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(ROAD TRANSPORT)

NTRC-107

(SAJID MANSOOR)
Assistant Chief

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FOREWORD

Accurate statistical data is a pre-requisite for sound planning and policy formulation. Researchers, planners, policy makers and administrators largely depend upon the sound data base for carrying out in-depth analysis. The need for data increases exponentially as the economy grows and develops complex inter dependencies. The considerable data put out by various governmental and other agencies can meet the research and planning requirements to a great extent, provided these are collated in a useable form.

2. Transport is one of the most important sectors of economy and most of the developing countries realizing its crucial importance invest as much as 25-30 percent of their total public expenditure in transport. However the transport statistics available in Pakistan were not only fragmentary but also inconsistent and unreliable. To overcome the problem, one of the most important purposes of setting up of National Transport Research Centre was the establishment of a Data Bank in which all comprehensive data related to transport could be stored. In order to meet the outstanding requirements the National Transport Research Centre made it as one of its major goals and started compiling the transport statistics in a systematic manner. The first statistical Bulletin containing a variety of Statistics covering all modes of transport for the period 1947-79 was issued in Nov., 1980. This was followed by another one in Nov., 1981. In April, 1984 two volumes of Transport Statistics containing/

comprehensive data covering all aspects of Transport from 1974-83 was published. The documents were appreciated not only by local researchers and planners but also by the foreign user agencies. The present publication is the revised summary of the earlier bulletins containing historical data upto the year 1986. This publication also contains additional statistics which were not covered in the earlier issues.

3. With a view to provide upto-date and accurate statistics. National Transport Research Centre intends to issue such bulletins regularly on yearly basis. The statistics contained in the previous bulletins have been computerized and the data contained in this publication is also being computerized. Suggestions to improve the publication are welcome.

(M. SADIO SWATI)
Chief (NTRC)

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INTRODUCTION

Transport and Economy

Over the last few decades, transport throughout the world has proven its significance and is now considered the most important sector at national/international level, and performs a dominant role in the development of national economy. Economic development requires adequate and effective transportation services and the role of transportation is a pre-condition and pre-requisite for economic growth. Transport sector has direct bearing over the other sectors of economy. Broader macro economic development of the country can largely be assessed in terms of mobility. The scale, capacity, mechanization and sophistication of transport are, therefore the significant indicators of economic advancement of the country.

2. Transport accounts for about 6.7 percent of Gross Domestic product as well as more than 2.5 percent of all the employment in the country. Besides the direct impact on the economy, it acts as a catalyst in the development of the other sectors of economy, the performance of Transport Sector should therefore, not be viewed in isolation and ignored but should be accorded a due status and representation according to its significance and scope.

Road and Road Transport

In Pakistan road transport dominate inland transport both for passengers and freight and will continue to be the most important mode of transport in future. During the current year, passenger kilometers travelled by road were 87.9 billion contributing 82% of the total travelled by all modes of transport. Similarly freight traffic carried by road was 27.3 billion tonnes kilometers sharing 76% of the total freight carried by all modes of transportation.

Forecasts of road traffic at national level are policy formulation. Since independence Pakistan inherited the road network of about 49,959 Kms out of which 40,200 Kms of were earthen and shingled road occupying 63 Kms of roads per 1,000 square Kms of area. At present (1986) the road network is of the order of 123,913 Kms out of which 68,408 Kms are shingled and earthen road and now comprises 156 Kms of road per 1,000 sq Kms of area. Similarly in 1947 there were 30,577 motor vehicles on road and No. of motor vehicles available for every 1,000 people was/(one). With the advancement of time now in 1986 there are 1,220,145 motor vehicles on road showing a significant growth and No. of motor vehicles available for every 1,000 persons is 12.6. Though the roads have shown a significant growth rate, yet the density of motor vehicles per Km of road length has increased from 0.61 motor vehicle/Km of road to 9.8.

Road Traffic Estimation

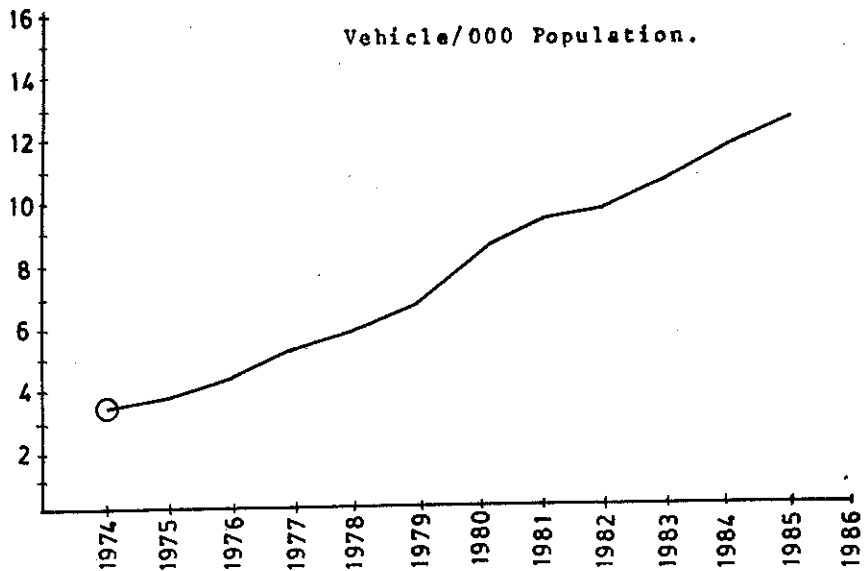
Assessment of future levels of traffic is the foremost factor which have to be taken into consideration in developing a national policy of road construction, improvement and repair. To provide the background of various patterns of traffic and to frame the policy of road and road traffic, National Transport Research Centre has started traffic count programme. 20 permanent traffic count stations have been set up where statistics relating to traffic count is collected manually as well as mechanically for 24 hours. In addition some traffic count surveys are also carried out under the periodic Traffic Count Programme (TCP). Daily traffic volume during 1986 on various stations is summarised in the following table.

AVERAGE DAILY TRAFFIC VOLUME IN TERMS OF VEHICLE AND PASSENGER CAR UNITS (PCUS) 1986:

S: No.	NAME OF THE STA-TION	NON-MOTORIZED					MOTORIZED					TOTAL	PASSENGER CAR UNITS (PCUS)	(6+14) TOTAL PCUS
		PEDAL CYCLE	ANIMAL DRAWN	TOTAL	PASSENGER CAR UNITS (PCUS)	M/CYCLE	RICKSHAW	CAR TAXI JEEP etc	WAGON/ M.BUS	BUSES	TRUCK TRACTOR TRAILOR			
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
01	ATTOCK BRIDGE	186	41	177	146	84	-	1903	325	699	1601	4612	10,920	11,066
02	JHARI KASS	120	4	124	37	69	-	715	535	372	389	2080	38,41	38,78
03	JHELUM BRIDGE	352	1	353	80	1418	8	2775	719	1058	3030	9008	20,572	20,652
04	PATTOKI	434	214	648	701	348	1	1119	476	670	2139	4753	12,515	13,216
05	SUTLIG BRIDGE	539	69	609	314	563	8	894	256	629	2700	5050	14,157	14,471
06	SADIQABAD	103	33	236	116	244	-	425	33	257	3218	4177	14,99	16,15
07	KANDIARO	61	17	78	61	167	-	438	89	190	3230	4214	14,150	14,211
08	SUPER HIGHWAY KARACHI HYDERABAD	3	1	4	3	43	-	1553	195	610	3615	6016	18,150	18,153
09	GADDANI	2	1	3	3	28	-	308	78	63	383	860	2116	2,119
10	QUETTA	1331	152	1583	1006	698	393	1647	307	470	1545	5060	10,223	11,229

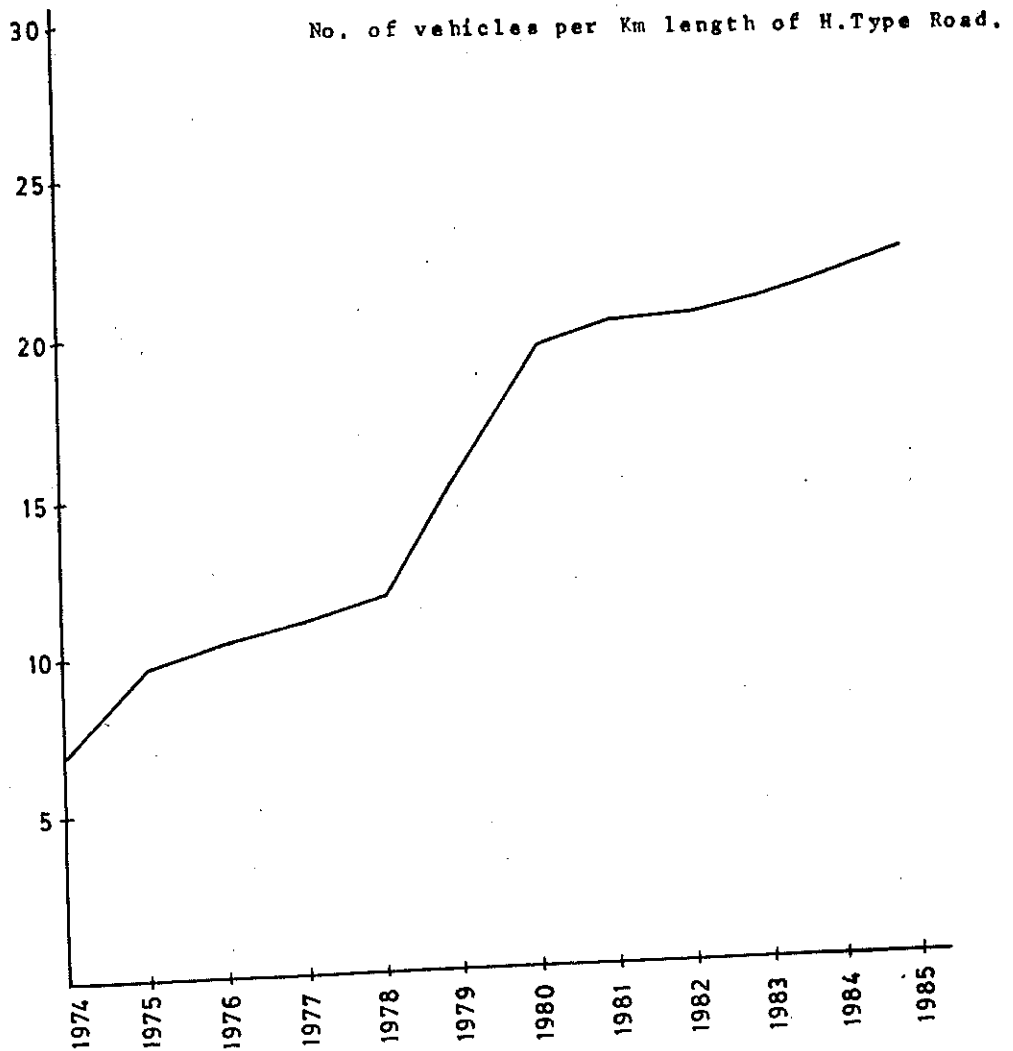
Transport Versus Population:

The relationship between transport and population is of considerable theoretical interest and practical importance. The interaction between level and pattern of transport resources and population of an area is a critical factor affecting economic and social progress and must be taken into account at all stages of national and regional planning. Though the motor vehicles population is increasing at a faster rate of 11.31 percent in comparison with population growth rate of 3.1% per annum, yet there is scarcity of transport in the country. There must be a widespread concern for transport in the context of the desire to promote rapid economic development.



Vehicles versus Roads:

Historically, highways in under developed countries have been of high priority. Road length (Black Top) in Pakistan is increasing at an average annual growth rate of 6% whereas vehicles annual average growth rate is of the other order of 11.31%. The density of vehicles per Km of high type road is indicated in the following fig.



MOTOR VEHICLES ON ROAD

MOTOR VEHICLES ON ROAD IN PAKISTAN

Table No. 1.1.

VEHICLE TYPE/ YEAR	M. CYCLE SCOOTER	M. CAR	JEEP	STATION WAGON	TRACTOR	BUS	M. CAB TAXI	M. CAB RICKSHAW	DELIVERY VAN	TRUCK	OTHER	TOTAL
1947	3618	12749	1919	1326	-	4576	128	-	-	4929	532	30577
1948	4462	14815	2229	1515	-	3983	1089	-	-	5728	1087	34848
1949	5049	15555	2276	1553	-	4465	1260	-	-	6902	589	31649
1950	4658	15820	2276	1555	-	4334	1170	-	-	7015	215	37753
1951	5377	17538	2639	1791	-	4220	1558	-	-	8402	659	43184
1952	6974	19686	2962	2011	-	5759	1538	-	-	9642	248	48220
1953	8014	19271	2909	1967	-	5778	1477	-	-	10078	783	50277
1954	8848	19537	2939	1996	-	5414	1470	-	-	10795	702	51701
1955	7704	18495	2872	1952	-	5268	1170	2140	-	10423	1345	51369
1956	7170	19681	2961	2011	-	5426	1063	1942	-	10201	1349	51804
1957	7294	22583	3399	2306	-	5548	1091	1994	-	11287	333	54835
1958	11656	28522	4294	2912	-	6969	799	1617	-	12787	-	69556
1959	11618	32645	4911	3335	-	6924	1550	2857	-	12612	735	72187
1960	13510	35008	5267	3576	494	8170	2605	4849	-	15394	853	89427
1961	24883	44119	6639	4505	1098	7697	1605	6729	871	15971	1240	117357
1962	27501	46298	6959	4777	1579	8547	1305	8052	874	15545	1507	125917
1963	32104	46270	6839	4641	1631	7092	1087	9531	849	15852	1385	131281
1964	36707	42896	6454	4383	1980	8707	1509	10324	1092	20037	1890	139979
1965	37402	43537	6552	4447	1965	8124	1160	9666	1080	19787	1723	139443
1966	38189	42949	6462	4387	1794	7470	1105	10693	1065	19540	1006	639260

MOTOR VEHICLES ON ROAD IN PAKISTAN

Table No. 1.1 Contd.

