

Sr No.	Type of vehicles.	Number of motor vehicles registered as on				
		31.3.61	31.3.63	31.3.71	31.3.72	31.3.73.
1	2	3	4	5	6	7
1.	Motor cycles	7137	18,730	49,934	61,589	74,240
2.	Motor car including Jeeps	15613	23,372	36,626	39,900	44,470
3.	Taxi cabs	675	1,265	1,669	1,864	2,111
4.	Auto-rickshaws	1106	3,237	7,692	8,306	10,153
5.	Stage carriages	2287	3,895	5,563	6,362	7,030
6.	Lorries	12068	15,705	24,843	26,301	27,977
7.	Tractors	1220	4,984	12,292	15,161	13,067
8.	Trailers	596	3,908	7,991	9,633	11,966
9.	Others	1493	1,235	1,357	1,454	1,614
Total		42195	76,411	1,47,967	1,71,003	1,97,638

Sources: Director of Transport, Gujarat State, Ahmedabad.

: S E C T I O N : I I :

: R O A D T R A N S P O R T :

/Porla/

: TABLE NO. 10 :

NUMBER OF MOTOR VEHICLES ON ROADS.

Sr.No.	Type of vehicles	Number of vehicles on roads as on			
		31-3-74	31-3-75	31-3-76	31-3-77
1.	Motor cycles	16677	46192	57166	69069
2.	Motor cars including jeeps	10020	29003	33003	35035
3.	Taxi cabs	772	1332	1467	1513
4.	Auto-rickshaws	3007	6502	8193	8790
5.	Stage carriages	3371	4532	4539	5207
6.	Lorries	11054	17322	18567	19762
7.	Tractors	4123	9136	10459	12644
8.	Trailers	1759	5303	6004	8904
9.	Others	404	640	520	901
10.	Total	60010	127042	149338	163463.

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

Mporia 2-5-74.

TABLE NO. 11:

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

INTER - STATE, ROUTES.

Sr.No.	Name of State	31-3-66		31-3-71		31-3-72		31-3-73	
		Pub.c.	P.c.	Pub.c.	P.c.	Pub.c.	P.c.	Pub.c.	P.c.
1	2	3	4	5	6	7	8	9	10
1.	Maharashtra	294	25	1187	36	1431	38	1438	43
2.	Rajasthan	115	3	150	4	150	10	98	10
3.	Madhy-Pradesh	60	1	84	3	95	2	87	2
4.	* Goa	1	1	5 *	-	10 *	-	7 *	-
Total:		470	30	1426	43	1686	50	1630	55

Note:- Pub.C = Public carrier P.C. = Private carrier

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

* including Daman & Diu

,,,17....

: T A B L E NO. 12 :

REVENUE FROM ROAD TRANSPORT TAXATION.

(Unit:- ' 000 Rs.)

Sr.No.	Year	Motor vehicle taxes & fees	Salestax on motor fuel	Passengers and goods taxes	Total
1	2	3	4	5	6
1.	1961-62	24,228	9366	9856	43450
2.	1962-63	31,063	10693	14006	55762
3.	1963-64	32,500	11160	23440	67100
4.	1964-65	34,950	11137	29412	75499
5.	1965-66	39,369	14778	34034	88381
6.	1966-67	43,515	21885	41602	107002
7.	1967-68	48,561	23230	50165	121958
8.	1968-69	55,058	25,581	59895	140534
9	1969-70	62,897	25009	69475	157381
10	1970-71	71,337	38855	87069	197261
11.	1971-72	77,360	47853	100779	225992
12.	1972-73	84,099	52500	116507*	253106

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

2. "Civil Budget" Gujarat State 1973-74 (vol.I)

* This does not include the amount of additional
tax collected for the relief of Bangla desh
Refuges.

Foria

: T A B L E NO. 13 :

AVRAGE 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	Perce- 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	1193	41.6	68.7	181.4
3.	1962-63	1838	1361	43.1	72.1	190.7
4.	1963-64	2104	1518	43.8	72.1	196.6
5.	1964-65	2338	1672	43.9	70.6	201.8
6.	1965-66	2479	1875	44.6	75.6	207.5
7.	1966-67	2392	2080	45.4	77.3	212.7
8.	1967-68	2358	2280	46.4	77.1	215.8
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
12	1971-72	3963	3108	49.5	79.9	244.4
13	1972-73	4308	3362	50.3	80.1	257.1

Source:- Gujarat State Road Transport Corporation, Ahmedabad.

/porla/

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

Sr.No.	Year	No. of Routes	Route kilometres	Ave. route distance in kms.	No. of Schedules	Gross kms. in lakhs	Effective kms in lakhs	Dead kms. in lakhs	Percentage of dead Kms. to effective kms.
1	2	3	4	5	6	7	8	9	10
1.	1960-61	1,774	66,808	57.56	1334	739.16	728.40	10.76	2.22
2.	1961-62	1,911	77,245	40.42	1425	792.63	781.92	10.76	1.33
3.	1962-63	2,269	94,127	41.47	1595	952.02	941.82	10.20	1.03
4	1963-64	2,432	1,02,933	41.47	1776	1093.83	1082.86	10.97	1.01
5	1964-65	2752	1,17,186	42.58	1955	1234.40	1222.99	11.41	0.93
6.	1965-66	3,148	1,36,763	43.47	2171	1423.41	1410.13	13.32	0.94
7.	1966-67	3,529	1,52,585	43.84	2339	1617.44	1502.20	15.21	0.95
8.	1967-68	3,873	1,71,559	44.30	2526	1819.87	1798.54	20.33	1.13
9.	1968-69	4235	1,89,324	44.70	2715	2053.46	2028.76	24.70	1.22
10.	1969-70	4631	2,10,626	45.29	2851	2140.45	2114.52	25.93	1.23
11.	1970-71	5494	2,46,046	45.49	3173	2432.55	2453.17	29.32	1.20
12	1971-72	5973	2,70,698	45.32	3283	2796.55	2759.67	36.88	1.34
13	1972-73	6367	2,97,694	46.76	3512	3171.40	3128.00	43.40	1.37

Sources:-
Gujarat State
Road Transport
Commission
Ahmedabad.

Source :- Gujarat State Road Transport Corporation, Ahmedabad.

, 20.
: TABLE NO. 15 :

NO. OF PASSENGERS CARRIED AVERAGE DISTANCE TRAVELED BY A PASSENGERS
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 pass- enger per K.(in paisa)
1	2	3	4	5	6
1.	1960-61	1493.90	14.56	45.88	3.15
2.	1961-62	1574.62	14.48	45.25	3.13
3.	1962-63	1861.67	15.18	47.40	3.12
4.	1963-64	2057.77	15.57	51.47	3.31
5.	1964-65	2009.22	16.17	54.81	3.39
6.	1965-66	2581.40	16.48	55.75	3.38
7.	1966-67	3083.44	16.93	57.49	3.39
8.	1967-68	3596.85	16.74	61.36	3.67
9.	1968-69	3391.30	17.12	66.89	3.91
10.	1969-71	4444.36	16.80	65.70	3.81
11.	1970-71	5064.66	17.33	67.82	3.91
12.	1971-72	5861.97	17.68	68.51	3.89
13.	1972-73	6400.38	17.85	68.88	3.86

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

/Porla/

: T A B L E NO. 16:

GROSS REVENUE, NET REVENUE, COST OF OPERATION.

G.S.R.T.C.			(Unit lakhs of Rs)		
Sr.No.	Year	Gross revenue	Total Operating cost	Net revenue	Operating ratio col. 4x100 col.3
1	2	3	4	5	6
1.	1960-61	644.38	581.76	62.62	90.23
2.	1961-62	767.34	735.59	31.75	95.86
3.	1962-63	941.22	872.80	68.42	92.83
4.	1963-64	1113.19	1052.59	60.60	94.55
5.	1964-65	1317.18	1212.50	104.68	92.05
6.	1965-66	1559.14	1459.71	99.43	94.26
7.	1966-67	1839.07	1848.34	9.27	100.50
8.	1967-68	2282.66	2183.24	99.42	95.65
9.	1968-69	2741.48	2617.68	123.80	95.48
10.	1969-70	3028.62	2812.21	216.41	92.85
11.	1970-71	3563.59	3331.90	231.59	93.50
12.	1971-72	4156.84	4236.86	80.02	101.93
13.	1972-73	4602.46	4702.56	100.10	102.17

Source:- Gujarat State road Transport Corporation,
Ahmedabad.

/Porla/

934
Guj
20.2.82

Shah

..22..
: T A B L E NO. 17:

G.S.R.T.C. ANALYSIS OF COST OF OPERATION PER BUS KILOMETRE
(Year: 1972-73)

Sr.No.	Item	Cost of operation per bus kilometres (in paise)	Percentage to total
1	2	3	4
(A) OPERATING EXPENSES			
1.	Salaries & allowances	33.97	22.60
2.	Welfare and Superannuation charges	5.31	3.53
3.	<u>Stores</u>		
	(a) Spare parts	6.85	4.56
	(B) Tyres and Tubes	9.11	6.06
	(c) Other stores	3.81	2.53
4.	Reconditioning and repairs	3.60	2.39
5.	Fuel (Power)	20.51	3.64
6.	<u>TAXES</u>		
	(a) Passenger tax	31.93	21.24
	(b) Motor vehicle tax	3.12	2.08
	(c) Rates and Taxes	0.74	0.49
7.	Rents	0.14	0.09
8.	Insurance	0.45	0.30
9.	<u>Depreciation</u>		
	(i) On vehicles	14.48	9.63
	(ii) On other assets	0.45	0.30
10.	General charges and other charges	6.18	4.11
Total A (1 to 10)		<u>140.65</u>	<u>93.55</u>
(B) NON OPERATING EXPENSES			
11.	Debt charges	0.66	0.44
12.	Interest on capital	3.73	2.48
13.	Income Tax	0.93.	0.62
14.	<u>Provision for</u>		
	(a) clearance of stock adjustment account	0.16	0.10
	(b) Development rebate, reserve	0.07	0.05
	(c) Obsolescence	0.12	0.08
	(d) Bad and doubtful debts	-	-
	(e) Sinking fund.	0.73	0.48
	(f) Additional depreciation fund	3.29	2.19
Total B (11 to 14)		<u>9.69</u>	<u>6.45</u>
GRAND TOTAL :		<u>150.34</u>	<u>100.00</u>

Source:- Gujarat State Road Transport Corporation, Ahmedabad.

/Peria/

(Unit- lakh of Rs)

FINANCIAL RESULTS OF GUJARAT STATE ROAD TRANSPORT CORPORATION.

Sr.No.	Item	1960-61	1965-66	1970-71	1972-73	1972-73
1	2	3	4	5	6	7
1.	Gross revenue receipts	644.38	1559.14	3563.59	4156.84	4602.46
2.	Revenue expenditure	531.99	1304.52	2874.16	3471.45	3941.34
3.	Gross margin	112.39	254.62	689.43	685.39	661.12
4.	Depreciation	75.58	165.75	346.10	394.55	456.89
5.	Net margin	36.81	88.87	343.33	390.84	194.23

Note:- * for 11 months of the year.

Source:- Gujarat State Road Transport Corporation,
Ahmedabad.

DISTRICTWISE POSITION OF STATE TRANSPORT SERVICES TO VILLAGES.

No. of villages availing of S.T. services from the nearest bus stop at a distance of up to $\frac{1}{2}$ k.m. 1 to 1 k.m. 1 to 2 k.m.