VEHICLE TYPE/ YEAR	M. CYCLE SCOOTER	M. CAR	JEEP	STATION WAGON	TRACTOR	BUS	M. CAB TAXI	M. CAB RICKSHAW	DELIVERY VAN	TRUCK	OTHER	TOTAL
1967	41777	42264	6359	4318	1872	7974	5690	10707	1070	19616	1046	142716
1968	44373	44373	6677	4531	1749	9195	5713	10943	1124	20616	980	148635
1969	53186	52760	7940	5390	3809	8893	5935	11126	1049	19246	2135	171469
1970	64065	57234	8613	5846	3844	9592	6264	11747	1163	21331	2152	191851
1971	73946	59200	8908	6047	5495	10312	6871	12891	1240	22741	3079	210730
1972	82131	63857	9609	6524	7619	11594	7744	14535	1297	23773	4265	232948
1973	95359	66975	10078	6844	9020	13482	8544	16045	1163	21323	5049	253882
1974	99070	55934	8257	5612	9324	14377	7777	14557	1054	18920	4072	238954
1975	112975	62172	9978	5964	12638	15372	8564	16195	1433	21087	4227	270605
1976	135105	70061	11608	6777	21589	18080	10995	18619	1769	23794	5466	323863
1977	166765	81565	13427	7764	29955	18900	11696	19968	2635	25745	6738	385158
1978	206431	95632	15669	9034	38204	20151	12587	22857	3701	28486	8261	461913
1979	241944	109382	17834	11171	45558	21822	14115	26403	5299	31220	9845	534593
1980	287622	149334	16875	15413	68187	25275	16854	31950	8503	34193	28853	683062
1981	326420	154241	16680	15839	79407	26881	17720	33707	9956	36842	38005	755698
1982	368169	170523	16922	17586	90897	26706	19266	34390	11898	40311	46147	842815
1983	416336	189051	16525	19904	108193	28998	20385	36216	13032	42527	51111	942273
1984	476855	200984	16826	18531	146578	29955	21226	38013	16827	47015	47143	1059953
1985	518432	227406	18638	25475	164409	33693	24049	36611	18484	55455	52414	1175066
1986	536792	238524	19966	25217	171249	34757	24186	36469	18941	62273	51771	1220145

SOURCE :- EXCISE AND TAXATION OFFICES

MOTOR VEHICLES ON ROAD IN PAKISTAN

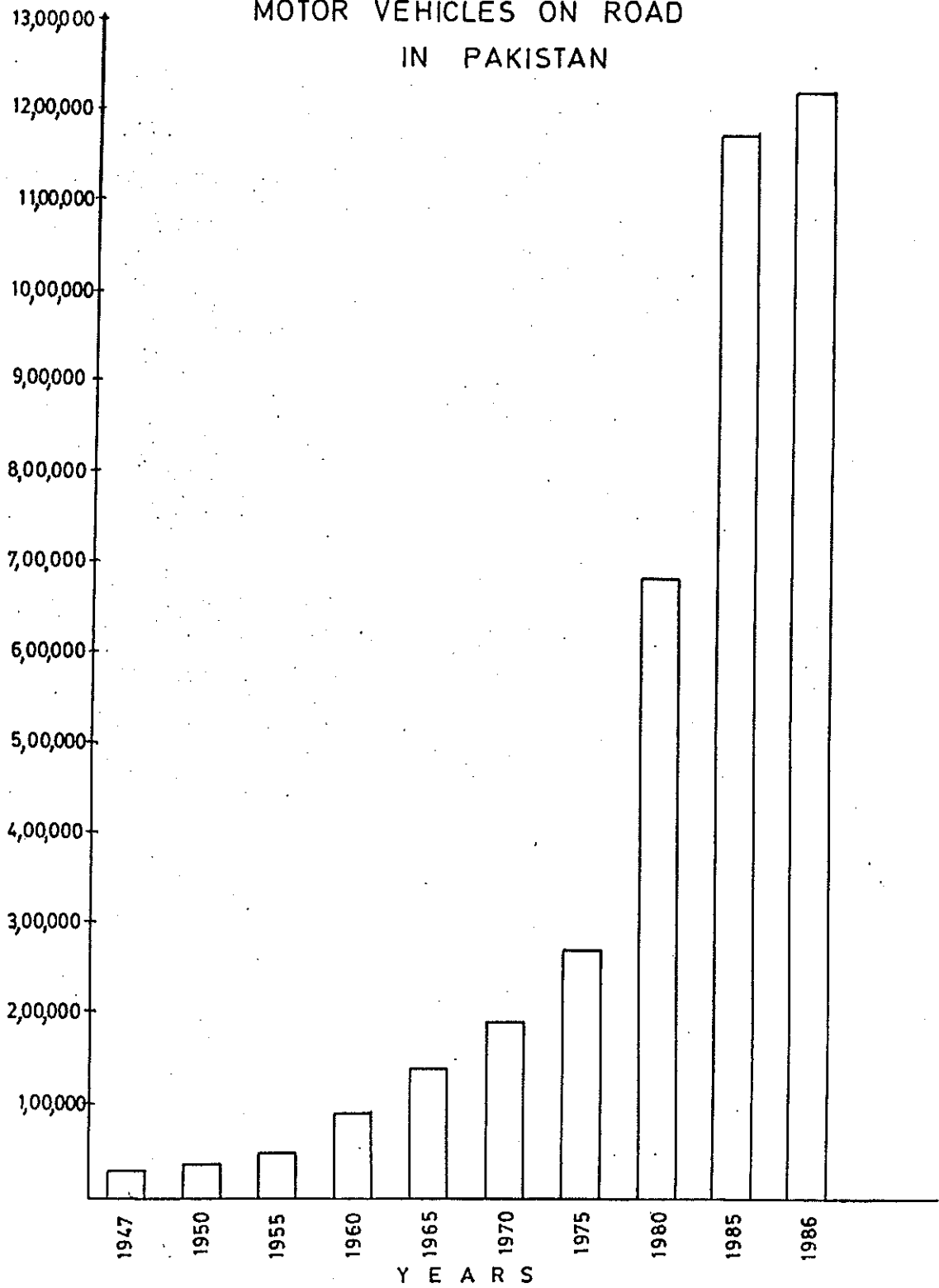


Table No. 1.2 MOTOR VEHICLES ON ROAD IN PUNJAB.

VEHICLE TYPE/ YEAR	M. CYCLE SCOOTER	M. CAR	JEEP	STATION WAGON	TRACTOR	BUS	M. CAB TAXI	M. CAR RICKSHAW	DELIVERY VAN	TRUCK	OTHER	TOTAL
1947	2035	5641	399	273	-	2215	301	-	-	2092	262	13218
1948	2509	6559	463	294	-	1777	353	-	-	2432	533	14930
1949	2840	7206	508	322	-	2159	409	-	-	3054	289	16787
1950	2625	7491	528	335	-	2098	380	-	-	2867	78	16402
1951	3024	7776	548	348	-	2525	505	-	-	3567	325	18618
1952	3922	8728	615	391	-	2786	499	-	-	4093	123	21157
1953	4507	8610	607	385	-	2794	479	-	-	4278	383	22043
1954	4985	8662	610	388	-	2621	477	-	-	4582	345	22670
1955	4333	7579	534	339	-	2548	266	808	-	4551	561	21619
1956	4032	8726	615	391	-	2524	241	734	-	4671	563	22697
1957	4102	10013	706	448	-	2685	247	754	-	4791	165	23911
1958	6555	12637	891	565	-	3371	300	915	-	5428	-	30662
1959	6534	14474	1020	648	-	3218	354	1076	-	5052	363	32739
1960	7598	15522	1094	695	326	3953	598	1821	-	6535	337	38479
1961	13994	19561	1379	875	684	3724	829	2523	727	6422	465	51183
1962	15467	20496	1415	947	1033	3560	991	3018	707	6251	484	54369
1963	18055	21431	1510	960	1089	3395	1172	3570	688	6079	381	58330
1964	20644	19019	1340	852	1294	4213	1270	3866	912	8057	605	62072
1965	21035	19303	1361	864	1311	3903	1189	3621	901	7957	500	61945
1966	21477	19035	1342	852	1298	3593	1315	4005	889	7858	76	61740

Table No. 1.2 Contd.

MOTOR VEHICLES ON ROAD IN PUNJAB

VEHICLE TYPE/ YEAR	M. CYCLE SCOOTER	M. CAR	JEEP	STATION WAGON	TRACTOR	BUS	M. CAB TAXI	M. CAB RICKSHAW	DELIVERY VAN	TRUCK	OTHER	TOTAL
1967	23495	18738	1321	839	1355	3859	1317	4010	893	7888	79	53794
1968	23963	19674	1387	880	1265	4449	1346	4098	938	8291	74	66365
1969	29912	23393	1649	1047	2756	4302	1368	4166	876	7739	162	77370
1970	36030	25376	1789	1136	2780	4639	1445	4398	971	8578	163	87305
1971	41587	26248	1850	1175	3975	4989	1585	4826	1035	9145	233	96648
1972	46190	28313	1995	1268	5510	5608	1787	5440	1082	9560	323	107076
1973	53630	29695	2093	1330	6525	6522	1972	6005	970	8575	382	117699
1974	51932	26167	1844	1172	7473	7101	1764	5371	873	7714	438	111849
1975	57569	28567	2183	1341	9521	7573	1864	6157	1085	8303	485	124748
1976	69124	30713	2700	1442	17356	8615	1984	7780	1297	8930	711	150652
1977	86245	36152	2748	1588	23755	8904	2089	8023	1885	9258	954	181601
1978	107548	42367	3201	1731	30625	9394	2240	9811	2690	9830	1084	220521
1979	121526	47731	3511	2166	36585	10412	2778	10809	3671	10102	1200	250491
1980	139882	54560	4223	2674	50793	11039	3653	12844	4626	10494	7638	302426
1981	176706	60774	4967	3406	59409	11436	3990	14336	5320	11032	9552	360928
1982	196520	68718	5542	3955	68049	11871	4146	14566	6137	12058	15760	407322
1983	224384	75456	6019	4866	82949	13206	4592	14940	6810	13354	18010	464386
1984	272241	81231	6815	5904	114550	13576	6827	15134	7363	14599	19176	557407
1985	301668	92609	8129	10319	126654	16737	8919	14512	9392	21963	21276	632178
1986	312591	97596	9129	10641	132179	17448	8926	15535	9602	22163	21991	657801

SOURCE:- EXCISE AND TAXATION OFFICES PUNJAB.

MOTOR VEHICLES ON ROAD IN PUNJAB

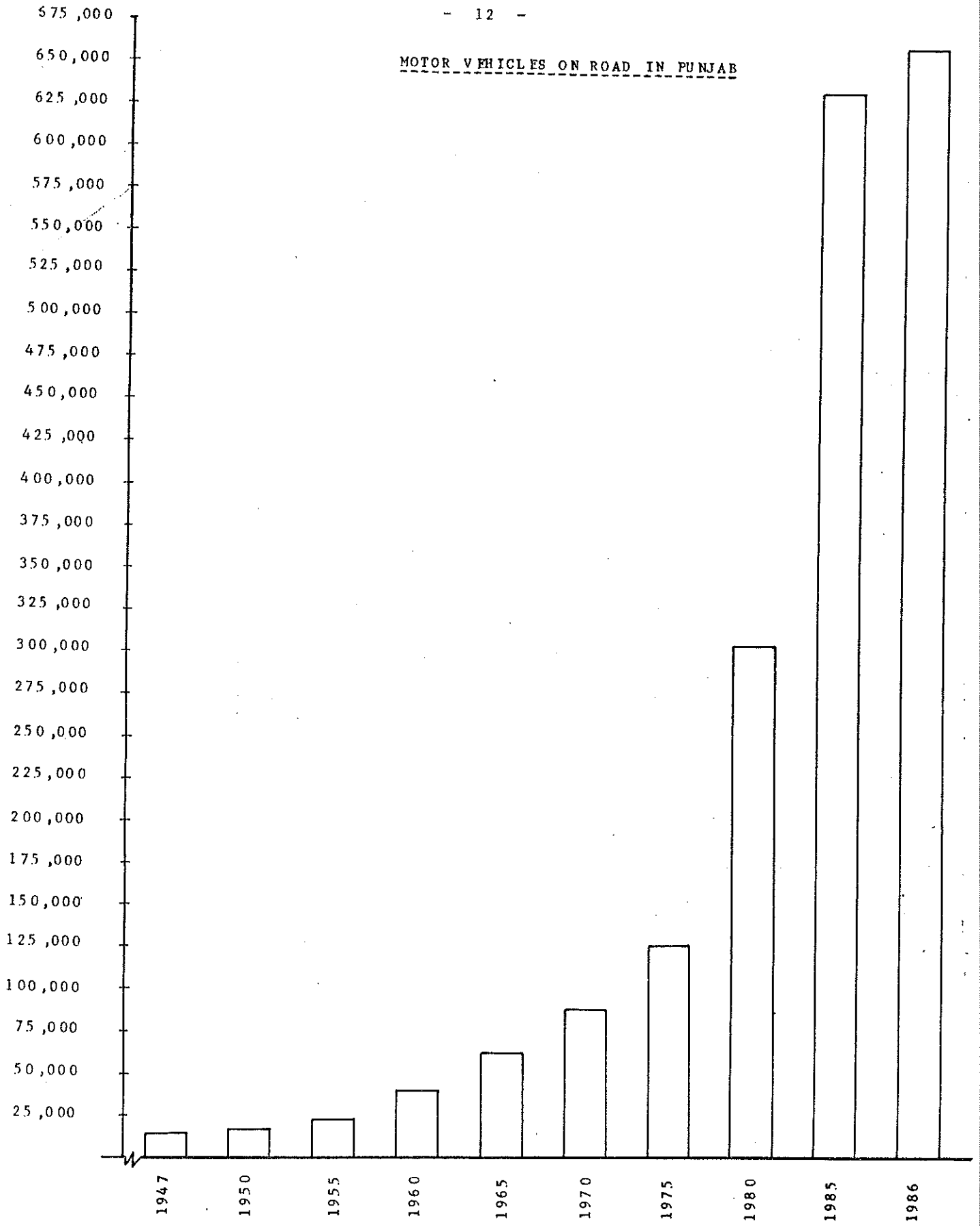


Table No. 1.3. MOTOR VEHICLES ON ROAD IN SIND.

VEHICLE TYPE/ YEAR	M. CYCLE SCOOTER	M. CAR	JEEP	STATION WAGON	TRACTOR	BUS	M. CAR TAXI	M. CAB RICKSHAW	DELIVERY VAN	TRUCK	OTHER	TOTAL
1947	1381	5492	1333	844	-	1348	557	-	-	1510	184	12649
1948	1704	6372	1546	981	-	1332	655	-	-	1754	377	14721
1949	1928	6293	1527	968	-	1315	757	-	-	1911	204	14903
1950	1783	6214	1508	955	-	1277	703	-	-	2068	55	14563
1951	2053	7543	1831	1160	-	1538	936	-	-	2574	228	17853
1952	2663	8467	2055	1302	-	1698	924	-	-	2953	85	20147
1953	3061	8352	2027	1285	-	1704	887	-	-	3087	269	20672
1954	3385	8403	2039	1292	-	1595	883	-	-	3307	243	21147
1955	2942	8434	2047	1297	-	1552	796	1192	-	3125	466	21851
1956	2738	8465	2054	1302	-	1599	722	1083	-	2943	467	21273
1957	2786	9712	2357	1494	-	1634	742	1111	-	3457	115	23408
1958	4451	12271	2979	1886	-	2054	392	587	-	3917	-	28537
1959	4437	14040	3407	2160	-	2231	1059	1588	-	4316	254	33492
1960	5159	15057	3654	2315	-	2407	1792	2686	-	4715	466	38251
1961	9503	18976	4605	2918	121	2268	2485	3723	-	5159	689	50447
1962	10503	19885	4826	3058	160	3261	2971	4452	-	5021	909	55046
1963	12260	19168	4651	2948	156	2067	3514	5257	-	4883	882	55796
1964	14019	18450	4477	2838	201	2565	3806	5705	-	6472	1142	59675
1965	14284	18726	4544	2880	192	2377	3564	5342	-	6391	1086	59386
1966	14584	18465	4481	2840	146	2188	3942	5908	-	6311	826	59691

MOTOR VEHICLES ON ROAD IN SIND

Table No. 1.3 Contd.

VEHICLE TYPE/ YEAR	M.DYDL SCOOTER	M.CAR	JEEF	STATION WAGON	TRACTOR	BUS	M.CAB TAXI	M.CAB RICKSHAW	DELIVERY VAN	TRUCK	OTHER	TOTAL
1967	15955	18178	4411	2796	152	2349	3947	5916	-	6336	859	60899
1968	16273	19085	4631	2935	142	2709	4034	6046	-	6659	303	63317
1969	20312	22693	5507	3490	309	2621	4102	6147	-	6216	1752	73149
1970	24466	24617	5974	3786	312	2828	4330	6489	-	6890	1766	81458
1971	28240	25462	6179	3916	446	3038	4751	7120	-	7345	2528	39025
1972	31366	27465	6665	4225	618	3418	5356	8027	-	7679	3500	98319
1973	36418	28807	6990	4432	732	3973	5911	8860	-	6887	4144	107154
1974	41725	22800	5533	3507	606	4115	4748	7116	-	6368	3434	99952
1975	48901	25922	6828	3596	816	4100	5137	7752	-	7024	3284	113360
1976	58249	30371	7800	4150	1244	5377	7100	8289	10	7582	3956	134128
1977	71092	35367	9447	4856	1726	5570	7244	8817	45	8162	4531	156857
1978	87322	41220	11026	5746	2073	5879	7388	9360	103	8718	5579	184414
1979	106765	48009	12704	7251	2887	6162	7531	11010	178	9246	6383	218626
1980	133463	78104	10815	10740	10002	8534	8616	13825	1993	10480	18389	306561
1981	132477	74384	9566	10027	11896	9497	9006	13671	2366	11040	24325	308755
1982	146872	79422	8370	10485	13567	8226	9629	13336	2709	11194	25430	329240
1983	164226	89363	7207	11533	15101	9003	10056	14407	2953	11525	27314	362388
1984	167316	85802	5528	6224	20306	9206	8217	15030	3606	10756	18214	350205
1985	176495	98405	5842	7190	22956	9757	8647	14892	3593	11032	20359	379168
1986	182886	103704	6191	6289	23957	10044	8652	13713	3673	11276	18863	399248

MOTOR VEHICLES ON ROAD IN SIND

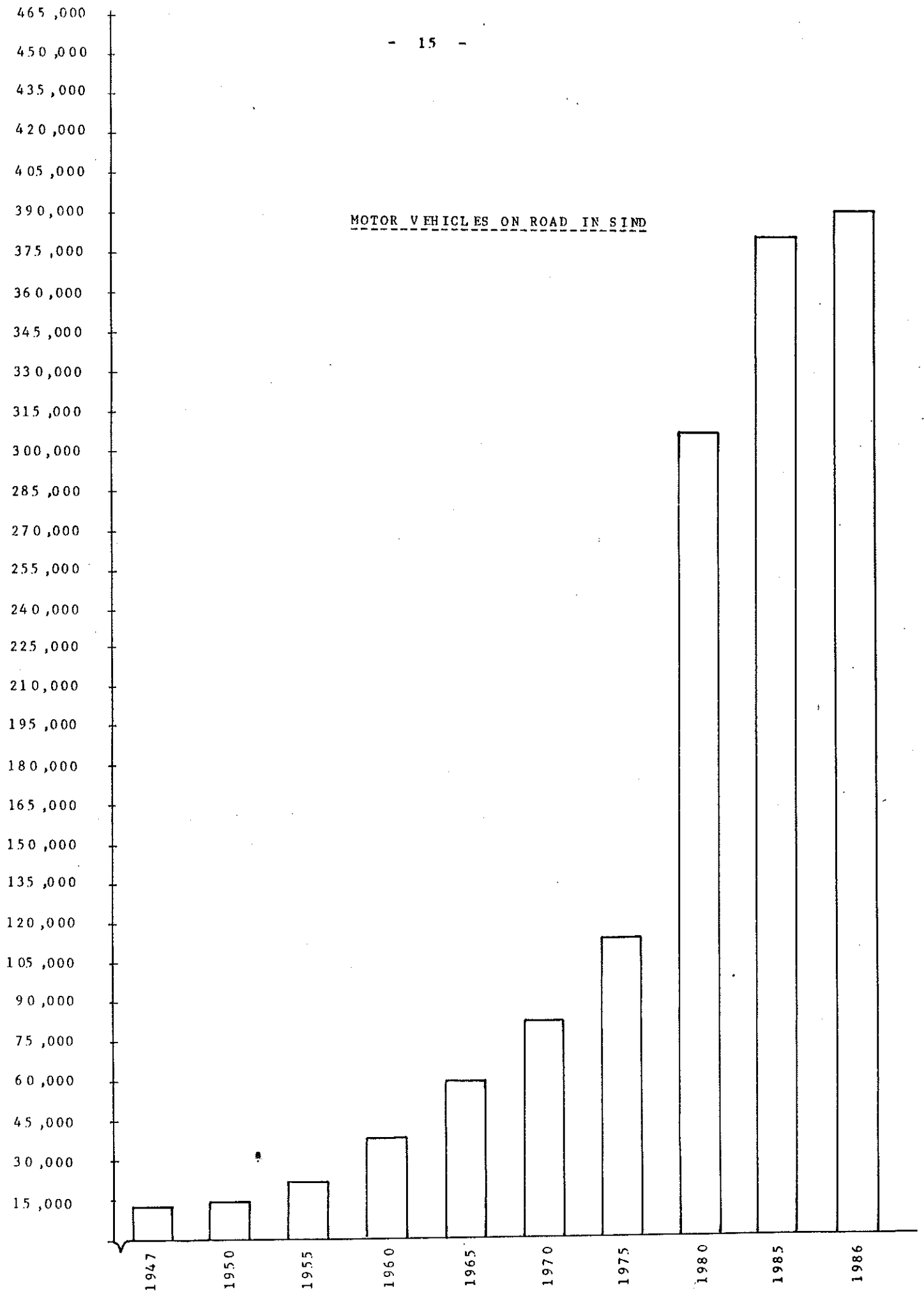


Table No. 1.4

MOTOR VEHICLES ON ROAD IN NWFP

VEHICLE TYPE/ YEAR	M. CYCLE SCOOTER	M. CAR	JEEP	STATION WAGON	TRACTOR	BUS	M. CAB TAXI	M. CAB RICKSHAW	DELIVERY VAN	TRUCK	OTHER	TOTAL
1947	146	1500	135	163	-	895	57	-	-	1236	54	4196
1948	180	1740	157	189	-	718	66	-	-	1436	131	4617
1949	203	1909	172	207	-	875	77	-	-	1804	72	5319
1950	188	1984	179	215	-	847	71	-	-	1955	76	5515
1951	217	2060	186	223	-	1022	95	-	-	2106	79	5988
1952	282	2313	209	250	-	1126	93	-	-	2417	30	5720
1953	323	2133	193	230	-	1130	90	-	-	2527	34	6720
1954	357	2295	207	249	-	1058	90	-	-	2706	95	7047
1955	301	2304	208	249	-	1032	85	117	-	2558	162	7025
1956	289	2312	209	250	-	1062	77	106	-	2409	153	6877
1957	294	2653	240	287	-	1085	79	109	-	2830	40	7617
1958	470	3355	303	363	-	1363	84	115	-	3206	-	9259
1959	468	3835	346	415	-	1302	113	155	-	2984	98	9706
1960	544	4112	371	446	142	1598	191	263	-	3859	20	11546
1961	1003	5182	468	561	247	1505	265	364	105	4117	35	13852
1962	1107	5430	490	588	326	1439	316	436	102	4007	46	14287
1963	1294	5234	473	567	318	1373	374	516	117	4586	45	14897
1964	1479	5039	455	546	409	1703	405	559	131	5166	58	15950
1965	1507	5114	462	554	390	1578	380	523	130	5102	55	15795
1966	1539	5060	457	548	295	1452	420	579	128	5038	42	15558

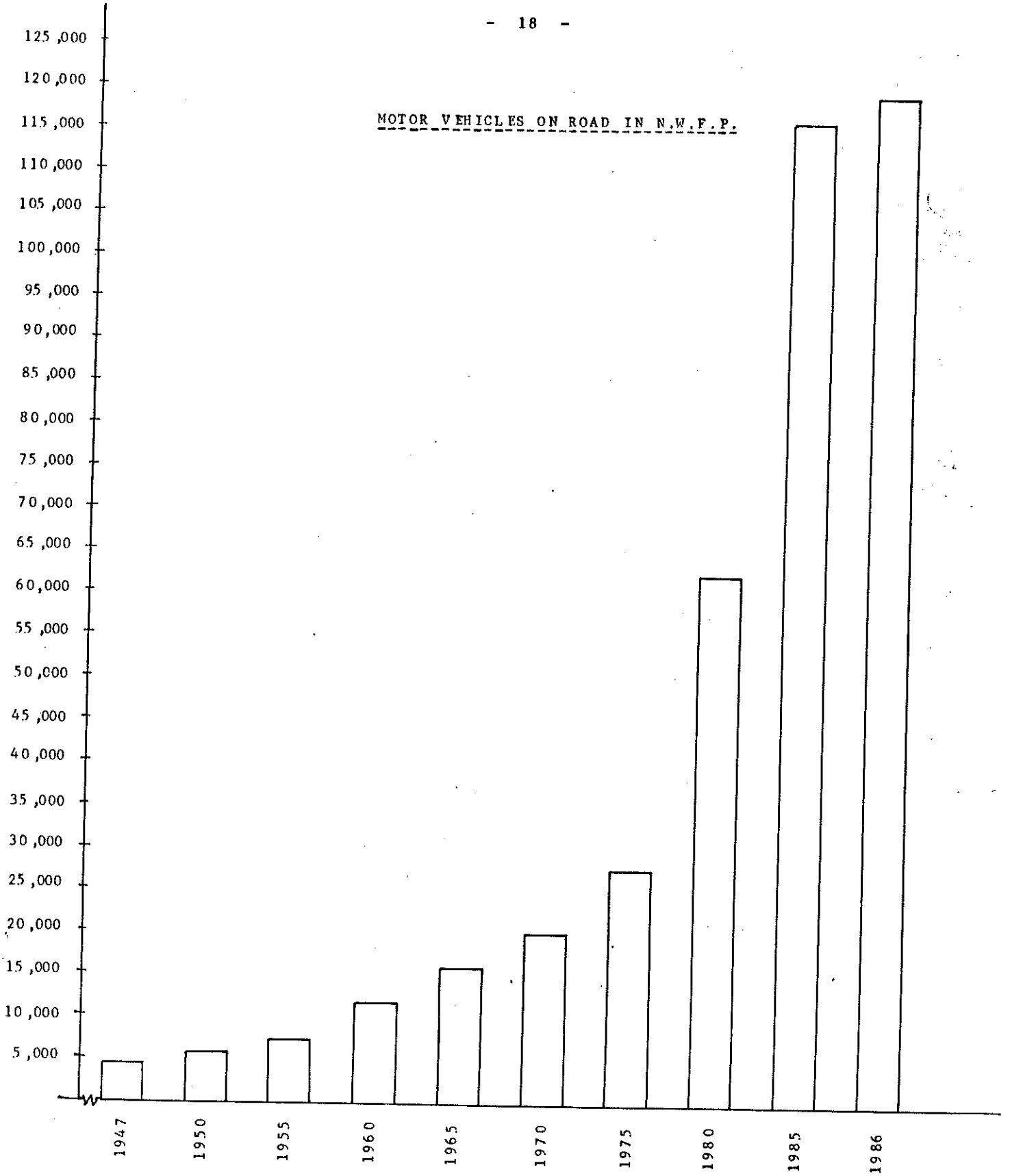
Table No. 1.4 Contd.

MOTOR VEHICLES ON ROAD IN NWFP

VEHICLE TYPE/ YEAR	M. CYCLE SCOOTER	M. CAR	JEEP	STATION WAGON	TRACTOR	BUS	M. CAR TAXI	M. CAR RICKSHAW	DELIVERY VAN	TRUCK	OTHER	TOTAL
1967	1684	4965	448	538	308	1559	421	579	129	5057	44	15732
1968	1717	5212	471	564	288	1798	430	592	135	5315	41	16563
1969	2143	6198	560	671	628	1739	437	602	126	4963	99	18156
1970	2582	6723	607	728	635	1876	461	636	140	5499	90	19977
1971	2980	6954	628	753	906	2017	506	697	149	5863	128	21581
1972	3310	7501	678	812	1259	2267	571	786	156	6129	178	23647
1973	3843	7867	711	852	1488	2637	630	867	140	5497	210	24742
1974	3715	6306	570	683	1222	2840	1233	1697	111	4355	173	22905
1975	4441	6962	629	754	2271	3283	1529	1842	255	5119	424	27509
1976	5660	8191	740	887	2951	3591	1876	2062	352	6519	756	33585
1977	6801	9189	830	995	4393	3934	2325	2499	542	7196	1150	39864
1978	8522	11110	1004	1203	5374	4259	2918	2941	691	8441	1449	47912
1979	10137	12623	1141	1367	5895	4538	3761	3701	1163	9885	1546	55757
1980	10210	14558	1316	1577	6930	4943	4537	4234	1503	10582	1791	52091
1981	12228	16970	1534	1838	7050	5197	4672	4504	1807	11570	2433	69803
1982	14417	19390	1753	2100	7730	5271	5439	5001	2278	12573	3690	79552
1983	16081	21144	1912	2290	8456	5308	5685	5382	2480	13042	4128	85908
1984	19449	29482	1773	4007	9642	5447	6128	5517	4484	13506	6016	105451
1985	24077	32176	1907	4705	11751	5504	6429	5607	4028	14317	6450	116951
1986	24703	32912	1907	5013	12001	5555	6552	5614	4173	14383	6554	119367

SOURCE:-- EXCISE AND TAXATION OFFICES.