S.No.	District	Total No. of villages in each dist. (a) No. of villages (b) population	Total No. of villages directly serviced		4	5	6	7	8	9
			Through the year	During fair season only						
1	2	3	4	5	6	7	8	9		
1.	Almedabad	A. 695 (100.00) B. 2910307 (100.00)	502 (72.23) 2739890 (94.14)	59 (8.49) 71799 (2.47)	561 (80.72) 2811689 (96.61)	19 (2.73) 21795 (0.70)	19 (2.73) 14382 (0.49)	24 (3.45) 17056 (0.59)		
2.	Amreli	A. 607 (100.00) B. 848730 (100.00)	206 (33.94) 482481 (55.85)	311 (51.24) 315643 (37.19)	517 (85.18) 798124 (94.04)	- (-) -	1 (0.16) 145 (0.02)	18 (2.97) 9847 (1.16)		
3.	Kutch	A. 911 (100.00) B. 849759 (100.00)	218 (23.93) 485530 (57.14)	402 (44.15) 304050 (35.78)	620 (68.06) 789580 (92.92)	4 (0.44) 407 (0.05)	37 (4.06) 8771 (1.05)	53 (6.92) 11389 (1.36)		
4.	Kaira	A. 974 (100.00) B. 2451387 (100.00)	413 (42.40) 1664526 (67.90)	325 (33.37) 589976 (24.08)	738 (75.27) 2254502 (91.97)	68 (6.98) 78354 (3.19)	71 (7.29) 50853 (2.07)	78 (80.01) 53694 (2.20)		
5.	Gandhinagar	A. 76 (100.00) B. 200642 (100.00)	40 (52.83) 159851 (69.70)	23 (30.26) 50264 (25.05)	63 (82.89) 190115 (94.75)	1 (1.32) 231 (0.12)	4 (5.26) 5472 (1.73)	7 (9.26) 6285 (3.12)		

T A B L E NO. 19 (Contd)

Sr.No.	District.	No. of villages availing of S.T. Services from the nearest bus stop at a distance										Total of col.	
		2 to 3 k.m.	3 to 4	4 to 5 k.m.	5 and above k.m.	Total be-	yond 3 k.m.	11+85	12+13	14	15	16	
1	2	10	11	12	13	14	15	16	17	18	19	20	
1.	Ahmedabad	A. 33 (1.63)	95 (1.63)	20 (2.88)	10 (1.44)	9 (1.30)	39 (5.62)	134 (19.29)					
	B.	23911 (0.83)	77592 (2.67)	11000 (0.38)	5579 (0.18)	4647 (0.16)	21026 (3.72)	98618 (3.39)					
2.	Amreli	A. 27 (4.45)	46 (7.58)	12 (1.98)	2 (0.33)	30 (4.94)	44 (7.24)	90 (14.82)					
	B.	14332 (1.69)	24324 (2.86)	5979 (0.79)	381 (0.04)	19922 (2.35)	26282 (3.09)	50608 (5.94)					
3.	Kutch	A. 75 (8.23)	179 (19.65)	438 (3.62)	59 (4.33)	40 (1.39)	112 (12.29)	291 (31.94)					
	B.	17279 (2.04)	38046 (4.48)	5817 (0.68)	8899 (1.05)	7427 (0.87)	22143 (2.60)	60189 (7.08)					
4.	Kaira	A. 11 (1.13)	228 (23.41)	3 (0.31)	2 (0.20)	3 (0.31)	8 (0.82)	236 (24.23)					
	B.	9477 (0.39)	192378 (7.85)	1310 (0.05)	773 (0.03)	2424 (0.10)	4507 (0.18)	196885 (6.03)					
5.	Gandhinagar	A. 1 (1.32)	13 (17.11)	-	-	-	-	13 (17.11)					
	B	559 (0.28)	10527 (5.25)	-	-	-	-	10527 (5.25)					

1	2	3	4	5	6	7	8	9
3.	Jamnagar. A.	721 (100.00)	197 (27.32)	335 (46.47)	532 (73.79)	1 (0.14)	17 (2.36)	33 (4.58)
	B.	1111343 (10.00)	339651 (50.26)	345282 (31.07)	1014933 (91.33)	582 (0.05)	11215 (1.01)	20248 (1.82)
7.	Junagadh A.	1113 (100.00)	261 (23.45)	632 (56.78)	893 (80.23)	-	7 (0.65)	34 (3.05)
	B.	1656677 (100.00)	899585 (54.30)	667223 (40.28)	1566806 (94.58)	-	4906 (0.30)	19442 (1.17)
8.	Dangs. A	311 (100.00)	73 (23.47)	37 (11.90)	110 (35.37)	-	-	32 (10.29)
	B.	94185 (100.00)	34619 (36.76)	11377 (12.08)	45996 (48.84)	-	-	6641 (7.05)
9.	Panch mahals A.	1912 (100.00)	407 (21.55)	385 (13.15)	792 (12.43)	11 (0.58)	104 (5.44)	309 (16.16)
	B.	1848804 (100.00)	751736 (40.66)	338465 (21.55)	1150201 (62.21)	6721 (0.36)	63480 (5.43)	180472 (9.76)
10.	Barasanth A.	1359 (100.00)	447 (32.89)	402 (29.58)	849 (62.47)	5 (0.37)	34 (2.50)	123 (9.05)
	B	1265383 (100.00)	678975 (53.66)	359523 (28.41)	1038498 (82.07)	1741 (0.14)	12205 (0.96)	51082 (4.04)

1	2	10	11	12	13	14	15	16
3.	Jamnagar	A (6.10) B. 22239 (2.01)	38 (5.26) 19094 (1.72)	18 (2.50) 7688 (0.69)	38 (5.26) 15284 (1.38)	94 (13.03) 42036 (3.79)	139 (23.21) 96410 (8.67)	
7.	Junagadh	A (5.93) B 37433 (2.26)	107 (9.62) 61781 (3.72)	30 (2.70) 5701 (0.34)	34 (3.05) 8099 (0.31)	113 (10.15) 28090 (1.69)	220 (19.77) 89877 (5.42)	
8.	Dangs	A (1.61) B 1654 (1.75)	37 (11.90) 8295 (9.80)	29 (9.32) 7659 (5.13)	51 (23.26) 23189 (24.63)	154 (52.73) 33854 (42.32)	201 (64.53) 48189 (51.15)	
9.	Panchamahals	A (12.65) B 153903 (8.33)	666 (34.83) 404578 (21.89)	121 (6.33) 81636 (4.41)	213 (11.14) 144902 (7.84)	454 (23.75) 294027 (15.30)	1120 (58.58) 598503 (37.79)	
10.	Barasankantha	A (10.74) B 53329 (5.24)	300 (22.66) 131357 (10.38)	47 (3.46) 22290 (1.76)	71 (5.22) 36341 (2.87)	202 (14.86) 95528 (7.55)	510 (37.53) 225885 (17.93)	

Table No. 19 (Contd)

.. 28 ..

	3	4	5	6	7	8	9	
12.								
Erach	A	1144 (100.00)	247 (21.58)	412 (36.01)	659 (57.60)	16 (1.40)	40 (3.50)	92 (8.04)
	B	1109501 (100.00)	492411 (44.38)	385930 (34.87)	379401 (79.25)	8569 (0.76)	23460 (2.11)	55234 (4.98)
13.								
Bhavnagar	A	893 (100.00)	371 (41.55)	390 (43.67)	101 (85.22)	5 (0.34)	8 (0.89)	34 (3.81)
	B	1405285 (100.00)	935321 (70.85)	345193 (24.56)	1340004 (93.41)	1082 (0.98)	3218 (4.23)	19053 (1.35)
	A	1097 (100.00)	502 (54.88)	533 (30.63)	938 (85.51)	5 (0.54)	19 (1.73)	59 (5.38)
	B	2092438 (100.00)	1593150 (73.14)	411957 (13.69)	2005087 (95.85)	2350 (0.11)	12441 (0.59)	50714 (1.47)
14.								
Rajkot	A	871 (100.00)	341 (39.15)	361 (41.45)	702 (80.30)	9 (1.05)	29 (3.33)	42 (4.82)
	B	1324072 (100.00)	1185398 (73.51)	344180 (21.13)	1529878 (94.20)	181 (0.58)	18038 (1.11)	22021 (1.33)
15.								
Baroda	A	1589 (100.00)	315 (18.35)	519 (30.73)	834 (49.38)	2 (0.12)	89 (5.27)	227 (13.44)
	B	1980035 (100.00)	1022083 (51.32)	583929 (29.49)	1303015 (81.11)	735 (0.34)	40281 (2.03)	110180 (5.55)

Table No. 19 (Contd)

	2	10	11	12	13	14	15	16
11. Broach								
A	29	177	87	81	140	308	485	
	(2.53)	(15.47)	(7.60)	(7.08)	(12.24)	(26.92)	(42.40)	
B	17901	105264	39415	35751	49770	124936	230200	
	(1.52)	(9.49)	(3.55)	(3.22)	(4.49)	(11.26)	(20.75)	
12. Bhavnagar								
A	50	95	22	10	5	37	132	
	(5.60)	(10.33)	(2.46)	(1.12)	(0.53)	(4.14)	(14.78)	
B	24824	48177	9641	4684	1979	16304	34481	
	(1.77)	(3.43)	(0.67)	(0.33)	(0.14)	(1.16)	(4.59)	
13. Mehsana								
A	32	116	39	7	6	43	159	
	(2.92)	(10.57)	(2.73)	(0.64)	(0.55)	(3.92)	(14.49)	
B	16900	62415	18515	2495	3956	24966	87381	
	(0.81)	(3.98)	(0.88)	(0.12)	(0.19)	(1.17)	(4.17)	
14. Rajkot								
A	58	138	18	7	6	31	169	
	(6.36)	(15.85)	(2.06)	(0.80)	(0.33)	(3.55)	(19.14)	
B	30545	76815	8695	4096	4588	17379	94194	
	(1.88)	(4.73)	(0.53)	(0.25)	(0.28)	(1.07)	(5.80)	
15. Baroda								
A	220	538	66	92	159	317	855	
	(13.02)	(31.85)	(3.91)	(5.45)	(9.42)	(18.77)	(50.52)	
B	39340	250544	2702	4758	55053	123506	374050	
	(5.02)	(12.65)	(1.40)	(2.06)	(2.78)	(6.24)	(18.89)	

Table No. 19 (contd)

..30 ..

1	2	3	4	5	6	7	8	9
16.	Bilsar	A 837 (100.00)	233 (27.84)	327 (39.08)	560 (68.90)	1 (0.12)	112 (5.48)	42 (5.02)
	B	1428742 (100.00)	705523 (49.38)	523883 (35.57)	1229405 (85.05)	994 (0.07)	13932 (0.98)	42514 (2.98)
17.	Sabarkantha	A 1393 (100.00)	340 (24.44)	326 (44.94)	966 (69.35)	13 (0.93)	71 (5.10)	135 (9.69)
	B	1187637 (100.00)	525394 (52.66)	402428 (33.86)	1027822 (86.54)	5153 (0.52)	28083 (2.36)	51631 (4.35)
18.	Surat	A 1229 (100.00)	319 (25.95)	421 (34.25)	740 (60.21)	4 (0.32)	35 (2.85)	101 (8.22)
	B	1786924 (100.00)	1040080 (58.20)	461296 (25.82)	1501376 (84.02)	3583 (0.20)	20817 (1.16)	60478 (3.38)
19	Surendranagar	A 659 (100.00)	149 (22.61)	301 (45.67)	450 (68.28)	3 (0.45)	16 (2.43)	24 (5.54)
	B	845454 (100.00)	442632 (52.35)	299960 (35.48)	742592 (87.83)	1632 (0.19)	7992 (0.85)	10805 (1.28)
20.	Total of all for Gujarat State	A 18491 (100.00)	5681 (30.72)	6604 (35.74)	12285 (66.94)	166 (0.31)	613 (3.31)	1481 (3.63)
	B	26697475 (100.00)	16647407 (62.35)	6875418 (25.73)	23522825 (88.11)	141228 (0.45)	358231 (1.27)	779073 (2.92)

Table No. 19 (Concl'd)

1	2	10	11	12	13	14	15	16
16.	Bulsar	A	18	73	44	29	140	204
			(2.15)	(8.72)	(5.26)	(2.39)	(15.74)	(33.10)
	B		13408	71008	41757	12132	76439	128328
			(0.94)	(4.97)	(2.92)	(0.85)	(5.21)	(8.98)
17.	Sabarkantha	A	87	310	45	43	28	117
			(5.24)	(22.25)	(3.30)	(3.09)	(2.01)	(8.40)
	B		32389	118236	19237	13107	9205	41549
			(2.73)	(9.96)	(1.62)	(1.10)	(0.78)	(3.50)
18	Surat	A	33	173	112	98	106	316
			(2.59)	(14.08)	(7.11)	(7.97)	(8.62)	(25.71)
	B		22095	106973	74263	54395	49917	178575
			(1.24)	(5.99)	(4.16)	(3.04)	(2.79)	(9.99)
19	Surendranagar	A	49	92	40	31	46	117
			(7.44)	(13.97)	(3.07)	(4.70)	(6.98)	(17.75)
	B		26690	47120	16189	13980	25573	55742
			(3.16)	(5.58)	(1.91)	(1.65)	(3.02)	(6.80)
20	Total of all for Gujarat State	A	1226	3485	868	687	1165	2720
			(5.63)	(18.85)	(4.69)	(3.71)	(6.30)	(14.70)
	B		631268	1889802	429286	321844	533718	1284848
			(2.36)	(7.08)	(1.61)	(1.20)	(2.00)	(4.81)

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

.. 32 ..
Table No. 2b

POSITION OF S.T. SERVICES TO VILLAGES ACCORDING TO POPULATION

(As on 31-3-1973)

Sr.No.	Group of population	Total No. of villages in under each group	Total No. of villages directly served			No. of villages availing of S.T. services from the nearest Bus Stop at a distance of			
			Through out the year	During fair season only	Total	Up to 1/2 k.m.	1/2 to 1 k.m.	Total up to 1 k.m.	
1	2	3	4	5	6	7	8	9	
1.	1 to 499	A 6406 (100.00) B 1751179 (100.00)	835 (13.03) 261282 (14.92)	1787 (27.90) 537487 (30.69)	2622 (40.93) 798769 (45.61)	61 (0.95) 17359 (0.99)	344 (5.37) 92450 (5.15)	405 (5.32) 107809 (6.15)	
2.	500 to 999	A 5239 (100.00) B 3797537 (100.00)	1314 (25.03) 981410 (25.84)	2229 (42.55) 1637537 (43.13)	3543 (67.65) 2618947 (38.97)	55 (1.05) 39751 (1.05)	179 (3.42) 125703 (5.31)	234 (4.47) 165454 (4.35)	
3.	1000 to 1999	A 4400 (100.00) B 6087426 (100.00)	1834 (41.68) 2603276 (42.75)	1913 (43.54) 2336722 (43.31)	3750 (85.22) 5239998 (85.07)	38 (0.85) 50082 (0.82)	88 (2.00) 117835 (3.94)	126 (2.85) 167917 (2.76)	
4.	2000 to 4999	A 1965 (100.00) B 5747671 (100.00)	1262 (64.17) 3779119 (65.75)	630 (32.06) 1782869 (31.02)	1891 (95.23) 5561988 (95.77)	12 (0.51) 3406 (0.06)	2 (0.10) 4243 (0.07)	14 (0.71) 7649 (0.13)	

..33...
Table No. 20 (contd)

Sr.No.	Group of	No. of villages availing of S.T. services from the nearest bus stop at a distance of									
		1 to 2 k.m	2 to 3 k.m.	Total upto 3 k.m	3 to 4 k.m	4 to 5 k.m.	5 & above k.m	Total beyond 5 k.m.	of 12 & 16	Total	
1	2	10	11	12	13	14	15	16	17		
1.	1 to 4999	A	894 (13.95)	731 (11.41)	2030 (31.69)	527 (8.23)	452 (7.05)	775 (12.10)	1754 (27.38)	3784 (59.07)	
		B	232153 (13.25)	192576 (11.00)	532540 (30.41)	126789 (-)	113733	179348 (10.24)	419870 (-)	54210 (54.39)	
2.	500 to 399	A	401 (7.35)	358 (5.83)	993 (18.95)	251 (4.79)	173 (3.30)	279 (5.33)	703 (13.42)	1596 (32.37)	
		B	277048 (7.30)	243716 (5.50)	689218 (18.15)	173430 (4.57)	11930 (3.14)	193571 (5.18)	489402 (12.89)	1178320 (31.03)	
3.	1000 to 1999	A	162 (3.58)	123 (2.86)	411 (9.34)	82 (1.86)	58 (1.32)	99 (2.25)	239 (5.43)	550 (14.78)	
		B	210338 (3.45)	157357 (2.59)	535913 (8.80)	105471 (1.73)	77340 (1.27)	128704 (3.11)	311515 (3.11)	847428 (13.93)	
4.	2000 to 4999	B	23 (1.17)	14 (0.71)	51 (2.60)	7 (0.35)	4 (0.20)	12 (0.61)	23 (1.17)	74 (3.77)	
		B	55834 (0.97)	54947 (1.13)	128430 (2.24)	13758 (0.29)	11470 (0.20)	28995 (0.50)	57223 (0.39)	185583 (3.23)	

Table No. 20 (contd)

1	2	3	4	5	6	7	8	9
5.	5000 & above	A 265 (100.00)	225 (84.90)	39 (14.72)	264 (99.62)	..	..	..
		B 1817132 (100.00)	1549872 (85.29)	260422 (14.33)	1810294 (99.62)	..	..	..
6.	Towns & cities	A 2161 (100.00)	212 (98.14)	3 (1.39)	215 (99.53)	..	..	..
		B 7496500 (100.00)	7472448 (99.68)	20381 (0.27)	7492829 (99.95)	..	..	..
		A 18491 (100.00)	5681 (30.72)	6604 (35.72)	12285 (66.44)	166 (0.90)	613 (3.31)	629 (4.21)
7.	Grand total	B 26697475 (100.00)	16647407 (62.35)	6875418 (25.76)	23522825 (88.11)	141228 (0.45)	338231 (1.27)	479459 (1.72)

Table No. 29 (Concl'd)

1	2	10	11	12	13	14	15	16	17
5.	5000 & above	A	..	..	1. (0.38)	..	..	1 (0.38)	1 (0.38)
		B	..	..	5838	..	..	5838	5838
			..	..	..	..	..	..	..
			..	..	..	..	..	..	..
6.	Towns & cities	A	1 (0.47)	1 (0.47)	..	..	..	..	1 (0.47)
		B	3671 (0.05)	3671 (0.05)	..	..	..	..	3671 (0.05)
7	Grand total	A	1481 (0.01)	3486 (18.85)	868 (4.69)	687 (3.71)	1165 (9.30)	2720 (14.70)	5206 (33.56)
		B	779075 (2.92)	1889802 (7.08)	4239283 (1.61)	321844 (1.20)	533718 (2.00)	1284848 (4.81)	3174650 (11.89)

A. No. of inhabited villages & towns.

B. Corresponding population.

Note:- 1 The figures of villages/towns & population are as per census, of 1971.

2 Figures in brackets indicate percentage to the horizontal total of the item concerned.

Source:- Gujarat State Road Transport Corporation, Ahmedabad.

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

(Unit: - Rs in crores)

Sr. No.	Sector	First plan 1951-56	Second plan 1953-61	Third plan 1951-56	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.	Road development	9.38	20.52	17.13	3.05	3.59	5.28	5.02	5.27	5.61	6.79		
2.	Road transport	N.A.	3.14	3.01	3.63	2.32	3.51	2.60	3.53	2.01	1.28		
3.	Ports	1.35	3.47	3.07	0.72	0.66	0.35	0.75	1.64	1.11	7.69		
4.	Tourism	-	-	0.11	0.02	0.01	0.02	0.08	0.12	0.13	7.17		
Total		10.73	27.23	23.32	7.42	6.89	9.16	8.45	10.59	8.86	6.93		

+ Expenditure met from internal resource and Central Government (Railways contribution)

* Expenditure met from internal resources and public loans.

Source:- 1. Third Five Year Plan (1951-56) - Revised

2. Development programme (1971-72 & 72-73)

3. " Fourth Five Year Plan (1969-74)

: SECTION : III :

: RAILWAYS :

/Porla/

..37...

Table No. 23
RAILWAY SYSTEM

(Unit: Kilometre)

Gauge	As on			
	31-3-56	31-3-61	31-3-66	31-3-73 (Provi- tional)
	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	68	68
Total	3,269	3,338	3,388	3,417
<u>Narrow Gauge</u>				
Single line	1,155	1,155	1,135	1,135
Double line	-	-	-	-
Total	1,155	1,155	1,135	1,135
Grand Total	5,326	5,396	5,427	5,679

Source :- Calculated from the Railway Time Table.

Table No. 23

DISTRICTWISE RAILWAY LENGTH
(As on 31/3/73)

(Unit :- Kilometres)

Sr. No.	District	Broad Gauge	Metre Gauge	Narrow Gauge	Total
1	2	3	4	5	6
1	Ahmedabad	95	292	-	387
2	Amreli	-	303	-	303
3	Kutch	84	200	-	284
4	Kaira	238	-	103	341
5	Jamnagar	-	389	-	389
6	Junagadh	-	406	-	406
7	Dangs	-	-	5	5
8	Panchmahals	158	-	96	254
9	Banaskantha	-	252	-	252
10	Broach	45	-	173	218
11	Bhavnagar	-	252	108	360
12	Mehsana	-	467	-	467
13	Rajkot	35	379	65	479
14	Baroda	95	-	438	533
15	Bulsar	108	-	60	168
16	Sabarkantha	-	169	-	169
17	Surat	147	-	60	207
18	Surendranagar	122	308	27	457
Gujarat Railway		1127	3417	1135	5679

Source:- Calculated from the Railway Time Table.

: Table No. 24

District wise Number of Passengers Originating at different
Railways Station. (Year : 1968-69) (Unit : 1000 numbers)

Sr.No.	District	Broad gauge	Metre gauge	Narrow gauge	Total
1	2	3	4	5	6
1.	Ahmedabad	759711	149351	..	2 25322
2.	Amreli	..	22415	..	22415
3.	Kutch	..	22316	..	22316
4.	Kaira	180733	..	90418	27 1151
5.	Jamanagar	..	39310	..	39310
6.	Junagadh	..	66142	..	66142
7.	Dangs	..	..	549	549
8.	Panchmahals	28296	..	9121	37417
9.	Banaskantha	..	34374	..	34374
10.	Broach	33489	..	30476	63965
11.	Bhavnagar	..	68699	11766	80465
12.	Mehsana	..	181682	..	181682
13.	Rajkot	..	53096	5008	58104
14.	Baroda	55266	..	85336	140602
15.	Bilsar	83401	..	4964	88365
16.	Surat	88035	..	8557	96592
17.	Sabarkantha	..	24847	..	24847
18.	Surendranagar	2972	33015	4247	39354
Total		547263	695267	250442	1492972

Source:- "Statistics of outward Coaching Passenger traffic and total outward and inward goods traffice dealt with at each station during the year ending 31st March 1969". Western Railways , Bombay.