MOTOR VEHICLES ON ROAD IN N.W.F.P.



MOTOR VEHICLES ON ROAD IN BALUCHISTAN

Table No. 1.5

VEHICLE TYPE/ YEAR	M. CYCLE SCOOTER	M. CAR	JEEP	STATION WAGON	TRACTOR	BUS	M. CAB TAXI	M. CAB RICKSHAW	DELIVERY VAN	TRUCK	OTHER	TOTAL
1947	56	116	52	46	-	118	13	-	-	91	22	514
1948	69	134	63	51	-	96	15	-	-	106	46	580
1949	78	147	69	56	-	116	17	-	-	133	24	640
1950	72	131	61	50	-	112	16	-	-	125	6	573
1951	83	159	74	60	-	135	22	-	-	155	27	715
1952	107	178	83	68	-	149	22	-	-	179	10	796
1953	123	176	82	67	-	150	21	-	-	186	37	842
1954	121	177	83	67	-	140	20	-	-	200	29	937
1955	119	178	83	67	-	136	23	23	-	189	56	874
1956	111	178	83	68	-	141	22	20	-	178	56	857
1957	112	205	96	77	-	144	24	20	-	209	13	899
1958	180	259	121	98	-	181	23	23	-	236	-	1098
1959	179	296	138	112	-	173	24	38	-	260	30	1250
1960	209	317	148	120	26	212	25	79	-	285	30	1451
1961	383	400	187	151	46	200	26	119	39	273	51	1875
1962	424	487	228	184	60	287	27	146	38	266	68	2215
1963	495	437	205	166	68	257	27	178	44	304	77	2258
1964	565	388	182	147	76	226	28	194	49	342	85	2292
1965	576	394	185	149	72	266	27	180	49	337	82	2317
1966	589	389	182	147	55	237	28	201	48	333	62	2271

MOTOR VEHICLES ON ROAD IN BALUCHISTAN

Table No. 1.5 Contd.

VEHICLE TYPE/ YEAR	M. CYCLE SCOOTER	M. CAR	JEEP	STATION WAGON	TRACTOR	BUS	M. CAB TAXI	M. CAB RICKSHAW	DELIVERY VAN	TRUCK	OTHER	TOTAL
1967	643	383	179	145	57	207	28	202	48	335	64	2291
1968	656	402	188	152	54	239	28	207	51	351	62	2390
1969	819	476	224	182	116	231	28	211	47	328	132	2794
1970	987	518	243	196	117	249	28	224	52	364	133	3111
1971	1139	536	251	203	168	268	29	248	56	388	190	3476
1972	1265	578	271	219	232	301	30	282	59	405	264	3906
1973	1468	606	284	230	275	350	31	313	53	364	313	4287
1974	1698	661	310	250	23	321	32	373	70	483	27	4248
1975	1964	721	338	273	30	416	34	444	93	641	34	4988
1976	2072	786	368	298	38	497	35	488	110	763	43	5498
1977	2627	857	402	325	81	492	38	629	163	1129	93	6836
1978	3039	935	438	354	132	619	41	745	217	1497	149	8166
1979	3516	1019	478	387	191	710	45	883	287	1987	215	9719
1980	4067	1112	521	422	462	759	48	1047	381	2637	525	11981
1981	5009	2113	613	568	1052	751	52	1196	463	3200	1195	16212
1982	10360	2993	1257	1046	1551	1338	52	1487	774	4486	1357	26701
1983	11645	3088	1387	1215	1687	1481	52	1487	789	4606	1959	29396
1984	17849	4469	2710	2396	2080	1726	54	2332	1374	8154	3737	46881
1985	16192	4216	2760	3261	3048	1695	54	1600	1471	8143	4329	46769
1986	16612	4312	2739	3274	3112	1710	56	1607	1493	14451	4363	53729

SOURCE:- EXCISE AND TAXATION OFFICES BALUCHISTAN.

MOTOR VEHICLES ON ROAD IN BALUCHISTAN

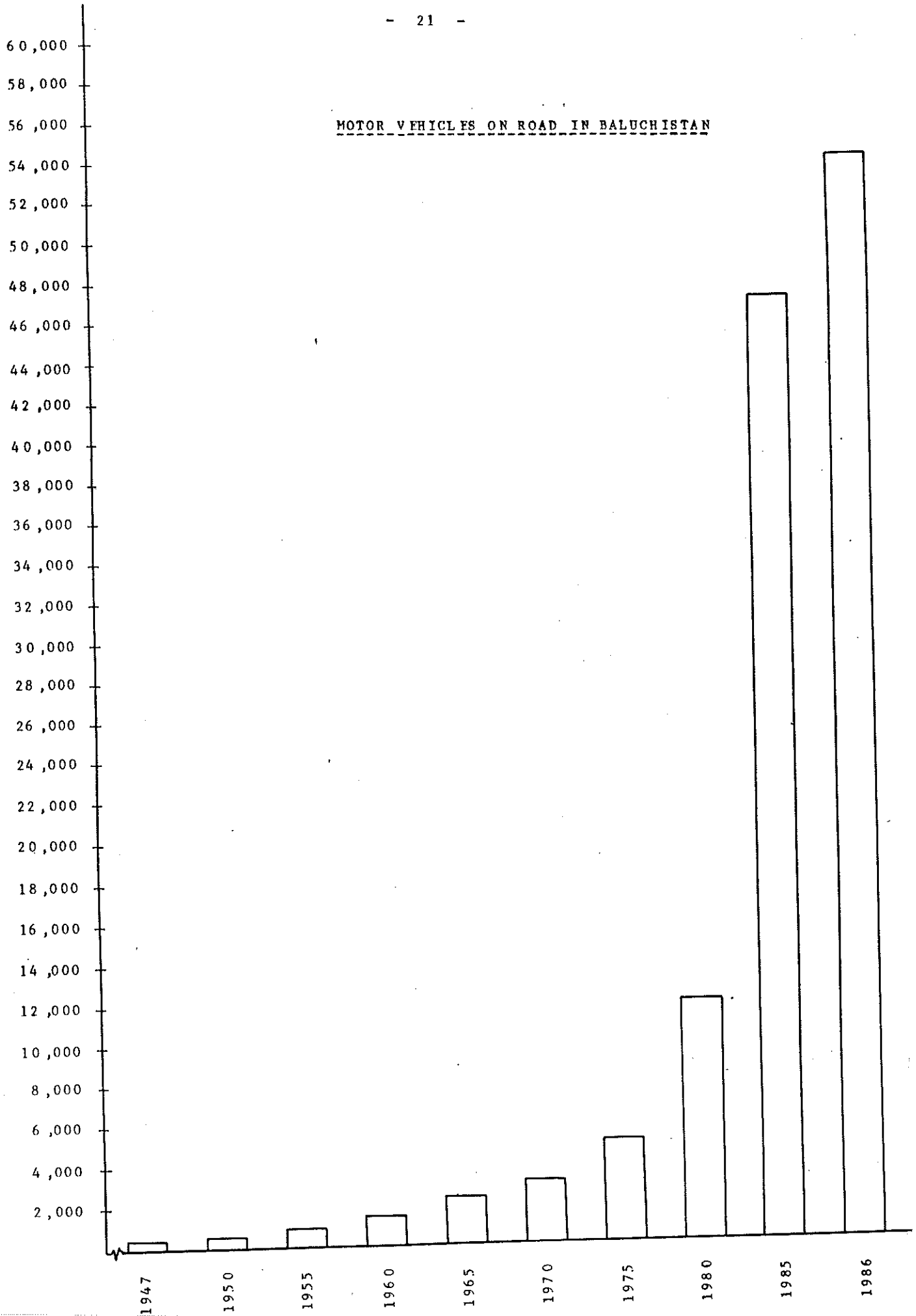


Table No. 1.6

MOTOR VEHICLES ON ROAD IN AZADKASHMIR

VEHICLE TYPE/ YEAR	M. CYCLE SCOOTER	M. CAR	JEEP	STATION WAGON	TRACTOR	BUS	M. CAB TAXI	M. CAB RICKSHAW	DELIVERY VAN	TRUCK	OTHER	TOTAL
1974	955	645	141	41	22	141	-	55	32	1322	86	3440
1975	1219	708	157	56	26	166	-	81	36	1519	87	4055
1976	1183	748	145	73	31	173	-	104	76	1529	95	4158
1977	1277	803	178	89	39	170	-	118	96	1516	103	4389
1978	1322	865	172	103	46	204	-	175	97	1510	115	4609
1979	1445	937	169	122	48	208	1	205	112	1578	158	4983
1980	1534	1006	198	135	57	239	3	238	128	1684	188	5410
1981	1725	1228	175	190	75	232	2	271	113	1717	257	5983
1982	1807	1325	173	224	89	250	2	269	98	1767	299	6301
1983	2104	1391	243	276	118	270	2	282	102	1749	389	6925
1984	2912	1511	275	649	235	491	8	251	233	2018	760	9362
1985	3383	1731	323	816	333	592	-	270	259	2152	940	10808

SOURCE:- EXCISE AND TAXATION OFFICES AZADKASHMIR.

OPERATIONAL STATISTICS

Table No. 2.1

OPERATION STATISTICS (URBAN)
P.R.T.C. LAHORE

S.No.	DESCRIPTION	1980	1981	1982	1983	1984	1985	1986	
1.	Fleet Size	809	854	822	846	835	852	860	
2.	On Road	376	360	406	405	389	426	441	
3.	Seating Capacity. (Seating + Standing) Per Bus	110	110	110	110	110	110	110	
4.	Total Passengers Carried (Million)	101.70	130.91	154.18	146.42	145.47	125.28	77.47	
5.	Total Kms Operated. (Million)	24.30	13.75	16.19	15.37	31.58	34.76	36.11	
6.	Total Staff	4677	5018	5490	5765	5694	6202	6746	
7.	Total No. of Routes Operated	-	-	-	43	48	52	90	
8.	Total Length of Routes. (Km)	-	-	-	-	-	-	2080.9	
9.	Total Revenue Earning. (Rs.Mill)	52.45	62.06	84.14	105.83	151.33	118.74	118.74	
10.	Total Operating Cost. (Rs.Mill)	103.19	120.68	132.22	166.66	190.49	265.09	265.09	
11.	<u>PERCENTAGE DISTRIBUTION OF TOTAL COST</u>								
i.	Staff	-	-	-	-	-	-	34%	
ii.	Fuel Consumption	-	-	-	-	-	-	22%	
iii.	Maintenance/Repair	-	-	-	-	-	-	14%	
iv.	Taxes	-	-	-	-	-	-	1%	
v.	Other	-	-	-	-	-	-	5%	
	TOTAL								

SOURCE:- PUNJAB ROAD TRANSPORT CORPORATION LAHORE.

Table No. 2.2

OPERATION STATISTICS (MERCHENTY)
P.R.T.C. LAHORE

S.No.	DESCRIPTION	PUBLIC						
		1980	1981	1982	1983	1984	1985	1986
1.	Fleet Size (No)	2402	2170	2020	1767	1464	1403	1175
2.	On Road (No)	804	625	485	477	453	425	384
3.	Seating Capacity. (Seating + Standing) Per Bus	62	62	62	62	62	62	62
4.	Total Passengers Carried. (Million)	37.51	36.24	28.95	25.28	24.12	21.10	18.09
5.	Total Kms Operated. (Million)	74.03	65.18	53.16	48.12	44.08	39.39	31.68
6.	Total Staff	8712	8605	7991	7877	7422	7194	5799
7.	Total No. of Routes Operated.	-	-	-	93	98	193	95
8.	Total Length of Routes. (Km)	-	-	-	-	-	-	1488
9.	Total Revenue Earning. (Rs. Mill)	204.20	196.54	176.88	180.52	204.44	197.71	120.86
10.	Total Operating Cost. (Rs. Mill)	194.84	212.33	198.74	217.34	261.01	231.38	200.26
11.	<u>PERCENTAGE DISTRIBUTION OF TOTAL COST.</u>							
i.	Staff	-	-	-	-	-	-	38%
ii.	Fuel Consumption	-	-	-	-	-	-	22%
iii.	Maintenance/Repair	-	-	-	-	-	-	14%
iv.	Taxes	-	-	-	-	-	-	1%
v.	Other	-	-	-	-	-	-	9%

SOURCE:- PUNJAB ROAD TRANSPORT CORPORATION LAHORE.

OPERATION STATISTICS (URBAN)
KTC KARACHI

Table No. 2.3

S.No.	DESCRIPTION	PUBLIC						
		1980	1981	1982	1983	1984	1985	1986
1.	Fleet Size	808	820	841	841	892	969	862
2.	On Road	410	445	431	381	297	334	292
3.	Seating Capacity (Seating + Standing) Per Bus.	52+48 41+19	52+48 41+19	52+48 41+19	52+48 41+19	52+48 41+19	52+48 41+19	52+48 41+19
4.	Total Passengers Carried. (Million)	-	143.766	118.948	97.906	71.927	73.984	68.245
5.	Total Kms Operated. (Million)	31.234	35.471	35.073	34.211	24.331	29.280	29.574
6.	Total Staff	3757	3894	4065	4529	4265	4122	3977
7.	Total No. of Routes Operated	38	38	43	43	48	43	48
8.	Total Length of Routes. (Km)	948	948	1010	1010	1256	1255	1256
9.	Total Revenue Earning. (Rs.Mill)	75.236	89.318	92.002	94.331	80.980	89.280	87.137
10.	Total Operating Cost. (Rs.Mill)	152.992	172.826	186.668	200.512	169.651	212.157	218.096
11.	<u>PERCENTAGE DISTRIBUTION OF TOTAL COST.</u>							
i.	Staff	25%	27%	28%	34%	37%	33%	31%
ii.	Fuel Consumption	28%	30%	31%	29%	28%	26%	25%
iii.	Maintenance/Repair	26%	25%	23%	20%	13%	14%	14%
iv.	Taxes	1%	1%	1%	1%	1%	1%	1%
v.	Other	20%	17%	17%	16%	21%	26%	29%
	TOTAL							

SOURCE:- KARACHI TRANSPORT CORPORATION.