: T A B L E NO. 25 :

Districtwise goods Traffic Originating at different Stations.

(Year 1968-69)

(Unit : '000 Tones)

Sr.No.	District	Goods traffic originating		
		Revenue Traffic	Non-Revenue Traffic	Total
1	2	3	4	5
1.	Ahmedabad	776.5	50.5	827.0
2.	Amreli	32.8	3.4	36.2
3.	Kutch	1578.4	0.3	1578.7
4.	Kaira	783.6	15.9	799.5
5.	Jamnagar	1735.1	41.1	1776.2
6.	Junagadh	1155.3	9.1	1164.4
7	Dangs	8.6	0.1	8.7
8	Panchmahals	417.6	24.9	442.5
9.	Banaskantha	202.4	4.0	206.4
10-	Broach	736.8	5.8	742.6
11	Bhavnagar	471.8	52.9	524.7
12	Mehsana	273.2	8.8	282.0
13	Rajkot	449.4	20.7	470.1
14	Baroda	672.2	17.7	689.9
15	Bilsar	385.0	15.6	400.6
16	Sabarkantha	86.3	0.3	86.6
17	Surat	277.3	16.9	294.2
18	Surandranagar	1092.7	7.7	1100.4
Total		11135.0	295.7	11430.7

Source:- "Statistics of Outward Coaching passenger traffic and total outward and inward goods traffic dealt with each stations during the year ending 31st March, 1969."

Western Railway, Bombay.

/Poria/

: S E C T I O N : I V :
P O R T

**
*

/Poria/

: TABLE NO. 26 :

DISTRICTWISE NAMES OF PORTS

Year: 1972-73.

Sr.No.	District	Ports					Total No of ports in the dist.
		Major ports	Intermediate		Minor		
			Foreign	Coastal	Foreign	Coastal	
1	2	3	4	5	6	7	8
1.	Kutch	Kandla	Mandvi	..	Mundra Jakhau	..	4
2 .	Rajkot	..	Navlakhi	..	..	..	1
3.	Jamnagar	..	Bodi Sokka Okha Salaya	..	Jodiya	Pindhra Rupeen Beyt	8
4.	Junagadh	..	Porbandar Veraval	..	Mangrol	Madhwa Navabunder Rajpara	6
5	Amreli	..	..	..	Kotda Jafrabad Pipavav(Rajula)		3
6.	Bhagnagar	..	Bhavnagar	..	Mah u va Taloja	Ghogha	4
7.	Ahmedabad	..	..	..	..	..	..
8.	Kaira	..	..	..	..	..	..
9-	Broach	..	..	Broach	..	Dehej	2
10.	Surat ..	..	Surat	..	Vansiborsi	Bhagwa Onjal Billamora	5
11.	Bulsar	..	..	..	Kolak Maroli Umergaon	Bulsar Umersadi	5
Total		1	10	1	13	13	38

Note:- In addition to the above, there are two ports viz, Diu and Daman which are Centrally administered.

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

/Porin/

NUMBER AND NET REGISTERED TONNAGE OF FOREIGN AND COASTAL STEAMERS AND SAILING VESSELS AT INTERMEDIATE AND MINOR PORTS.

(Unit: '000 Tons)
(Year: 1972-73)

Sr.No.	Port.	Steamers						Total
		Foreign		Coastal		Total		
		No. of vessels	Net registered tonnage	No. of vessels	Net registered tonnage	No. of vessels	Net registered tonnage	
1	2	3	4	5	6	7	8	
<u>INTERMEDIATE PORTS</u>								
1.	Mandvi	..	..	..	..	..	..	..
2.	Navlakhi	4	20.4	17	63.9	21	84.3	..
3	Bedi	108	391.4	20	93.4	128	484.8	..
4.	Sikka	15	15.0	73	95.3	88	110.3	..
5.	Salaya	2	10.0	12	16.8	14	26.8	..
6.	Okha	45	219.9	108	184.7	153	404.6	..
7	Porbandar	29	226.9	27	28.3	56	155.2	..
8	Veraval	36	118.6	18	96.5	54	215.1	..
9	Bhavanagar	78	306.2	24	46.8	102	353.0	..
10.	Broach	..	..	..	..	..	..	..
11-	Surat	..	..	..	..	..	..	..
Total		317	1208.4	299	625.7	616	1834.1	
Minor ports.		11	48.4	24	33.6	35	85.0	
Total in Gujarat State		328	1256.8	323	662.3	651	1919.1	
total								

Table No. 27 (contd)

Sr.No.	Port	Sailing Vessels:				Total
		Foreign	No. of	No. of	Net registered	
		Net registered	vessels	vessels	tonnages	
		tonnage				
1	2	10	11	12	13	14
INTERMEDIATE PORTS						
1.	Mandvi	1.3	535	19.8	552	21.1
2.	Navalakhdi	..	..	..	..	..
3.	Bedi	11.9	40	0.9	133	12.8
4.	Sikka	3.0	117	9.2	140	12.2
5.	Salaya	8.2	77	5.9	158	14.1
6.	Okha	..	614	33.3	614	33.3
7.	Portbandar	5.6	242	23.3	299	28.9
8.	Veraval	..	1068	85.9	1068	85.9
9.	Bhavnagar	..	452	24.5	452	24.5
10.	Broach	..	170	2.2	170	2.2
11.	Surat	..	224	7.1	224	7.1
Total		130.0	3559	212.1	3810	242.1
Minor ports.		0.1	795	27.3	795	27.5
Gujarat State total		130.1	1430	423.5	11792	459.6

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

: T A B L E NO. 28 :

YEARWISE NUMBER OF STEAMERS CALLING AT INTERMEDIATE AND MINOR PORTS.									
Sr. No.	Year	Mandvi	Bedi	Sikka	Sala	Okha	Porbandar	Mangrol	Veraval
1	2	3	4	5	6	7	8	9	10
1.	1956-57	67	155	55	5	239	81	1	87
2.	1960-61	68	189	74	2	257	130	..	130
3.	1965-66	12	150	86	10	178	76	..	40
4.	1970-71	1	149	85	24	109	53	..	54
5.	1971-72	1	139	109	20	127	59	..	71
6.	1972-73	..	128	83	14	153	56	..	54

Sr.No.	Year	Navsakhi	Mahuva	Rhavnagar	Jukhsau	Munddra	Jafra	Pipavav	Navbunder	Surat	Pin	Total No. of steamers in the year
1	2	11	12	13	14	15	16	17	18	19	20	21
1.	1956-57	17	3	110	7	8	62	1	46	19	..	944
2.	1960-61	13	1	141	10	8	70	5	23	..	..	1142
3.	1965-66	35	..	134	8	19	5	3	3	..	..	761
4.	1970-71	17	..	107	11	15	3	7	..	..	..	1342
5.	1971-72	20	..	103	18	13	2	4	..	..	..	130
6.	1972-73	21	..	102	12	17	..	6	..	..	..	651

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

: T A B L E NO. 29 :

SHARE
THE SHARE OF STEAMERS AND SAILING VESSELS IN THE CARGO HANDLED AT INTERMEDIATE AND MINOR PORTS (unit: '000 tonnes).

Sr.No.	Year	Steamers			Sailing vessels			Total quantity of cargo.
		No. of steamers.	Quantity of cargo	Percentage of total cargo	No. of sailing vessels	Quantity of cargo	Percentage of total cargo	
1	2	3	4	5	6	7	8	9
1.	1956-57	944	1337.5	72%	11400	532.8	20%	1870.3
2.	1960-61	1142	1636.0	70%	13457	717.7	30%	2353.7
3.	1965-66	761	2392.0	83%	15004	569.9	17%	3262.7
4.	1970-71	641	2200.0	83%	11493	458.1	17%	2658.1
5.	1971-72	690	2495.2	84%	10802	491.3	16%	2976.3
6.	1972-73	651	2539.6	85%	11762	455.6	15%	2995.1

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

Number of steamers and sailing vessels, Export and Import Fireign and coasts (Unit '000 Tonnes).

Sr.No.	Classification of vessels.	Year	Number of vessels	Import		Export		Total imports & exports both foreign and coastal	Average tonnage per vessel.
				Foreign	Coastal	Foreign	Coastal		
1	2	3	4	5	6	7	8	9	10
I STEAMERS									
Indian	Foreign	1971-72	335	17.5 (5.11)	281.0 (53.56)	234.1 (45.33)	605.9 (72.45)	1219.5 (47.94)	3705
		1972-73	345	72.3 (15.25)	224.0 (47.84)	215.8 (72.45)	607.6 (72.45)	1200.6 (47.93)	3430
		1971-72	295	508.2 (33.34)	15.7 (3.27)	951.7 (73.58)	..	1275.1 (42.89)	4328
		1972-73	306	383.5 (30.37)	5.75 (12.23)	875.3 (73.58)	2.12 (2.23)	1339.0 (44.71)	4576
Total		1971-72	690	325.7 (34.95)	297.3 (55.86)	1185 (73.27)	605.9 (74.95)	2495.2 (83.83)	3613
		1972-73	651	455.8 (96.12)	202.4 (50.77)	1092.6 (93.17)	700.8 (74.58)	2539.5 (84.30)	3901
II SAILING VESSELS									
Total		1971-72	10982	17.3 (5.05)	225.9 (43.14)	0.8 (0.73)	220.2 (25.05)	431.1 (16.17)	44
		1972-73	11763	18.4 (3.98)	187.7 (39.93)	3.2 (0.83)	240.3 (25.32)	451.6 (15.21)	39
		1971-72	11572	343.0 (100.00)	523.6 (107.00)	1194.5 (107.00)	915.1 (107.00)	2975.3 (107.00)	..
		1972-73	12413	474.2 (100.00)	470.1 (107.00)	1121.8 (100.00)	949.1 (107.00)	2995.1 (107.00)	..

Note:- The figures in brackets indicate the percentage to total. Source:- Director of ports, Gujarat State, Ahmedabad.

PASSENGER TRAFFIC INWARD AND OUTWARD FOREIGN AND COASTAL AT INTERMEDIATE AND MINOR PORTS. (Unit 1000 Tonnes).

Sr. No.	Port	Nature of traffic	NO. OF PASSENGERS									
			1961-62		1965-66		1970-71		1971-72		1972-73.	
			Inward	Outward	Out	Inward	In	Outward	Inward	Outward	Inward	Outward
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Mandvi	Foreign Coastal	3693	21949	453	1300	..	..	..	..	..	..
			12593	17375	6807	4999	..	..	..	..	..	..
2.	Bedi	Foreign Coastal	883	635	686	855	..	95	3	246	..	..
			..	..	..	..	..	..	..	..	..	..
3.	Okha	Foreign Coastal	..	..	..	..	..	..	..	..	..	..
			3800	3360	2504	2906	..	..	2.	..	..	..
4.	Porbandar	Foreign Coastal	1593	1425	1430	1870	1739	726	507	500	427	832
			65	501	6	..	..	..	..	..	..	..
5.	Veraval	Foreign Coastal	..	..	..	..	..	..	..	..	..	..
			1482	360	517	70	..	..	..	..	..	..
6.	Navabundar	Foreign Coastal	..	..	..	..	..	..	..	..	..	..
			3900	4227	713	535	..	..	..	..	..	..
7.	Jafrabad	Foreign Coastal	..	..	..	..	..	..	..	..	..	..
			2066	2153	403	189	..	..	..	..	..	..
8.	Total	Foreign Coastal	6174	5059	2659	4025	1769	822	690	745	8	..
			29994	20031	11060	8688	..	..	2	8	427	832
	Grand Total	..	36168	33090	13689	13713	1789	822	592	754	435	832

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

....48...

T A B L E NO. 3288A

(Unit '000 Tonnes)

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

Sr. No.		Ports	Nature of traffic.	1950-51		1955-56		1971-72		1972-73.	
1		2	3	4	5	6	7	8	9	10	11
<u>I. INTER-MEDITE PORTS.</u>											
1.		Mandivi	Import Export Total	23.8 7.0 30.8	13.9 15.0 28.9	12.6 13.7 26.3	11.8 10.5 22.3	12.9 5.4 18.3			
2.		Navlakhi	Import Export Total	30.0 57.0 87.0	292.5 29.5 322.1	21.1 53.4 84.5	39.3 77.2 116.5	108.8 49.6 158.5			
3.		Bedi	Import Export Total	34.1 317.4 351.5	22.1 314.7 336.8	13.7 497.7 511.4	13.0 444.3 457.3	13.1 453.5 466.6			
4.		Alkha- Sikka	Import Export Total	3.8 201.6 205.4	80.9 273.4 354.3	1.6 255.5 257.1	13.3 354.4 367.7	10.5 235.9 246.4			
5.		Salaya	Import Export Total			1.5 89.1 90.6	2.3 79.3 81.6	1.5 75.9 77.3			
6.		Okha	Import Export Total	210.1 361.7 571.8	473.8 277.8 751.6	247.7 243.5 491.2	319.5 272.7 592.2	395.2 303.9 699.1			
7.		Porbandar	Import Export Total	59.5 85.1 144.7	34.2 211.1 245.3	29.4 177.0 206.4	29.5 164.7 194.2	25.0 172.9 197.9			

.. 49.. 22 2 --
Table No. 33, (Concl'd)

1.	2	3	4	5	6	7	8
8.	Veraval	Import Export Total	69.3 138.9 227.2	67.8 178.5 174.3	70.3 194.9 264.2	71.8 240.3 312.1	59.1 191.6 259.7
9.	Bhavnagar	Import Export Total	193.9 148.7 342.6	512.3 187.0 699.3	226.3 200.8 427.1	227.9 194.8 422.8	227.8 214.7 442.5
10.	Broach	Import Export Total	13.4 13.4 27.8	12.9 4.1 17.0	5.8 0.3 6.1	7.9 0.3 8.2	2.2 .. 2.2
11.	Surat	Import Export Total	13.6 4.3 17.9	12.8 0.6 13.4	7.1 0.2 7.5	9.9 .. 9.3	8.1 .. 8.1
	Total.	Import. Export Total	1520.6 1366.1 2036.7	1523.2 1343.8 2873.0	155.4 1722.2 2358.6	802.5 1853.6 2631.1	876.1 1756.5 2642.6
	Minor Ports	Import Export Total	92.4 254.6 347.0	79.0 310.7 339.7	63.3 239.2 307.5	64.1 251.1 315.2	68.2 234.3 352.5
	GRN D TOTAL	Import Export Total	763.0 1620.7 2383.7	1602.2 1807.5 3232.7	704.7 1951.4 2656.1	856.6 2103.7 2976.3	944.3 2050.9 2995.1

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

/poria/

Table No. 34. 33 TOTAL TRAFFIC CLASSIFIED AS FOREIGN AND COASTAL AT INTERMEDIATE AND MINOR PORTS (1960-61 to 1972-73)
(Unit: '000 Tonnes)

Sr.No.	Ports	Nature of traffic	1960-61	1965-66	1970-71	1971-72	1972-73.
1	2	3	4	5	6	7	8
I	INTERMEDIATE PORT						
1.	Mandvi	Foreign Coastal Total	1.0 29.8 30.8	.. 28.9 28.9	6.9 10.4 26.3	5.2 17.1 22.3	.. 18.3 22.3
2.	Navlakhi	Foreign Coastal Total	27.6 67.4 97.0	238.4 33.7 322.1	58.2 26.3 84.5	50.0 117.0 157.0	46.4 112.1 158.5
3.	Bedi	Foreign Coastal Total	257.7 33.8 351.5	287.9 48.9 336.8	430.7 50.7 481.4	431.8 26.4 458.2	448.8 27.8 476.6
4.	Sikka	Foreign Coastal Total	52.7 152.7 205.4	14.6 269.7 284.3	100.9 153.3 254.2	147.7 225.0 372.7	81.7 214.6 296.3
5.	Salaya	Foreign Coastal Total			50.7 39.3 90.6	22.5 59.1 81.6	23.0 54.3 77.3
6.	Okha	Foreign Coastal Total	268.1 323.7 591.8	138.1 563.5 751.6	165.2 331.0 496.2	321.0 271.2 592.2	395.7 317.4 703.1
7.	Porbandar	Foreign Coastal Total	34.2 110.5 144.7	72.0 173.3 245.3	30.2 117.3 206.4	50.4 145.8 214.2	81.9 117.0 198.9
3.							

Table No. 32 (concl'd)

1.	2	3	4	5	6	7	8
8.	Veraval	Foreign Coastal Total	53.5 173.07 227.2	65.8 103.5 174.3	139.0 125.2 264.2	175.2 136.9 312.1	130.0 120.7 250.7
9	Bhavnagar	Foreign Coastal Total	189.7 142.9 342.6	499.4 193.9 693.3	319.9 107.1 427.0	265.1 157.6 422.7	237.4 165.1 452.5
10	Broach	Foreign Coastal Total	.. 27.8 27.8	.. 17.0 17.0	.. 6.1 6.1	.. 8.2 8.2	.. 2.2 2.2
11.	Surat	Foreign Coastal Total	.. 17.9 17.9	.. 13.4 13.4	.. 7.6 7.6	.. 9.9 9.9	.. 8.1 8.1
	Total	Foreign Coastal Total	896.3 1440.4 2036.7	1416.2 1456.8 2073.0	1369.7 933.9 2352.6	1486.9 1174.2 2661.1	1434.8 1157.3 2642.6
	Minor ports	Foreign Coastal Total	215.5 230.5 347.0	104.4 235.3 339.7	84.1 223.5 307.6	50.6 264.6 315.2	91.1 261.4 352.5
	Grand total	Foreign Coastal Total	1612.8 1370.9 2333.7	1520.6 2742.1 3262.7	1453.7 1202.4 2666.1	1537.5 1438.0 2976.3	1575.9 1419.2 2995.1

Source:- Director of ports, Gujrat State, Ahmedabad.

IMPORT AND EXPORT TRAFFIC HANDLED BY INTERMEDIATE AND MINOR PORTS. (Year 1972-73)
(Unit : 1000 tonnes)

Sr.No.	Ports	Imports			Exports			Total of Imports & Exports		
		Foreign	Coastal	Total	Foreign	Coastal	Total	Foreign	Coastal	Total
1	2	3	4	5	6	7	8	9	10	11
INTERMEDIATE PORTS.										
1.	Mandvi	..	12.9	12.9	..	5.4	5.4	..	3.3	13.3
2.	Navlakhi	13.1	95.7	108.8	33.3	16.3	49.6	46.6	112.1	153.5
3.	Badli	12.7	0.4	13.1	436.1	27.4	463.5	443.8	27.3	476.6
4.	Sikka	..	10.5	10.5	81.7	204.2	285.9	81.7	214.6	296.3
5.	Salaya	..	1.5	1.5	23.0	52.9	75.9	23.0	54.3	77.3
6.	Okha	283.0	113.2	396.2	102.7	204.2	306.9	385.7	317.4	703.1
7.	Porbandar	6.1	13.9	20.0	75.8	97.1	172.9	81.9	117.0	198.9
8.	Veraval	4.2	54.9	59.1	125.7	55.9	191.6	130.0	120.7	250.7
9.	Bhavnagar	155.1	82.7	237.8	132.3	32.4	214.7	267.4	155.1	452.5
10.	Broach	..	2.2	2.2	..	..	..	..	2.2	2.2
11.	Surat	..	8.1	8.1	..	..	..	..	3.1	8.1
Total		474.2	402.0	876.1	1010.8	755.3	1766.5	1484.8	1157.0	2642.6
Minor ports		..	60.2	60.2	9.12	193.3	204.4	91.1	261.4	352.5
Grand total		474.2	470.2	944.3	1101.0	949.1	2050.9	1575.9	1419.2	2995.1

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

		IMPORT TONNAGE AT KANDLA (Unit:-'000 Tonnes)									
		<u>1961-62</u>		<u>1965-66</u>		<u>1970-71</u>					
Sr. No.	Commodity	Coastal	Foreign	Total	Coastal	Foreign	Total	Coastal	Foreign	Total	
1	2	3	4	5	6	7	8	9	10	11	
1.	Wheat	-	228.2	228.2	-	1,111.7	1,111.7	-	326.4	326.4	
2.	Rice.	-	98.7	98.7	-	133.3	133.3	-	-	-	
2.	Maize	-	-	-	-	16.8	16.8	-	-	-	
3.	Rock phosphate	-	-	-	-	7.7	7.7	-	42.7	42.7	
4.	Sulphur	-	7.6	7.6	-	108.5	108.5	-	144.9	144.9	
5.	Fertilizers	-	31.3	31.3	-	13.3	13.3	-	-	-	
6.	Jute Products	-	-	-	15.3	-	-	-	-	-	
7.	Building materials	4.9	-	4.9	8.7	-	8.7	2.5	-	2.5	
8.	Ginger	2.0	-	2.0	0.6	-	0.6	-	-	-	
9.	Iron & Steel.	3.1	-	3.1	-	-	-	-	3.2	3.2	
10.	Miscellaneous.	305.0	432.4	737.4	470.2	465.6	935.8	670.5	283.8	954.3	
Total		313.0	798.7	1,111.7	492.8	1,843.6	2,336.4	673.0	801.0	1,474.0	

Source:- Traffic Manager, Kandla port Trust, Kandla.

Table No. 35 contd.

Sr. No.	Commodity.	Coastal	1971-72		Total	1972-73		Total.
			Foreign	Coastal		Foreign	Coastal	
1.	Wheat, Rice	12.	13	15	14	16	17	17
2.	Maize	-	38.8	-	38.8	42.8	-	42.8
3.	Rock Phosphate.	-	26.9	-	26.9	32.8	-	32.8
4.	Sulphur	-	53.9	-	53.9	47.0	-	47.0
5.	Fertilisers	-	348.6	-	348.6	497.6	-	497.6
6.	Jute products	-	-	-	-	-	-	-
7.	Building materials	2.4	-	4.1	2.4	-	4.1	4.1
8.	Timber	-	-	-	-	-	-	-
9.	Iron & Steel.	2	2.5	-	-	-	-	-
10.	Miscellaneous.	790.7	533.6	553.2	1,324.3	908.0	1461.2	1461.2
Total		793.1	1,004.3	557.3	1,797.4	1,528.1	2085.4	2085.4

...55...