Table No. 2.4

OPERATIONAL STATISTICS
BUSES (KARACHI)

S.No.	DESCRIPTION	PRIVATE						
		1980	1981	1982	1983	1984	1985	1986
1.	Fleet Size (No).	1223	1236	1270	1303	1351	1408	1404
2.	On Road (No).	820	856	845	923	980	1012	1009
3.	Seating Capacity (Seating + Standing) Per Bus	55	55	55	55	55	55	55
4.	Total Passengers Carried (Million)	359.967	375.770	356.705	389.632	413.693	427.202	431.287
5.	Total Kilometer Operated (Million)	2128.59	2222.04	2193.48	2395.96	2543.92	2626.99	2619.20
6.	Total Staff	5740	5992	5915	6461	6860	7084	7063
7.	Total No. of Route Operated.	55	51	51	52	52	52	48
8.	Total Length of Route (Km)	1280	1207	1207	1231	1231	1231	1140
9.	Total Revenue Earning. (Rs.Mill)	226.32	235.02	232.00	276.46	322.93	333.47	332.49
10.	Total Operating Cost. (Rs.Mill)	227.96	239.10	243.97	257.94	315.93	326.25	356.04
11.	<u>PERCENTAGE DISTRIBUTION OF TOTAL COST.</u>							
i.	Staff	29.25%	29.90%	28.92%	26.64%	25.90%	25.90%	31.96%
ii.	Fuel Consumption	35.50%	36.25%	38.32%	40.55%	42.19%	42.19%	38.55%
iii.	Maintenance/Repair	31.70%	31.15%	30.12%	29.37%	28.55%	28.55%	26.43%
iv.	Taxes	2.80%	2.15%	2.08%	2.87%	2.80%	2.80%	2.55%
v.	Other	0.75%	0.55%	0.56%	0.57%	0.55%	0.55%	0.51%
	TOTAL	100.00	100.00	100.00	100.00	100.00	100.00	100.00

SOURCE:- KARACHI BUS OWNERS ASSOCIATION.

Table No. 2.5

OPERATIONAL STATISTICS (URBAN)
R.T.B. NWFP PESHAWAR

PUBLIC

S.No.	DESCRIPTION	1980	1981	1982	1983	1984	1985	1986
1.	Fleet Size (No)	141	100	101	94	99	106	106
2.	On Road (No)	66	67	82	81	82	93	91
3.	Seating Capacity (Seating + Standing) Per Bus	48	48	48	48	48	49	48
4.	Total Passengers Carried (Million)	10.926	13.510	17.773	18.661	15.154	14.311	13.601
5.	Total Kms Operated. (Million)	3.182	3.746	4.570	4.537	4.505	4.598	4.868
6.	Total Staff	468	472	490	486	511	492	517
7.	Total No. of Routes Operated	40	43	50	46	43	39	43
8.	Total Length of of Routes. (Km)	1192	1231	1504	1392	1125	1256	1443
9.	Total Revenue Earning. (Rs.Mill)	6.416	9.603	13.176	14.000	14.895	14.952	15.766
10.	Total Operating Cost. (Rs.Mill)	11.358	14.461	17.122	18.784	20.137	20.767	22.381
11.	<u>%AGE DISTRIBUTION OF TOTAL COST.</u>							
i.	Staff	28.23	23.92	24.09	24.73	29.40	28.69	29.87
ii.	Fuel Consumption	23.04	28.12	30.80	32.09	32.51	32.76	31.41
iii.	Maintenance/Repair	13.74	10.55	7.07	6.98	8.16	8.25	10.07
iv.	Taxes	1.59	1.80	1.90	1.77	2.56	2.91	2.90
v.	Other	33.40	35.61	36.14	34.43	27.37	27.39	25.75
	TOTAL							

SOURCE:-- ROAD TRANSPORT BOARD NWFP PESHAWAR

OPERATIONAL STATISTICS (INTERCITY)
R.T.B. NWFP PESHAWAR

Table No. 2.6

S.No.	DESCRIPTION	PUBLIC						
		1980	1981	1982	1983	1984	1985	1986
1.	Fleet Size (No)	417	417	627	618	606	614	691
2.	On Road (No)	262	271	488	496	494	500	532
3.	Seating Capacity (Seating + Standing) Per Bus	48	48	48	48	48	50	50
4.	Total Passengers Carried. (Million)	10,853	11,914	21,718	19,416	17,567	16,841	16,760
5.	Total Kms Operated. (Million)	18,987	22,932	43,871	44,782	44,449	43,473	46,054
6.	Total Staff	1832	2019	2461	2523	2480	2530	2770
7.	Total No. of Routes Operated	88	94	134	137	132	131	135
8.	Total Length of Routes (Km)	10,190	11,869	19,989	21,225	20,835	19,968	23,058
9.	Total Revenue Earning (Rs.Mill)	57,017	86,832	151,36	166,893	179,954	194,141	202,687
10.	Total Operating Cost. (Rs.Mill)	62,109	79,345	144,301	163,191	177,149	139,254	200,109
11.	<u>%AGE DISTRIBUTION OF TOTAL COST.</u>							
i.	Staff	22.71	20.13	16.95	17.31	19.42	18.62	19.70
ii.	Fuel Consumption	22.02	27.63	29.25	30.42	30.34	29.89	29.70
iii.	Maintenance/Repair	17.50	11.96	7.18	9.47	11.55	12.34	12.89
iv.	Taxes	2.85	3.50	3.49	3.38	3.33	3.39	3.62
v.	Other	34.92	36.78	43.13	39.42	35.36	35.76	34.09

SOURCE:- ROAD TRANSPORT BOARD NWFP PESHAWAR

Table No. 2.7

OPERATIONAL STATISTICS
S.R.T.C. HYDERABAD

S.No.	DESCRIPTION	1980	1981	1982	1983	1984	1985	1986	
1.	Fleet Size	393	393	473	272	348	327	303	
2.	On Road	145	160	170	175	185	198	194	
3.	Seating Capacity (Seating + Standing) Per Bus	48+52	48+52	48+52	50+60	50+60	50+60	50+60	
4.	Total Passengers Carried (Million)	7.800	7.800	9.000	10.800	13.200	13.800	22.200	
5.	Total Kms Operated. (Million)	8.923	11.157	11.408	13.892	12.392	16.348	20.489	
6.	Total Staff	1250	1175	1365	1382	1581	1554	1819	
7.	Total No. of Routes Operated	42	34	38	42	35	36	62	
8.	Total Length of Routes (Km)	3228	2933	3913	3564	3852	5481	12431	
9.	Total Revenue Earning (Rs.Mill)	18.787	33.528	44.749	55.601	61.429	35.073	97.583	
10.	Total Operating Cost. (Rs.Mill)	25.140	38.128	51.697	64.563	72.496	33.352	105.318	
11.	<u>ZAGE DISTRIBUTION OF TOTAL COST.</u>								
i.	Staff	28.84	24.07	24.83	28.35	28.45	30.30	31.54	
ii.	Fuel Consumption	28.33	34.03	34.84	32.12	31.28	31.47	29.64	
iii.	Maintenance/Repair	17.88	12.09	14.66	10.65	11.91	11.71	15.33	
iv.	Taxes	1.97	1.17	1.11	0.53	0.56	0.74	1.30	
v.	Others	22.97	28.61	25.54	28.33	27.77	25.67	22.17	
	TOTAL								

SOURCE:- SIND ROAD TRANSPORT CORPORATION HYDERABAD.

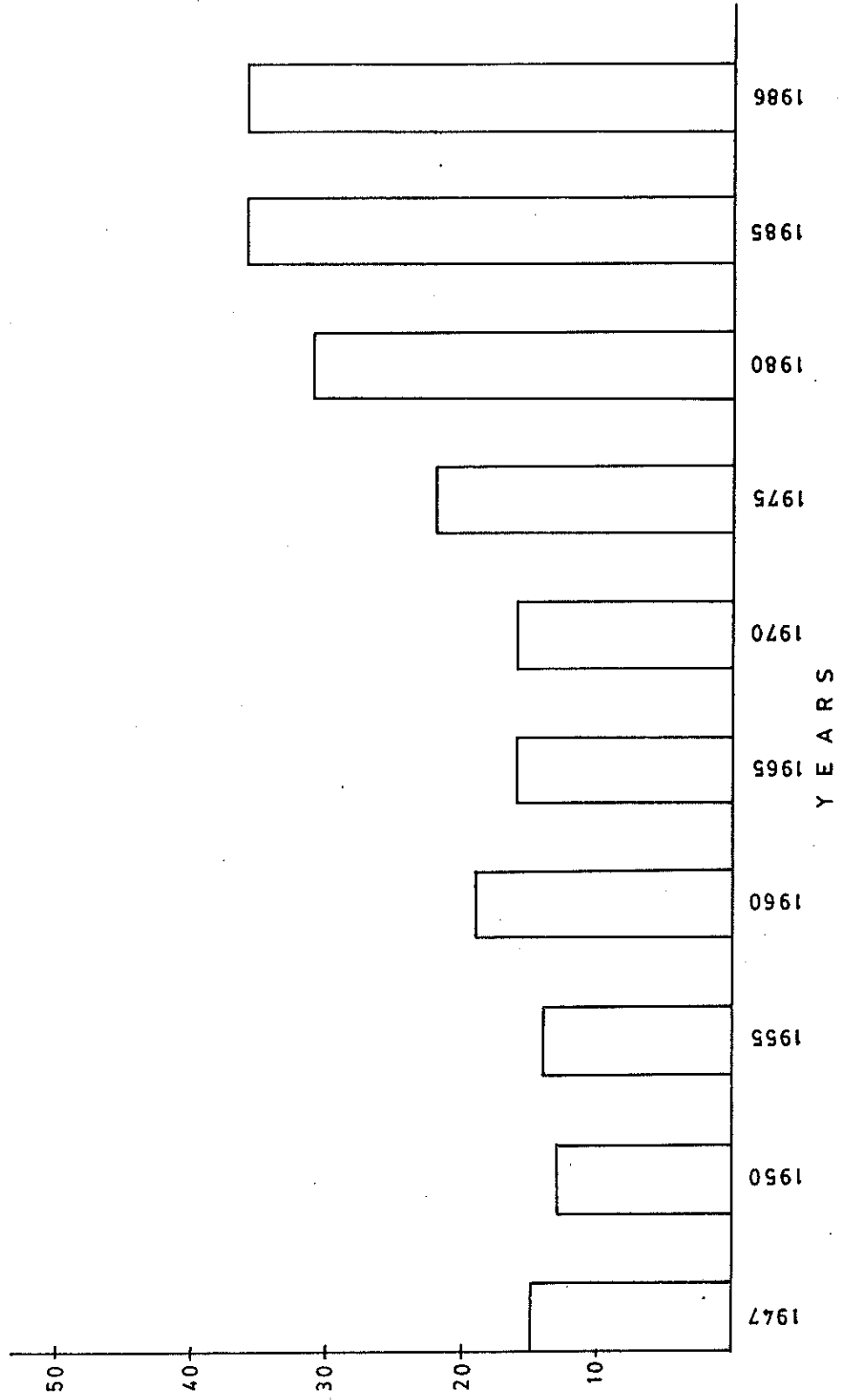
MOTOR VEHICLES PER '000' POPULATION

PAKISTAN

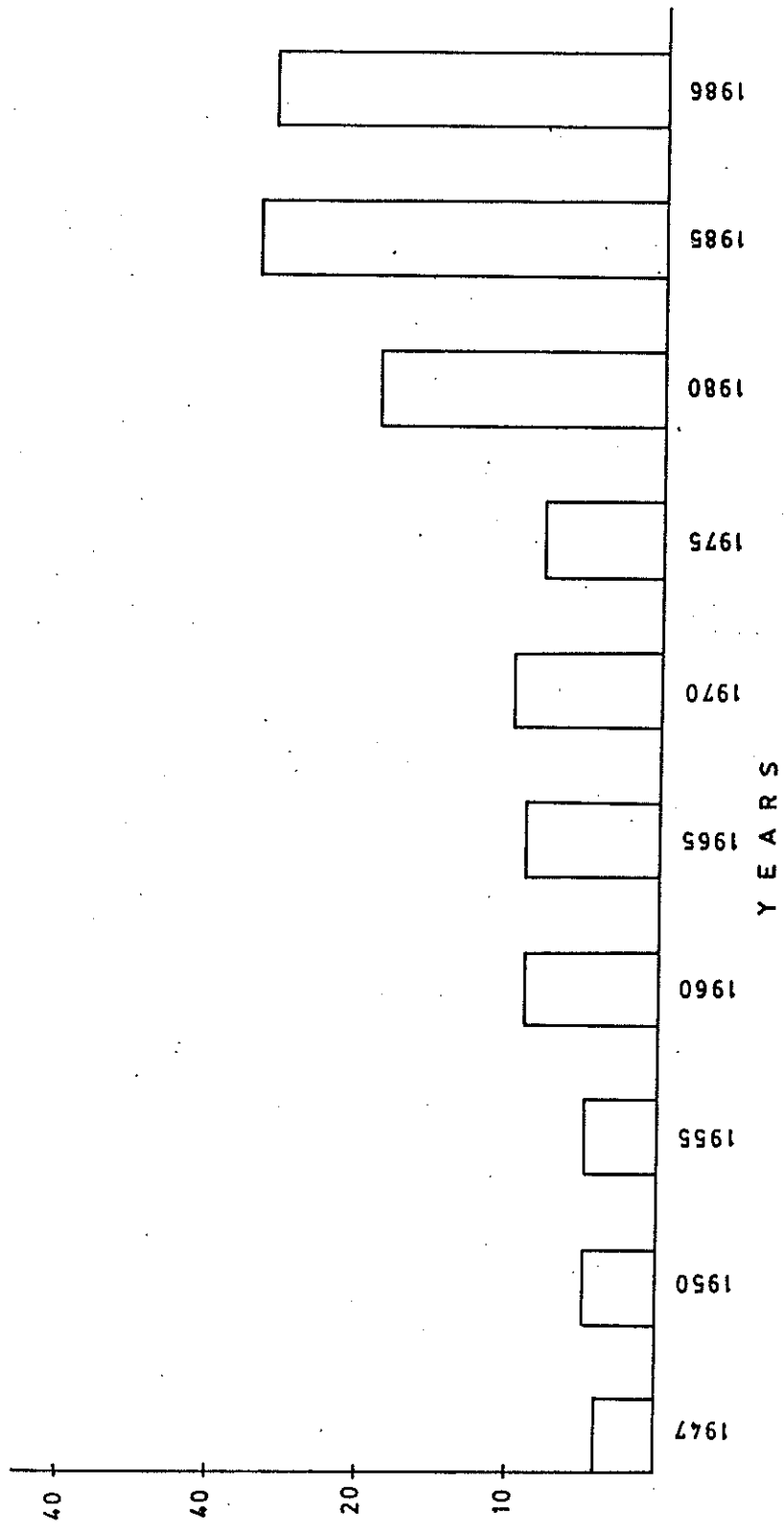
TYPE/ YEAR	BUS	STATION WAGON	CARS	M. CAB TAXI	M. CAB RICKSHAW	M. CYCLE SCOOTER
1947	0.15	0.04	0.41	0.03	-	0.12
1950	0.13	0.05	0.48	0.04	-	0.14
1951	0.15	0.05	0.52	0.05	-	0.16
1955	0.14	0.05	0.50	0.03	0.06	0.21
1960	0.19	0.09	0.83	0.06	0.12	0.32
1961	0.18	0.10	1.03	0.08	0.16	0.58
1965	0.16	0.09	0.87	0.10	0.19	0.75
1970	0.16	0.10	0.95	0.10	0.19	1.06
1972	0.18	0.10	0.98	0.12	0.12	1.26
1973	0.20	0.10	1.00	0.13	0.24	1.42
1974	0.21	0.08	0.81	0.11	0.21	1.43
1975	0.22	0.08	0.87	0.12	0.23	1.59
1976	0.25	0.09	0.96	0.15	0.25	1.85
1977	0.25	0.10	1.08	0.16	0.27	2.22
1978	0.26	0.12	1.24	0.16	0.30	2.67
1979	0.27	0.14	1.37	0.18	0.33	3.04
1980	0.31	0.19	1.82	0.20	0.39	3.51
1981	0.32	0.19	1.83	0.21	0.40	3.88
1982	0.31	0.20	1.97	0.22	0.40	3.09
1983	0.32	0.22	2.12	0.23	0.41	4.67
1984	0.33	0.20	2.19	0.23	0.41	5.19
1985	0.36	0.27	2.41	0.25	0.30	5.48
1986	0.36	0.26	2.45	0.25	0.37	5.52

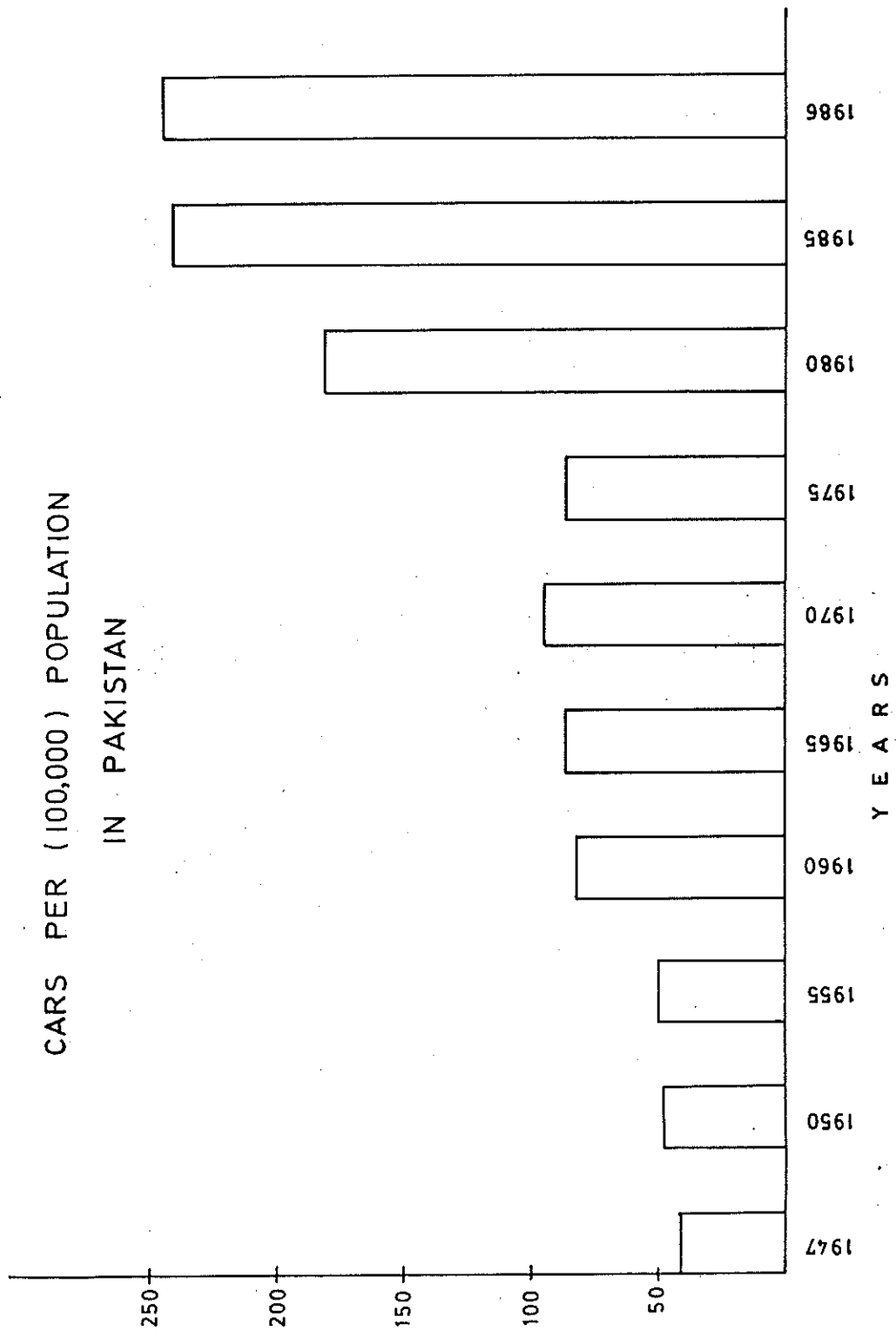
Table No. 3.1

BUSES PER (100,000) POPULATION
IN PAKISTAN



STATION WAGONS PER (100,000) POPULATION
IN PAKISTAN

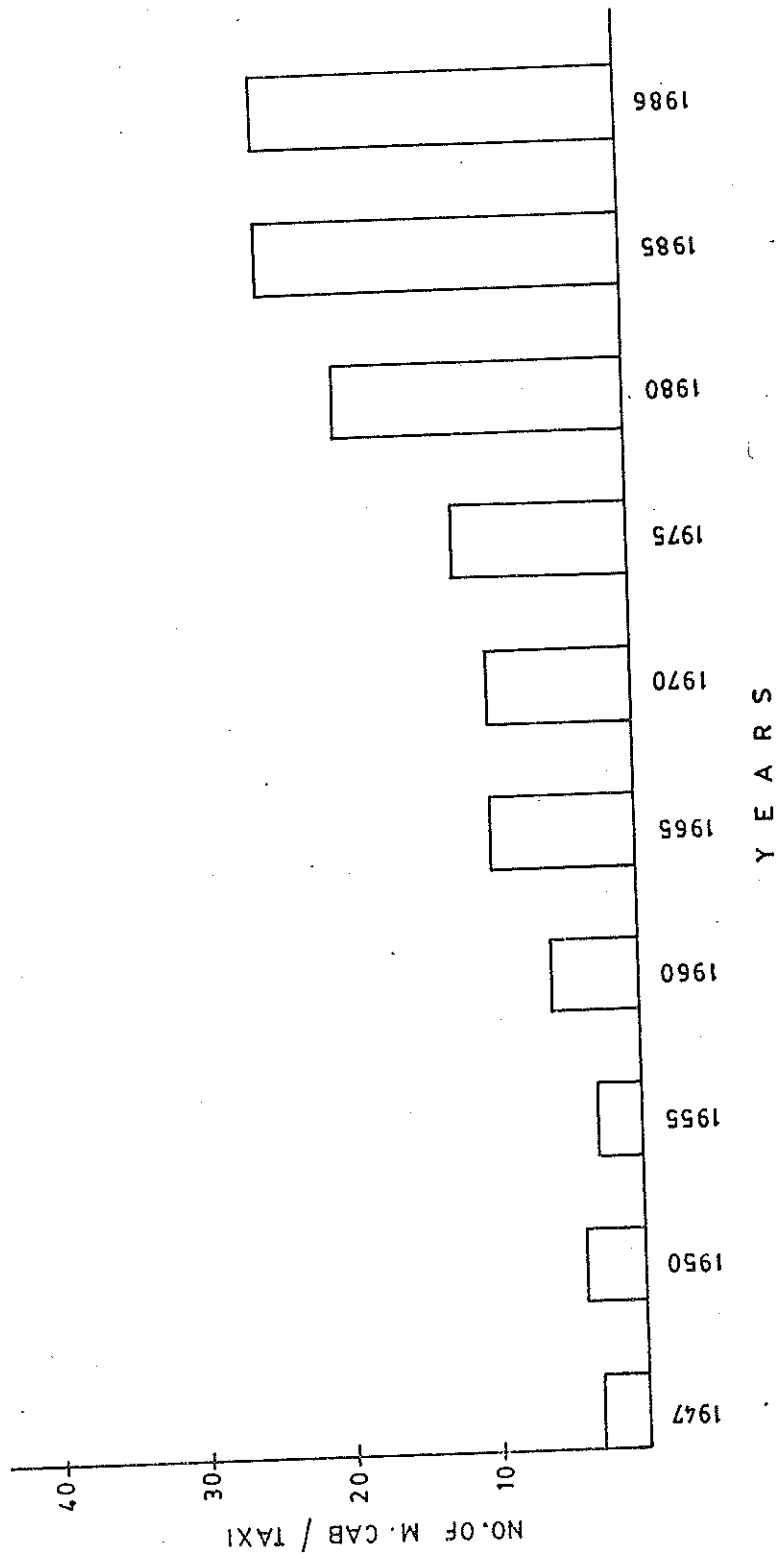




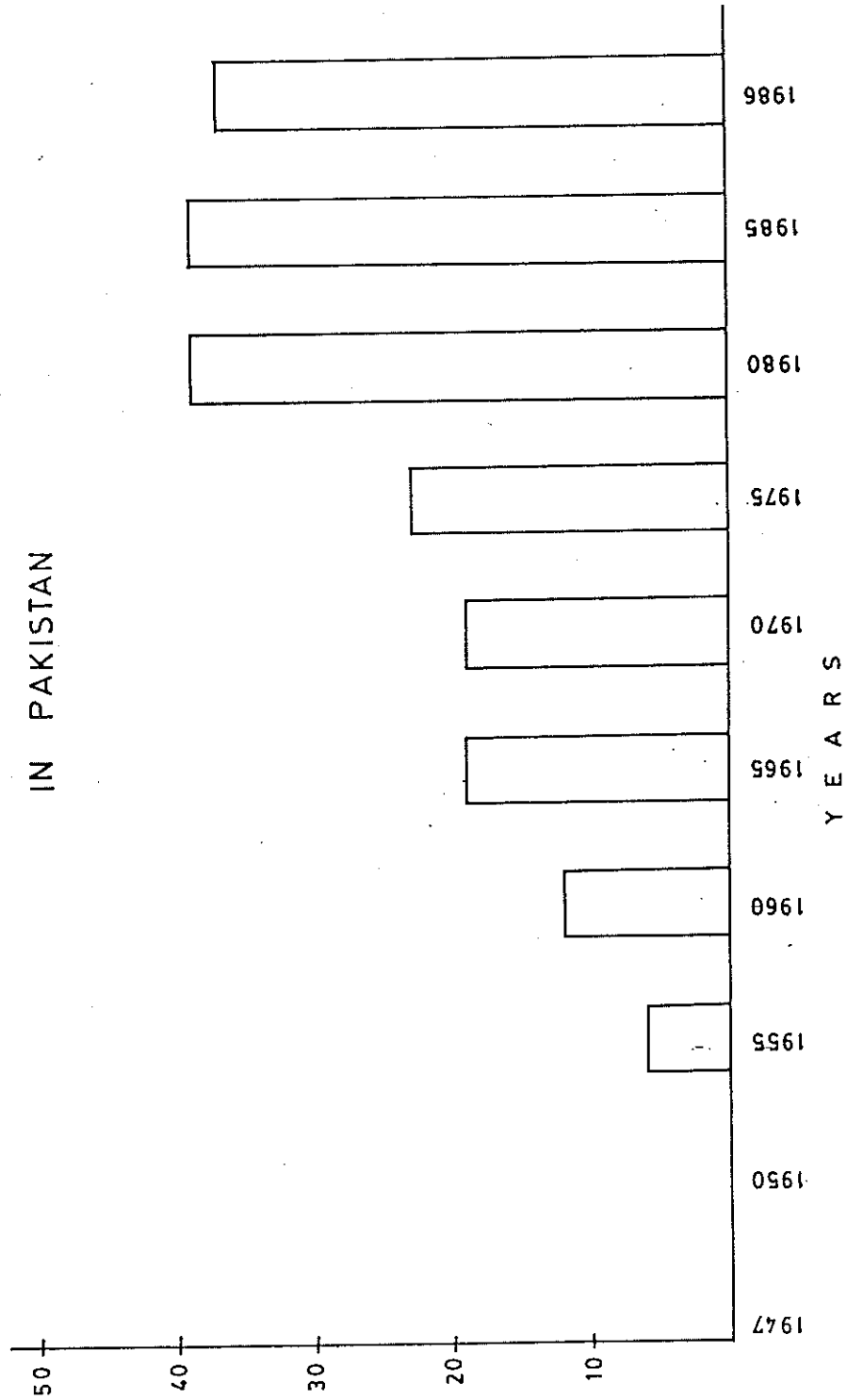
CARS PER (100,000) POPULATION
IN PAKISTAN