Table No.36
Export tonnage at Kandla (Unit: 000 Tonnes)

Sr. No.	Commodity 2	1961-62		1965-66		Total. 5	Coastal 6	Foreign 7	Total. 8
		Coastal 3	Foreign 4	Coastal 6	Foreign 7				
1.	Salt	39.2	39.2	78.4	36.1	54.5	90.6		
2.	Cotton and cotton goods	0.6	1.9	2.5	3.2	1.9	5.1		
3.	Sugar	-	25.7	25.7	-	11.0	11.0		
4.	Formaldehyde	-	-	-	3.3	-	3.3		
5.	Alcohol	-	8.1	8.1	-	1.7	1.7		
6.	Iron & Steel.	-	-	-	0.5	-	0.5		
7.	Iron ore and scrap	-	106.0	106.0	-	19.6	19.6		
8.	Bones	-	7.3	7.3	-	4.4	4.4		
9.	Miscellaneous	44.5	-	44.5	30.8	1.4	32.2		
	Total	84.3	188.2	272.5	73.0	94.5	168.4		

kan/

Table No.36 (cont.) (Unit=000 'Tonnes)

Sr. No.	Commodity	1970-71			1971-72			1972-73		
		Coastal 9	Foreign 10	Total 11	Coastal 12	Foreign 13	Total 14	Coastal 15	Foreign 16	Total 17
1.	Salt.	28.6	49.9	78.5	55.6	102.5	158.1	104.5	74.8	179.3
2.	Cotton & Cotton goods	-	-	-	-	-	-	-	-	-
3.	Sugar	-	-	-	-	-	-	-	-	-
4.	Formaldehyde	-	-	-	-	-	-	-	-	-
5.	Alcohol	-	2.0	2.0	-	2.0	2.0	-	2.0	-
6.	Iron & Steel	-	-	-	-	4.1	4.1	-	-	-
7.	Iron ore & scrap	-	4.1	4.1	-	-	-	-	-	-
8.	Bones	-	-	-	-	-	-	-	15.8	15.8
9.	Miscellaneous	3.7	12.7	53.4	6.5	62.0	68.5	56.3	90.7	147.0
	Total	32.3	105.7	138.0	62.1	172.5	234.6	160.8	191.4	342.2

Source :- Traffic Manager, Kandla Port Trust,
Kandla.

TABLE No.37
Traffic Handled by Kandla Port.

Sr. No.	Year.	Traffic handled (in lakh ton nes).	No.of ships	No.of sailing vessels.
1	2	3	4	5
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
12.	1971-72	20.3	250	59
13.	1972-73	24.3	281	100

ksn/75/

Source :- Traffic Manager,
Kandla Port Trust,
Kandla.

.. 58 ..
Table No. 38.

REVENUE RECEIPTS FROM PORTS (Units '000 Tonnage)

Sr. No.	Groups of ports	Officer in charge - of groups with H.Q.	1960-61					1970-71					1972-73				
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	Bhavagar & Mahuva	The Port Officer, Bhavagar Dy. Engineer & Port Officer, Mahuva	2076.9	4320.6	5131.2	3953.9	4335.5										
2.	Padi	The Port Officer, Bedi-Port, Jamnagar	1928.1	3184.2	4839.0	5746.2	5398.9										
3.	Veraval	The Port Officer, Veraval	938.0	931.7	2155.7	2262.9	2184.3										
4.	Porbandar	The Port Officer, Porbandar	667.4	1074.4	1441.4	1458.6	1500.2										
5.	Navlakhi	The Port Officer, Bedi Port, Jamnagar	755.5	2611.4	1034.2	1522.3	1544.5										
6.	Okha	The Port Officer, Okha	1932.7	3247.0	2335.3	4369.7	4170.8										
7.	Mandvi	The Dy. Engineer & Port Officer, Mandvi (Kutch)	255.2	514.7	443.5	630.1	650.4										
8.	Broach	The Dy. Engineer & Assistant Port Officer, Broach	32.3	163.1	136.9	179.4	197.6										
Total			8616.1	16109.5	18120.2	20125.3	20791.7										

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

Table No.39

(Unit:- '000 Rs.)

EXPENDITURE INCURRED ON PORTS.

Group of ports.	Officer in charge of group with H.Q.	1960-61		1965-66	
		Maintenance works. 3	Original works. 4	Maintenance works. 5	Original works. 6
1	2				
1. Bhavnagar & Mahuva.	The Port Officer Bhavnagar Dy. Engineer & Port Officer, Mahuva.	3431.0	2579.0	5636.1	3566.2
2. Bedi	The port officer: Bedi Port, Jamnagar.	1503.1	1238.0	1923.8	833.7
3. Veraval.	The Port Officer, Veraval	828.3	2063.0	1166.1	1932.8
4. Porbandar	The port officer, Porbandar	713.3	2320.7	1067.6	1541.8
5. Navlakhi	The port officer Bedi port, Jamnagar.	826.4	-	2248.7	605.5
6. Okhai	The port officer, Okha	475.6	1707.3	1997.2	4099.8
7. Mandvi	The deputy Engineer & Port officer, Mandvi (Kutch)	23.8	1000.0	654.7	29.5
8. Broach	The Dy. Engineer & Assistant Port Officer, Broach	158.3	239.0	756.6	1210.0
9.	Director of ports, Ahmedabad.	135.8	-	293.3	-
	Total.	8096.1	11196.0	16764.6	13369.3

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

.. 60 .. TABLE No.39 Contd.

Group of ports.	Officer in charge of group with H.No.	1971-72		1972-73	
		Maintenance works.	Original works.	Maintenance work	Original works.
1	2	7	8	9	10
1. Bhavnagar & Mahuva.	The Port Officer Bhavnagar Dt. Engineer & Port Officer, Mahuva.	7115.9	11041.9	6312.0	2912.0
2. Bodi	The Port Officer Bodi Port, Jamnagar	4840.0	3523.3	5120.0	794.0
3. Veraval.	The port officer, Veraval	2037.1	1153.3	2226.0	653.0
4. Porbandar	The port officer, Porbandar	2497.7	3315.3	2540.0	3535.0
5. Navalakhi	The port officer, Bodi Port, Jamnagar	2067-8	-	2377.0	130.0
6. Okha	The Port Officer, Okha.	2693.8	401.7	2675.0	373.0
7. Mandvi.	The deputy engineering & Port officer Mandvi (Kutch).	787.5	269.0	963.0	141.0
8. Broach	The Dt. Engineer & Assist. Officer, Broach.	877.5	962.3	974.0	574.0
9. -	Director of ports Ahmedabad.	1136.3	-	1077.0	37.0
	Total	24228.5	20666.8	24770.0	9112.0

21036.3

TABLE No. 40
INCOME FOR KANDLA PORT. (Unit: '000 Rs.)

Sr. No.	Year.	General Account.	Pilotage account.	Special Receipts.	Total
1	2	3	4	5	6
1.	1960-61	8565.6	127.5	-	8693.1
2.	1961-62	9308.7	112.1	-	8420.8
3.	1962-63	11069.5	213.9	-	11283.4
4.	1963-64	11442.0	280.4	-	11722.4
5.	1964-65	12141.3	348.5	11409.0	23798.8
6.	1965-66	15266.2	335.5	-	15601.7
7.	1966-67	17964.0	522.0	-	18486.0
8.	1967-68	19271.2	623.8	-	18895.0
9.	1968-69	19908.2	1139.3	-	21097.5
10.	1969-70	24655.9	1407.3	-	26063.2
11.	1970-71	22930.0	1219.0	-	21149.0
12.	1971-72	25547.0	1549.0	-	27096.0
13.	1972-73	30605.0	1628.0	-	32233.0

ksn/

Source:- Traffic manager,
Kandla Port Trust,
Kandla.

Table No.41

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

Sr. No.	Year.	General Account Exclusi- ve.	Debt cha- rges.	Pilotage Account Expendi- ture.	Surpl- us (+) Defi- cit (-)	Special Expend- iture.	Total
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	(-)18.3	2050.0	7303.9
3.	1962-63	6334.8	-	321.0	(-)107.1	2336.0	8991.3
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	10819.2	1759.2	353.3	(+)168.7	3597.5	16329.3
8.	1967-68	13480.5	1903.0	427.7	(+)196.1	2171.3	17932.5
9.	1968-69	13345.5	1989.2	1302.9	(-)113.6	3247.0	19331.6
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
12.	1971-72	21811.0	3096.0	1906.0	(+)258.0	25.0	26333.0
13.	1972-73	25476.0	3449.0	1860.0	(+)1443.0	-	30785.0

ksn

Source:- Traffic Manager, Kandla port trust, Kandla.

: AIR SERVICE :

[illegible]

REPORT

**AIR SERVICES, CAPACITIES AND OPERATION, AVAILABLE TONNE KILOMETERS. PASSENGERS CARRIED, TONNE KILOMETERS,
(year 1972-73)**

**AIR SERVICES,
CAPACITIES AND OPERATION,
AVAILABLE TONNE KILOMETERS.
PASSENGERS CARRIED,
TONNE KILOMETERS,
(year 1972-73)**

CARGO ETC.										
S.R No.	Services.	Aircraft Kms, (Mill)	seat Kms (Mill)	Passengers Kms (Mill)	Available Tonne Kms. (Mill)	Revenue Tonne Kms. (Mill)	No. of passenger carried (Tonnes)	Excess passenger carried (Tonnes)	Main Freight (Tonnes)	
1	2	3	4	5	6	7	8	9	10	11
1.	Bombay-Ahmedabad (103-104)	0.317	26.601	16.332	2.423	1.392	35737	11	65	171
2.	Bombay-Bhavnagar (113-114) (Commenced from 15-6-72)	0.121	4.730	2.607	0.509	0.203	8574	6	3	5
3.	Bombay-Rajkot (115-116) (Commenced from 15-6-72)	0.164	6.649	3.598	0.723	0.301	8849	5	31	31
4	Bombay-Udaipur-Jodhpur- Jaipur-Delhi-(123-124) (Ahmedabad introduced from 15-6-72)	1.348	49.379	30.013	4.045	2.670	21218	1	25	96
5	Bombay-Kashod-Porbander (137-138)	0.327	9.162	5.746	0.595	0.486	14122	15	12	56
6	Bombay-Bhavnagar-Rajkot (139-140) Bhavnagar introduced from 1-5-72 to 14-6-72)	0.316	12.801	9.596	1.389	0.772	22836	14	30	43
7	Bombay-Baroda-Ahmedabad (141-142) Udaipur introduced from 24-7-72 upto 14-6-72	0.388	14.704	9.927	1.539	0.868	32584	15	61	321
8	Bombay-Bhavnagar (145-146)	0.226	9.082	6.857	0.932	0.559	22480	11	43	87
9	Bombay-Bhavnagar-Jamnagar Kandla (147-148)	0.453	18.518	14.598	1.987	1.308	32672	20	84	235

Source:- Indian Airlines, New-Delhi.
* Mill : stand for million.

Table No. 43

COST DATA REGARDING TYPES OF AIRCRAFT.

(Year:- 1972-73)

(Unit:- Rupees)

Sr. No.	Type of air craft	Cost per hour flying	Cost per available Tonne Kilometre	Cost per air craft Kilometres Flown.
1	2	3	4	5
1	Viscount	4146.59	3.25	12.29
2	Fokker-27	3531.26	3.48	12.24
3.	H5 - 748 (Avro)	3594.86	3.13	12.33
4	Dakota (DC-3)	3225.64	7.48	14.35

Source: Indian Airlines Corporation

New-Delhi

: SECTION: VI :

: MISCELLANIOUS :

Zoria

TONNE KILOMETRE OF CRUDE OIL AND GAS CARRIED BY DIFFERENT MODES OF TRANSPORT WITHIN AND OUTSIDE THE GUJARAT STATE.
(Unit: Million Tonne K.M. for Oil,
M.C.C. Million) cubic meter for Gas.