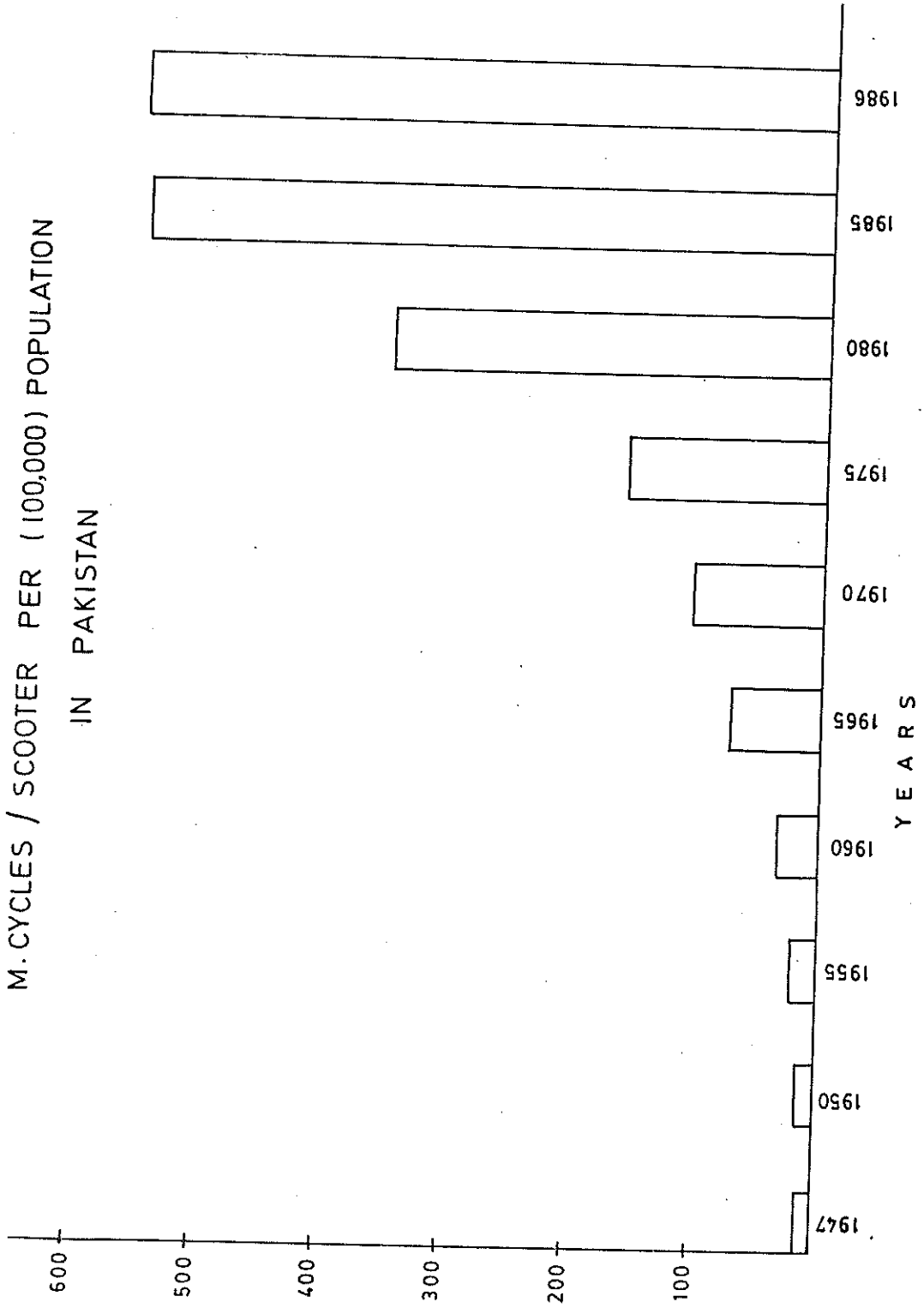
Y E A R S

M. CAB / TAXI PER (100,000) POPULATION
IN PAKISTAN



M-CAB RICKSHAW PER (100,000) POPULATION
IN PAKISTAN





MOTOR VEHICLES PER '000' POPULATION

Table No. 3.2

TYPE/ YEAR	PUNJAB					
	BUS	STATION WAGON	CARS	M.CAB TAXI	M.CAB RICKSHAW	M.CYCLE SCOOTER
1947	0.12	0.01	0.29	0.02	-	0.11
1950	0.10	0.02	0.37	0.02	-	0.13
1951	0.12	0.02	0.38	0.02	-	0.15
1955	0.11	0.02	0.34	0.01	0.04	0.19
1960	0.16	0.03	0.62	0.02	0.07	0.50
1961	0.15	0.03	0.76	0.03	0.10	0.55
1965	0.13	0.03	0.65	0.04	0.12	0.71
1970	0.13	0.03	0.72	0.06	0.17	1.02
1972	0.15	0.03	0.75	0.05	0.14	1.27
1973	0.17	0.03	0.76	0.05	0.15	1.38
1974	0.18	0.03	0.66	0.04	0.13	1.30
1975	0.19	0.03	0.70	0.05	0.15	1.41
1976	0.21	0.03	0.73	0.05	0.19	1.65
1977	0.21	0.04	0.84	0.05	0.19	2.01
1978	0.21	0.04	0.96	0.05	0.22	2.44
1979	0.23	0.05	1.05	0.06	0.24	2.69
1980	0.24	0.06	1.18	0.08	0.28	3.01
1981	0.24	0.07	1.28	0.08	0.30	3.71
1982	0.24	0.08	1.41	0.08	0.30	4.02
1983	0.26	0.10	1.51	0.09	0.30	4.49
1984	0.26	0.11	1.58	0.13	0.29	5.29
1985	0.32	0.20	1.76	0.17	0.28	5.72
1986	0.32	0.20	1.80	0.16	0.29	5.78

MOTOR VEHICLES PER '000' POPULATION

Table No. 3.3

TYPE/ YEAR	SIND					
	BUS	STATION WAGON	CARS	M.CAB TAXI	M.CAB RICKSHAW	M.CYCLE SCOOTER
1947	0.24	0.15	0.97	0.10	-	0.25
1950	0.21	0.16	1.04	0.12	-	0.30
1951	0.25	0.19	1.25	0.15	-	0.34
1955	0.23	0.19	1.22	0.12	0.17	0.43
1960	0.30	0.29	1.86	0.22	0.33	0.64
1961	0.27	0.35	2.27	0.30	0.44	1.13
1965	0.23	0.28	1.85	0.35	0.53	1.41
1970	0.22	0.29	1.91	0.34	0.50	1.90
1972	0.24	0.30	1.94	0.38	0.57	2.22
1973	0.27	0.30	1.97	0.40	0.61	2.49
1974	0.27	0.23	1.51	0.31	0.47	2.76
1975	0.26	0.23	1.66	0.33	0.50	3.13
1976	0.33	0.26	1.88	0.44	0.51	3.61
1977	0.33	0.29	2.12	0.43	0.53	4.26
1978	0.34	0.33	2.40	0.43	0.54	5.06
1979	0.35	0.41	2.69	0.42	0.62	5.99
1980	0.46	0.61	4.24	0.47	0.75	7.25
1981	0.50	0.53	3.91	0.47	0.77	6.96
1982	0.42	0.53	4.04	0.49	0.68	7.47
1983	0.44	0.57	4.35	0.49	0.71	8.08
1984	0.44	0.30	4.09	0.39	0.72	7.97
1985	0.46	0.34	4.64	0.41	0.70	0.72
1986	0.45	0.28	4.62	0.39	0.61	8.16

MOTOR VEHICLES PER '000' POPULATION

Table No. 3.4

TYPE/ YEAR	NWFP					
	BUS	STATION WAGON	CARS	M.CAB TAXI	M.CAB RICKSHAW	M.CYCLE SCOOTER
1947	0.16	0.03	0.17	0.01	-	0.03
1950	0.15	0.04	0.34	0.01	-	0.03
1951	0.17	0.04	0.35	0.02	-	0.03
1955	0.16	0.04	0.35	0.01	0.02	0.07
1960	0.22	0.06	0.55	0.03	0.04	0.07
1961	0.20	0.07	0.68	0.03	0.05	0.14
1965	0.18	0.06	0.59	0.04	0.06	0.17
1970	0.18	0.07	0.66	0.05	0.06	0.25
1972	0.21	0.07	0.69	0.05	0.07	0.30
1973	0.24	0.08	0.71	0.06	0.08	0.35
1974	0.25	0.06	0.55	0.11	0.15	0.33
1975	0.28	0.06	0.60	0.13	0.16	0.38
1976	0.30	0.07	0.69	0.15	0.17	0.48
1977	0.30	0.08	0.76	0.19	0.21	0.56
1978	0.34	0.10	0.89	0.24	0.24	0.69
1979	0.36	0.11	0.99	0.20	0.29	0.80
1980	0.38	0.12	1.12	0.25	0.33	0.79
1981	0.39	0.14	1.28	0.25	0.34	0.92
1982	0.39	0.16	1.43	0.40	0.37	1.06
1983	0.38	0.17	1.53	0.41	0.39	1.16
1984	0.38	0.28	2.08	0.43	0.39	1.37
1985	0.38	0.32	2.22	0.44	0.39	1.66
1986	0.38	0.34	2.72	0.44	0.38	1.67

MOTOR VEHICLES PER '000' POPULATION

Table No. 3.5

TYPE/ YEAR	BALUCHISTAN					
	BUS	STATION WAGON	CARS	M. CAB TAXI	M. CAB RICKSHAW	M. CYCL SCOOTER
1947	0.11	0.04	0.11	0.01	-	0.05
1950	0.10	0.04	0.11	0.01	-	0.06
1951	0.11	0.05	0.13	0.02	-	0.07
1955	0.11	0.05	0.14	0.02	0.02	0.09
1960	0.15	0.09	0.23	0.02	0.06	0.15
1961	0.14	0.11	0.29	0.02	0.09	0.28
1965	0.16	0.09	0.23	0.11	0.11	0.34
1970	0.11	0.09	0.24	0.01	0.10	0.45
1972	0.12	0.09	0.24	0.01	0.12	0.52
1973	0.13	0.09	0.23	0.01	0.12	0.57
1974	0.12	0.09	0.24	0.01	0.13	0.61
1975	0.14	0.09	0.24	0.01	0.15	0.67
1976	0.16	0.09	0.25	0.01	0.16	0.66
1977	0.15	0.10	0.26	0.01	0.19	0.78
1978	0.17	0.10	0.26	0.01	0.21	0.85
1979	0.19	0.10	0.27	0.01	0.23	0.92
1980	0.19	0.10	0.27	0.01	0.26	1.00
1981	0.17	0.13	0.49	0.01	0.28	1.16
1982	0.29	0.23	0.65	0.01	0.32	2.24
1983	0.30	0.25	0.63	0.01	0.30	2.36
1984	0.33	0.46	0.85	0.01	0.44	3.49
1985	0.30	0.58	0.75	0.01	0.29	2.89
1986	0.29	0.55	0.72	0.01	0.27	2.78

DRIVING LICENCES ISSUED

Table No. 4.1 NUMBER OF DRIVING LICENCES ISSUED BY CATEGORY IN PAKISTAN

YEAR	M. CYCLE SCOOTER	CAR/ JEEP	M. CAB TAXI	M. CAB RICKSHAW	L. T. V.	H. T. V.	TRACTOR	P. S. V.	OTHER	TOTAL
1971	14741	15358	62	2112	6425	3053	941	1129	21	43842
1972	15322	14252	68	2410	4869	2824	1035	1192	32	42074
1973	18147	18112	88	3138	6611	2361	1126	873	19	50475
1974	18837	19878	81	3378	7171	2973	1073	844	51	54286
1975	20702	25149	277	4235	12145	4611	1697	1133	69	70618
1976	26338	30040	215	4848	17452	4918	3133	1208	105	88257
1977	30330	36858	269	5160	21728	6032	4016	1406	109	105998
1978	37286	41604	405	8637	24482	8335	6828	1967	125	129669
1979	43940	45279	445	10122	27981	9548	6580	1606	62	145563
1980	42235	48613	1057	10120	43110	12975	10395	10089	1577	180175
1981	35595	41956	966	6355	41855	7259	7941	7953	1789	151569
1982	32588	37035	1339	2903	39350	4539	6262	6206	2207	132427
1983	41202	41573	2122	2593	35682	6053	8071	4776	3838	145910
1984	59691	56062	2077	3178	46339	8909	9254	7492	1031	194033
1985	73475	72934	2021	4335	58750	9373	9675	9292	1156	241011

SOURCE:- S. P. OFFICES.

NUMBER OF DRIVING LICENCES ISSUED BY CATEGORY IN PUNJAB

Table No. 4.2

YEAR	M. CYCLE SCOOTER	CAR/ JEEP	M. CAB TAXI	M. CAB RICKSHAW	L. T. V.	H. T. V.	TRACTOR	P. S. V.	OTHER	TOTAL
1970	5594	5967	62	549	1768	2146	489	347	19	16441
1971	5986	6397	58	572	1619	1456	516	558	6	17168
1972	5763	5596	66	950	1760	1697	617	629	11	17089
1973	7234	7046	87	1282	2123	906	765	350	16	19809
1974	8132	7639	81	1331	2519	1326	744	284	36	22092
1975	10026	9581	277	1711	3537	1498	1347	473	52	28502
1976	13513	12256	215	1805	4189	1391	2467	342	44	56222
1977	17822	16379	269	1938	6302	1402	3080	443	54	47689
1978	23301	19324	405	2182	6528	1734	5225	482	42	59223
1979	22817	18234	445	2266	7397	1859	5038	551	47	58554
1980	26218	23766	957	2231	11648	4318	8001	982	33	73154
1981	22232	17148	765	3072	13069	3427	6194	1101	163	67171
1982	21849	17142	1096	1283	17277	2311	4970	1307	166	67401
1983	29657	19820	1851	1128	23124	3436	6793	1222	492	87523
1984	39699	25523	1994	1936	30888	4966	7981	4003	193	117183
1985	48842	31358	1940	2386	36517	5167	8637	5443	299	143589

SOURCE:- S. P. OFFICES PUNJAB.

Table No. 4.3 NUMBER OF DRIVING LICENCES ISSUED IN SIND.

YEAR	M. CYCLE SCOOTER	CAR/ JEEP	M. CAB TAXI	M. CAB RICKSHAW	L. T. V.	H. T. V.	TRACTOR	P. S. V.	OTHER	TOTAL
1970	6249	4526	2	933	2576	666	187	390	-	15529
1971	7766	6459	4	920	3108	705	167	368	-	19497
1972	8464	7259	2	946	2255	566	239	433	-	20164
1973	10077	9464	1	1318	3407	875	232	396	-	25770
1974	9634	8270	-	1239	3298	729	190	320	-	23680
1975	9405	8554	-	1484	5566	1280	196	389	-	25874
1976	10291	10901	-	1830	9528	1500	401	454	-	34905
1977	9934	11647	-	2181	10768	2878	511	403	-	38322
1978	11974	15435	-	5952	13724	5387	887	479	-	53838
1979	17212	16484	-	7125	15503	6826	568	-	-	63718
1980	12438	13101	-	6602	21648	6959	1282	8855	421	71306
1981	10306	12968	-	1850	18774	2455	753	6494	192	53792
1982	7479	9763	-	759	11080	955	507	4457	207	35207
1983	8810	11858	-	1022	7201	1140	522	3110	195	33858
1984	15598	21293	-	856	7133	2539	517	1873	309	50109
1985	20195	25849	-	1250	9622	2247	295	1707	312	61477

SOURCE:- S. P. OFFICES SIND.

Table No. 4.4 NUMBER OF DRIVING LICENCES ISSUED BY CATEGORY N.W.F.P.

YEAR	M. CYCLE SCOOTER	CAR/ JEEP	M. CAB TAXI	M. CAB RICKSHAW	L. T. V.	H. T. V.	TRACTOR	P. S. V.	OTHER	TOTAL
1971	732	2000	-	227	1319	588	246	203	15	5330
1972	541	1113	-	264	553	332	147	130	21	3101
1973	518	1180	-	228	676	328	109	127	3	3169
1974	652	2483	-	308	807	739	139	240	15	4483
1975	980	4634	-	403	1241	941	150	271	17	8637
1976	1906	4161	-	480	1493	941	257	412	61	9711
1977	1722	6624	-	418	2140	693	414	650	55	12716
1978	1423	5835	-	342	3736	921	716	1006	83	14062
1979	1125	7977	-	363	3533	184	942	1055	15	15594
1980	1936	7892	100	437	5731	1025	958	212	10	18301
1981	1983	9724	201	697	5759	1142	870	320	19	26715
1982	1706	7216	243	372	6601	1050	640	421	21	18270
1983	1824	7628	271	395	4925	1345	675	430	27	17520
1984	3237	7019	83	191	6501	1113	694	1591	532	21061
1985	3054	11459	81	312	6052	1219	564	2090	539	25370

SOURCE:- S. P. OFFICES N.W.F.P.