Sr. No.	Year ending 31st March	Oil/Gas	Mode of Transport.									
			Rail			Road				Pipeline		
			Within Gujarat State.	Outside Gujarat State.	Within Gujarat State.	Outside Gujarat State.	Within Gujarat State.	Outside Gujarat State.	Within Gujarat State.	Outside Gujarat State.	Within Gujarat State.	Outside Gujarat State.
1	2	3	4	5	6	7	8	9	10	11		
1.	1965-66	Oil/gas	..	305.0	..	..	419.7	..	412.7	305.0		
		Gas	..	..	..	..	40703.9	..	40703.9	..		
2.	1970-71	Oil	21.3	..	19.5	..	287.0	..	327.8	..		
		Gas	..	..	..	..	22.1	..	22.1	..		
3.	1971-72	Oil	1.5	..	6.4	..	340.1	..	340.0	..		
		Gas	..	..	..	..	24452.1	..	24452.1	..		
4.	1972-73	Oil	Nil	Nil	1.5	Nil	359.4	..	330.9	..		
		Gas	..	..	..	..	25525.3	..	25525.3	..		

Note:- This figures do not included "products" carried ~~and~~ by Koyali Ahmedabad Pipicline and internal transportation by road and pipeline within the project.

Source:- Oil and Natural Gas Commission, Baroda

: ESTIMATED GOODS TRAFFIC BY RAILWAY AND HIGHWAYS:
(Year 1969-70)
(Unit (00) Tonnes).

Sr.No.	Category	Rail		Highway	
		Total quantities	Percentage to total	Total quantities	Percentage to total
1	2	3	4	5	6
1.	Export	2876.5	36.8	572.6	42.9
2	Import	4931.5	63.2	762.1	57.1
	Total	7807.0	100.0	1334.7	100.00

Source: (1) For railways; Derived from "Accounts Relating to the Inland (Rail & River Borne) Trade of India, 1969-70", published by the Department of Commercial Intelligence and Statistics, Calcutta-This data pertains to the financial year.

(2) For highways; Derived from the survey of Inter-state Goods Traffic by Roads conducted by the Bureau of Economics & Statistics. This data pertains to the period from 1-7-69 to 31-8-70.

Note :- Modified as compared to previous years statement according to the availability of information.

: SECTION: VII :
: TRAFFIC :
:

para/

.....

: TABLE NO. : 47 :

ESTIMATED
QUANTITY OF IMPORTANT COMMODITIES TRANSPORTED
BY HIGHWAYS
(Year 1969-70)
(Unit: '000 Tonnes)

Sr.No. 1	Commodity 2	Exports 3	Imports 4	Total 5
1.	Cloth	87.8	23.1	110.9
2	Cotton	39.4	20.8	60.2
3	Vegitable oils	23.9	8.3	32.2
4	Mineral oils	33.0	29.6	62.6
5	Fruits	59.6	8.3	67.9
6	Vegitables	27.9	35.7	63.6
7	Foodgrains & pulses	6.7	35.1	41.8
8	Fish	0.5	0.4	0.9
9	Spices	4.1	4.0	8.1
10	Tobacco	28.1	1.1	29.2
11	Beedies and cigarates	0.2	5.3	5.5
12	Wood	2.6	21.1	23.7
13	Raw Building materials	20.8	42.6	45.4
14	Finished Building materials	3.6	4.3	7.9
15	Iron & Steel	28.4	47.1	75.5
16	Transport Equipment	0.4	2.0	2.4
17	Fertilizers	0.7	4.6	5.3
18	Medicines	25.3	9.4	34.7
19	Chemicals	25.0	28.0	53.0
20	Sugar and Gur	3.4	100.0	103.4
21	Gunny bags	1.8	6.1	7.9
22	Glass and crockery	4.9	1.1	6.0
23	Cattle and cattle feed	..	4.9	4.9
24	Paper and paper products	4.7	2.5	7.2
25	Leather	2.9	14.5	17.4
26	Empty tins	1.6	1.8	3.4
27	Miscellaneous	153.3	300.4	453.7
Total		572.6	762.1	1334.7

Source: -

Survey of

- These estimates have been arrived at on the basis of the Inter State goods traffic by roads for the period sept. 8 to August, 70 by the Bureau of Economics and Statistics, Gujarat State, Ahmedabad.

Note: - Modified as compared to previous years Statement according to the availability of information.

/poria/

: TABLE NO. : 48

PRINCIPAL COMMODITIES TRANSPORTED BY THE RAILWAY:
Year 1969-70)
(Unit : 1000 tonnes)

Sr.No. 1	Commodity 2	Export 3	Import 4	Total 5
1.	Bones	4.1	14.1	18.2
2	Bricks & Tiles	12.5	8.5	21.0
3	Cement	213.6	106.3	319.9
4	Coal and Coke	0.1	2554.3	2554.4
5	Tea & Coffee	0.2	17.3	17.5
6	Cotton twist & yarn	2.5	3.0	5.5
7	Cotton piece goods	20.8	4.2	25.0
8	Fruits Dried	3.0	8.9	11.9
9	Glass	17.0	4.8	21.8
10	Foodgrains	432.5	797.0	1229.5
11	Hides and skin tanned & Leather	3.3	1.9	5.2
12	Gunny bags and cloth	2.0	32.1	34.1
13	Iron & steel	74.2	463.4	537.6
14	Lime and limestone	18.7	42.0	60.7
15	Vegitable oil/including (Ghee)	81.3	22.2	103.5
16	Oil seeds & oil Cakes	195.0	245.6	440.6
17	Salt	1171.0	1.3	1171.3
18	Sugar and Gur	14.0	344.7	358.7
19	Tobacco	23.5	0.7	24.2
20	Wood & Timber	4.9	222.4	227.3
21	Petroleum products	480.3	7.5	487.8
* 22	Cotton (Raw)	93.7	24.4	118.1
23	Miscellaneous	0.3	4.9	13.2
Total		2876.5	4631.5	7507.0

* Figures relate to cotton year i.e. Sept. 68 to Aug. 69.

Source:- "Accounts relating to the Inland (Rail & River) Trade of India. 1969-70".

Note :- Modified as compared to previous years Statements according to the availability of information.

/Poris/

Table No. 51

Intensity of Traffic on selected State highways

(Year 1938)

Sr. No.	Name of Road	Road section	Location of count post	Traffic intensity per 24 hours				
				April 58		October 58		
				In P.C.J.S in Tonnes	In P.C. in Tonnes	U.S.		
1	2	3	4	5	6	7	8	
1	Eastern State Highway							
	Vapi Kalal-Godhra-Mullur-Modasa Raigadh	1 Halol-Kalol 2 Kalol-Godhra 3 Godhra-Yunawada 4 Yunawada-Malpur 5 Malpur-Modasa Shamlaji	1 Halol 2 Godhra 1/7 3 Godhra M.No.O/4 4 Yunawada 2 1/2 5 Modasa Junction	1913 933 866 1090 1476	3676 1738 1220 1060 2532	1981 627 899 605 833	3803 1272 1413 724 1845	
2	Nadiad Dakor-Limkheda Dohad-Indore-road	1 Godhra-Dohad 2 Godhra-Dohad 3 Godhra-Dohad 4 Godhra-Dohad 5 Godhra-Dohad 6 Dohad-Indore	1 Godhra M No. 86/3 2 Limkheda 3 I.C.O. Petrol pump Prabha 4 I.T.I. Dohad M No. 1/2 5 P.W.D Store Dohad 6 Near Petrol pump Dohad	921 533 1053 794 920 858	2069 1001 2185 966 791 715	943 539 1006 300 239 230	1555 1189 1939 643 560 553	
3	Ahmedabad-Kalol-Mehsana Palanpur Abu-road	1 Ahmedabad-Kalol-Mehsana 2 Ahmedabad- 3 " 4 Mehsana-Palanpur-Deesa 5 "	1 Sabarmati Junction 2 Kalol 3 Mehsana (Near industrial estate) 4 Palanpur (Ferway Junction) 5 Near Chitrasani	6816 2037 1073 783 460	7182 5737 3241 1590 931	5359 2009 2009 1010 510	7436 5569 3043 2071 1009	

111111

1	2	3	4	5	6	7	8
4	Ahmedabad-Bhavnagar	1 Dhandhuka-Vallabhipur Bhavnagar road	1 Ghaghli	997	2121	860	7812
5	Rajkot-Babra-Bhavnagar	1 Rajkot-Babra	1 Tramba	822	1453	977	1977
		2 Rajkot-Babra	2 Sardar	753	1267	857	1833
		3 Rajkot-Babra	3 Babra	704	1503	527	1183
		4 Babra-Dhasa	4 Dhasagam	660	1462	877	1710
		5 Dhasa-Sihor	5 Petrol pump-Sihor	1241	2673	1258	2600
		6 Sihor-Bhavnagar	6 Vartej-Moilno 7/0	1223	2575	1445	2956
6	Rajkot-Jamnagar-Okha	1 Rajkot-Jamnagar	1 Rajkot House	2031	3640	1761	2928
		2 Rajkot-Jamnagar	2 Padabharla	2187	3221	1906	3820
		3 Jamnagar-Okha	3 Dhrol	1418	2306	1268	2354
		4 Jamnagar-Okha	4 Gulab-Nagar	2054	4137	1799	5354
		5 Jamnagar-Okha	5 Ghee Bridge	412	830	846	1002
		6 Jamnagar-Okha	6 Custom Chowky km 218 near Okha	398	830	989	1809
	Bhuj-Kandla	1 Bhuj-Anjar	1 Madapur	715	1531	639	1227
		2 Anjar-Kharirohar	2 M No. 1/3 near Anjar	1572	1416	830	1548

Source:- Traffic Census, conducted by P.W.D., Gujarat State, during April and October 1960.

EXPORT AND IMPORT WITH FOREIGN COUNTRIES THROUGH INTERMEDIATE AND MINOR PORTS.
(Year 1972-73)
(Unit :000 Tonnes).

Sr.No.	Commodity	Persian Gulf		Bangladesh		Other east Asian count		U.S.S.R.	
		Import from	Export to	Import from	Export to	Import from	Export to	Import from	Export to
1	2	3	4	5	6	7	8	9	10
1	Fertilizers	..	..	..	..	1.5	..	13.3	..
2	Food grains	..	..	..	18.3	..	12.8	..	..
3	Mineral oil	230.6	..	..	..	..	..	..	..
4	Iron & Steel	..	..	..	..	..	2.0	..	..
5	Cement	..	30.4	..	21.2	..	73.7	..	..
6	Salt	..	..	..	..	..	64.4	..	..
7	Wood & Timber	..	..	..	..	..	..	..	..
8	Cotton (Raw)	..	..	..	..	..	..	..	3.1
9	Dates	18.4	..	..	..	..	..	..	..
10	Rock phosphate	333	..	..	..	..	..	..	..
11	Chemicals	21.6	..	..	..	7.7	..	..	..
12	Bauxite	..	..	..	..	..	..	..	..
13	Bean & Beanmeals	..	..	..	..	..	..	..	..
14	Oil seeds & oil cakes	..	..	..	..	33.2	331	..	115.2
15	Fruits & vegetables	..	..	..	..	..	..	..	..
16	Miscellaneous	..	0.7	..	..	..	0.5	..	0.9
Total:		323.8	30.1	..	39.5	9.2	186.5	13.3	119.2

Table No. 52 (Contd)

..72..

S.R. No.	Commodity.	Japan		U.S.A		Canada		Other American countries	United kingdom	
		Import from	Export to	Import from	Export to	Import from	Export to		Import from	Export to
1	2	11	12	13	14	15	16	17	18	19 20
1.	Fertilizers	..	..	..	..	..	..	..	..	..
2.	Food grains	..	..	..	..	2.4	..	..	..	0.9
3.	Mineral oil	..	..	..	..	..	..	..	..	..
4.	Iron & steel	..	15.4	..	..	..	..	..	..	..
5.	Cement	..	..	..	..	..	..	..	..	..
6.	Salt	..	33.1	..	..	..	..	..	26.3	..
7.	Wood & Timber	..	..	..	..	..	..	..	..	..
8.	Cotton (Raw)	..	..	..	..	..	..	..	..	0.5
9.	Dates	..	..	..	..	..	..	..	..	..
10.	Rock phosphate	..	..	46.4	..	..	..	..	..	..
11.	Chemicals	..	..	..	..	..	..	..	..	..
12.	Bauxite	..	14.9	..	..	..	..	..	..	..
13.	Bean & Beans als	..	1.2	..	4.7	..	..	..	..	..
14.	Oil seed & oil cakes	..	62.4	..	..	..	1.0	..	..	206.5
15.	Fruits & vegi- tables	..	..	..	..	..	..	..	..	..
16.	Miscellaneous	..	0.9	0.8	0.1	3.8	..	..	..	2.8
Total		..	123.0	47.2	4.8	6.3	1.0	..	26.9	110.6

: Table No. 52 (Contd)

..75..

821

Sr.No.	Commodity	European Economies		East European countries		Yugoslavia	
		Import from	Export to	Import from	Export to	Import from	Export to
1	2	21	22	23	24	25	26
1.	Fertilizers	7.0	..	13.1	..	..	..
2.	Foodgrains	..	4.2	..	..	..	..
3	Mineral oil	..	..	..	..	..	..
4	Iron & steel	..	..	..	..	..	..
5	Cement	..	..	..	..	..	..
6	Salt	..	108.3	..	..	..	..
7	Wood & Timber	..	..	..	..	..	..
8	Cotton (raw)	..	20.2	..	27.3	..	0.5
9	Dates	..	..	..	..	..	..
10	Rock phosphate	..	..	..	..	..	..
11	Chemicals	..	..	12.7	..	..	..
12	Bauxite	..	..	..	..	..	..
13	Bean & Soan meals	..	1.7	..	1.1	..	..
14	Oil seeds & oil cakes	..	138.2	..	43.7	..	5.3
15	Fruits & vegetables	..	..	..	..	..	..
16	Miscellaneous	..	8.3	..	0.2	..	..
Total		7.0	280.9	25.8	72.3	..	5.8

Sr.No.	Commodity	Other European countries		African countries		Total	
		Import from	Export to	Import from	Export to	Import from	Export to
1	2	27	28	29	30	31	32
1.	Fertilizers	2.0	..	..	..	36.9	..
2	Food grains	2.	..	..	..	2.4	36.2
3	Mineral oil	..	..	..	..	280.6	..
4	Iron & Steel	..	..	..	..	..	17.4
5	Cement	..	..	..	0.1	..	125.3
6	Salt	..	..	..	..	..	92.8
7	Wood & Timber	..	..	..	..	..	..
8	Cotton (Raw)	..	8.3	2.2	..	2.2	50.9
9	Dates	..	..	..	..	18.4	..
10	Rock phosphate	..	..	24.8	..	74.5	..
11	Chemicals	12.6	..	..	..	54.6	..
12	Bauxite	..	17.8	..	..	..	32.7
13	Bean & Bean-meals	..	0.6	..	..	..	9.2
14	Oil seeds & oil cakes	..	68.3	..	..	..	573.7
15	Fruits & vegetables	..	..	..	..	..	..
16	Miscellaneous	..	0.2	..	..	4.6	14.6
		14.6	95.1	27.0	0.1	474.2	1101.9

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

TABLE NO. 53 :
FOREIGN TRADE THROUGH INTERMEDIATE AND MINOR PORTS. (Unit :- '000 Tonnes).

Sr.No.	Commodity	1960-61		1965-66		Total
		Import	Export	Import	Export	
1	2	3	4	5	6	8
1.	Fertilizers	..	..	..	105.7	105.7
2.	Foodgrains	90.6	..	90.5	543.4	543.4
3.	Mineral oil	84.3	0.4	84.7	141.1	142.4
4.	Iron & steel & machinery	1.4	..	1.4	1.5	15.5
5.	Wood & Timber	0.1	..	0.1	2.3	2.3
6.	Cotton (Raw)	..	9.3	9.5	10.3	10.3
7.	Dates	20.4	..	20.4	8.3	10.0
8.	Rock phosphate	..	..	..	10.0	7.4
9.	Chemicals	0.1	..	0.1	5.9	3.9
10.	Groundnut oil	..	2.5	2.5	3.6	..
11.	Cement	0.3	23.2	23.5	..	204.0
12.	Salt	..	53.2	53.2	..	357.7
13.	Oil cake & oil seeds	..	339.7	339.7	357.8	63.7
14.	Bauxite	..	231.7	231.7	..	1.0
15.	Fruits and vegetables	..	1.0	1.0	..	1.0
16.	Bone and bonemeals	..	1.5	1.5	..	..
17.	Sugar and molasses	..	..	..	..	13.3
18.	Miscellaneous	0.5	2.4	2.1	..	13.3
Total		197.7	665.6	663.3	627.7	1520.6

.....76.....

: TABLE NO. 53 (Concld)

Sr.No.	Commodity	1970-71			1971-72			1972-73.		
		Import 9	Export 10	Total 11	Import 12	Export 13	Total 14	Import 15	Export 16	Total 17
1	2									
1.	Fertilizers	9.8	..	9.8	40.5	..	40.5	36.9	..	36.9
2	Foodgrains	29.1	54.8	83.9	..	5.5	5.5	2.4	35.2	38.6
3	Mineral oil	53.2	0.4	53.6	197.0	..	197.0	280.6	..	280.6
4	Iron & steel & machinery	..	..	..	..	26.9	26.9	..	17.4	17.4
5	Wood & Timber	2.7	..	2.7	..	..	..	..	..	..
6	Cotton (raw)	10.1	..	10.1	4.9	..	4.9	2.2	59.9	62.1
7	Dates	16.7	..	16.7	17.2	..	17.2	18.4	..	181.4
8	Rock phosphate	89.0	..	89.0	59.2	..	59.2	74.5	..	74.5
9	Chemicals	47.8	..	47.8	21.6	..	21.6	54.6	..	54.6
10	Crude oil	..	..	..	..	45.1	45.1	..	..	..
11	Cement	..	142.2	142.2	..	211.3	211.3	..	125.3	125.3
12	Salt	..	233.2	233.2	..	215.7	215.7	..	232.8	232.8
13	Oil cake & oil seeds	..	617.2	617.2	..	625.1	625.1	..	573.7	573.7
14	Bauxite	..	93.9	93.9	..	44.6	44.6	..	32.7	32.7
15	Fruits and vegetables..	..	..	..	..	..	..	..	..	..
16	Bone and Bonemeals	..	12.2	12.2	..	13.7	13.7	..	9.2	9.2
17	Sugar and molasses	..	..	..	..	..	..	..	..	..
18	Miscellaneous	0.2	10.9	11.1	2.6	6.6	9.2	4.6	14.6	19.2
	Total	258.6	1194.8	1453.4	343.0	1194.5	1537.5	474.2	1101.8	1576.0

Source:- Director of mines, Gujarat state, Ahmedabad.

TABLE NO. 54 :
COASTAL TRADE THROUGH INTERMEDIATE AND MINOR PORTS (Unit '000 Tonnes).

Sr.No.	Commodity	1960-61		1935-66			
		Import 3	Export 4	Import 6	Export 7	Total 5	Total 8
1	2						
1.	Mineral oil	172.4	3.6	349.2	1.2	176.0	350.4
2	Coal & coke	193.1	..	120.8	0.2	193.1	121.0
3	Foodgrains	9.8	6.6	3.6	2.4	16.4	6.0
4	Wood & Timber	84.1	9.7	114.3	41.3	73.8	155.6
5	Bldg. Materials	90.5	16.5	61.4	0.9	107.0	70.3
6	Oil seeds & oil cakes	25.8	70.7	9.3	23.1	96.5	33.0
7	Salt	25.7	327.0	14.9	251.4	352.7	253.3
8	Iron & Steel	13.9	..	14.5	2.2	13.9	15.7
9	Fruits and vegetables	6.3	9.0	10.3	15.1	15.8	26.0
10	Cement and other building	5.9	302.3	3.6	450.6	308.2	457.2
11	Vegetable oil	0.5	15.1	1.7	26.6	15.6	28.3
12	Cotton (raw)	1.0	11.1	..	9.0	12.1	90.0
13	Chemicals	..	61.0	0.9	50.7	61.0	51.6
14	Lime and Limestone	..	24.2	1.6	29.1	24.2	30.7
15	Fertilizers	..	..	..	..	..	..
16	Miscellaneous	31.8	55.6	54.3	45.7	137.3	110.0
Total:-		691.3	913.3	774.6	937.5	1604.6	1742.1

// 78 //

Table No. 54 (Contd).

Sr.No.	Commodity	1970-71			1971-72			1972-73			Total	17
		Import	Export	Total	Import	Export	Total	Import	Export	Total		
1	2	9	10	11	12	13	14	15	16	17		
1.	Mineral Oil	252.2	-	252.2	117.4	-	117.4	75.3	-	75.3	75.3	
2.	Coal and coke	27.6	-	27.6	178.7	-	178.7	210.9	-	210.9	210.9	
3.	Foodgrains	1.2	34.3	35.5	-	30.3	30.3	0.6	107.2	107.8	107.8	
4.	Wood & Timber	71.4	25.3	96.7	55.7	2.6	58.3	38.9	1.0	39.9	39.9	
5.	Bldg. materials	52.7	-	52.7	93.7	1.1	94.8	64.1	2.5	66.6	66.6	
6.	Oil seeds & oil cakes	11.7	2.6	14.3	-	3.2	3.2	-	1.6	1.6	1.6	
7.	Salt	20.2	263.2	283.4	19.4	331.8	351.2	239.0	315.8	339.7	339.7	
8.	Iron & steel fruits	8.9	1.2	10.4	5.5	0.1	5.6	2.7	5.2	5.9	5.9	
9.	Fruits and vegetables	-	-	-	4.4	6.3	10.7	1.6	-	1.6	1.6	
10.	Current and drinker	11.0	464.8	475.8	9.2	315.7	324.9	10.9	329.1	340.1	340.1	
11.	Vegetable oil	-	13.0	13.0	-	5.1	5.1	-	0.8	0.8	0.8	
12.	Cotton (raw)	-	-	-	0.3	3.0	3.3	5.1	0.5	5.6	5.6	
13.	Chemical	2.8	23.8	26.6	2.8	95.8	98.6	4.7	54.7	59.4	59.4	
14.	Lime and lime stone	-	43.5	43.5	1.4	38.7	40.1	4.5	58.2	62.7	62.7	
15.	Fertilizers	12.0	35.3	47.3	14.2	3.7	17.9	11.6	0.4	12.0	12.0	
16.	Miscellaneous	146.3	53.3	199.6	20.9	77.8	98.7	15.3	74.1	89.4	89.4	
		618.0	960.3	1416.8	523.6	915.2	1439.8	470.1	949.1	1419.2		

Source:- Director of ports, Gujarat state, Ahmedabad.

10/12/73