Table No. 4.5 NUMBER OF DRIVING LICENCES ISSUED BY CATEGORY IN BALUCHISTAN

YEAR	M. CYCLE SCOOTER	CAR/ JEEP	M. CAB TAXI	M. CAB RICKSHAW	L. T. V.	H. T. V.	T. RACTOR	P. S. V.	OTHER	TOTAL
1970	121	122	-	81	236	46	2	-	-	608
1971	257	502	-	393	379	304	12	-	-	1847
1972	554	284	-	250	301	229	32	-	-	1650
1973	318	422	-	310	405	252	20	-	-	1727
1974	419	1486	-	500	547	179	-	-	-	3131
1975	291	2380	-	637	1801	892	4	-	-	6005
1976	628	2722	-	733	2242	1086	8	-	-	7419
1977	852	2208	-	623	2518	1059	11	-	-	7271
1978	588	1010	-	161	494	293	-	-	-	2546
1979	2786	2584	-	368	1548	279	32	-	-	7597
1980	1643	3854	-	850	4083	673	154	40	1113	12410
1981	1074	2116	-	736	4253	235	124	38	1415	9991
1982	1554	2914	-	489	4392	223	145	19	1813	11549
1983	911	2267	-	48	432	132	81	14	3124	7009
1984	1157	2227	-	195	1817	191	62	25	6	5680
1985	1384	4268	-	387	6559	740	179	52	6	13575

SOURCE:- S. P. OFFICES BALUCHISTAN.

Table No. 4.6 NUMBER OF DRIVING LICENCES ISSUED BY CATEGORY IN AZAD KASHMIR

YEAR	M. CYCLE SCOOTER	CAR/ JEEP	M. CAB TAXI	M. CAB RICKSHAW	L. T. V. . .	H. T. V.	TRACTOR	P. S. V.	OTHER	TOTAL
1974	272	544	30	17	433	160	16	15	-	1487
1975	518	1282	44	17	595	248	33	41	-	2778
1976	564	1622	52	11	747	366	41	46	-	3449
1977	718	3441	63	23	832	322	21	38	-	5458
1978	234	2713	9	4	766	330	19	7	-	4082
1979	749	1540	22	19	637	119	42	21	-	3294
1980	762	1452	-	33	430	164	38	79	-	2958
1981	534	1228	-	23	319	113	12	140	-	2369
1982	742	1020	-	13	366	105	8	152	-	2409
1983	452	559	-	13	196	243	5	115	-	1583
1984	723	1357	-	13	272	222	17	41	-	2645
1985	421	1153	-	7	269	141	10	34	-	2034

SOURCE:- S. P. OFFICES AZAD KASHMIR.

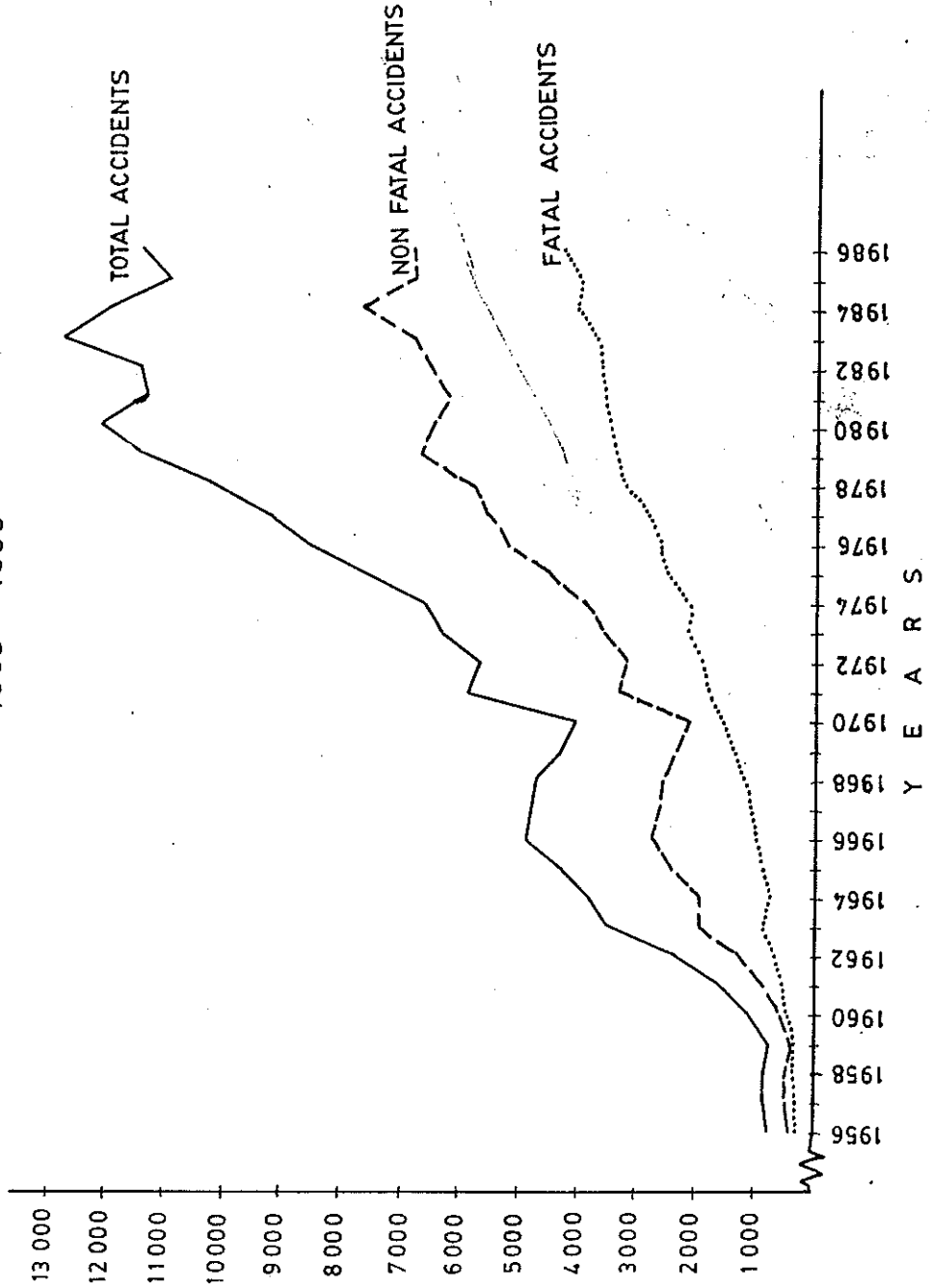
ACCIDENT STATISTICS

ACCIDENT STATISTICS, PAKISTAN

YEAR	Number of Accidents				No. of Casualties		
	FATAL	NON-FATAL	OTHERS	TOTAL	KILLED	INJURED	TOTAL
1956	263	429	104	796	302	882	1184
1957	308	499	86	893	327	1020	1347
1958	317	455	66	838	361	979	1340
1959	316	391	64	771	380	945	1325
1960	405	583	117	1105	478	1304	1782
1961	518	870	214	1602	602	1798	2400
1962	664	1297	392	2353	757	2480	3237
1963	850	1935	718	3503	953	3421	4374
1964	797	1942	1137	3876	949	3231	4180
1965	843	2423	1064	4330	947	3917	4864
1966	961	2771	1177	4909	1063	4294	5357
1967	1084	2686	1062	4832	1195	4301	5496
1968	1196	2603	958	4757	1344	4308	5652
1969	1381	2390	562	4333	1351	3311	4662
1970	1558	2195	330	4083	1359	2861	4220
1971	1793	3378	721	5892	1867	5025	6892
1972	1894	3204	570	5668	2056	4962	7018
1973	2175	3645	505	6325	2508	6087	8595
1974	2134	3961	591	6686	2384	5790	8174
1975	2513	4591	588	7692	2796	6465	9261
1976	2619	5278	665	8562	2852	7242	10094
1977	2888	5551	828	9267	3133	7868	11001
1978	3211	5804	1169	10184	3430	8288	11718
1979	3375	6717	1371	11463	3744	9453	13197
1980	3483	6553	2094	12130	3836	9540	13376
1981	3571	6212	1534	11317	4167	10310	14477
1982	3646	6530	1278	11454	4371	10469	14840
1983	3745	6817	2173	12735	4337	11049	15386
1984	4070	7774	79	11923	4721	12307	17028
1985	4017	6834	102	10953	4769	12591	17360
1986	4302	6869	233	11404	5121	13553	18674

NOTE:- ACCIDENT IN PUNJAR, SIND, N.W.F.P. AND BALUCHISTAN.

ROAD ACCIDENTS IN PAKISTAN
1956 - 1986



1761
21-11-90

Table No. 5.2 ACCIDENT STATISTICS PUNJAB

YEAR	Number of Accident				No. of Casualties		
	FATAL	NON-FATAL	OTHER	TOTAL	KILLED	INJURED	TOTAL
1971	1016	1334	342	2692	1159	2773	3932
1972	1054	1226	213	2493	1237	2610	3847
1973	1171	1265	203	2639	1408	2940	4348
1974	1181	1783	143	3107	1301	2383	3684
1975	1433	2007	173	3613	1575	2594	4169
1976	1487	2417	188	4092	1599	3048	4647
1977	1627	2237	219	4083	1793	2989	4782
1978	1730	2422	374	4526	1925	3176	5101
1979	1857	2692	325	4874	2037	3524	5561
1980	1783	2467	214	4464	2008	3608	5616
1981	1897	2322	99	4318	2275	4438	6713
1982	1932	2427	82	4441	2284	4372	6656
1983	2048	2464	150	4662	2386	4717	7103
1984	2222	2542	-	4764	2624	5440	8064
1985	2163	2663	14	4840	2590	5563	8153
1986	2515	2992	-	5507	2998	6122	9120

ROAD ACCIDENTS IN PUNJAB (1971 - 1986)

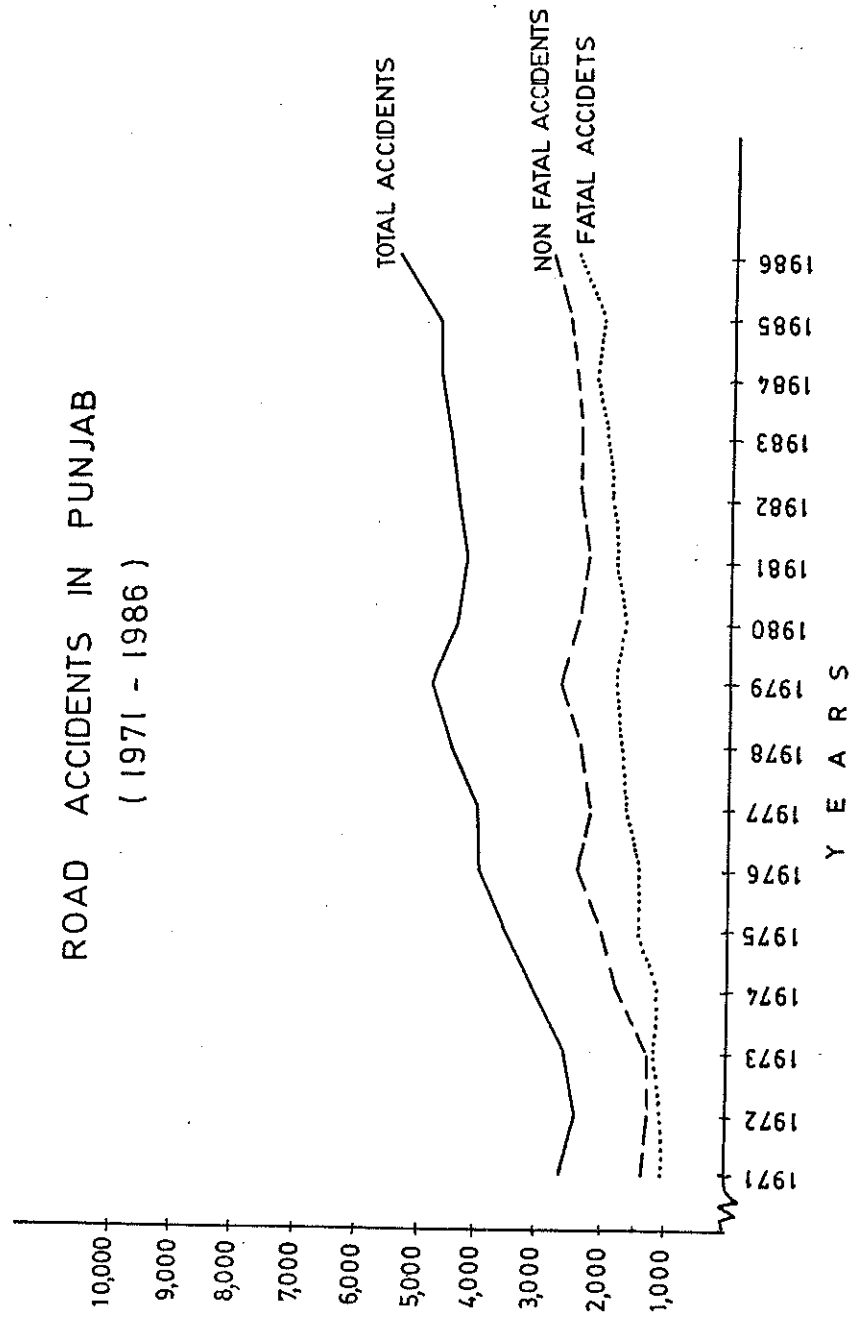


Table No. 5.3 ACCIDENT STATISTICS OF SIND

YEAR	Number of Accident				No. of Casualties		
	FATAL	NON-FATAL	OTHERS	TOTAL	KILLED	INJURED	TOTAL
1971	611	1724	117	2452	361	1717	2078
1972	646	1588	123	2357	614	1759	2373
1973	780	1871	146	2797	867	2442	3309
1974	717	1759	180	2565	779	2799	3578
1975	808	2082	173	3063	894	3124	4018
1976	846	2222	176	3244	937	3387	4324
1977	907	2374	205	3486	926	3589	4515
1978	938	2298	216	3452	999	3684	4683
1979	1043	2727	291	4061	1143	4229	5372
1980	1183	2478	235	3896	1302	4051	5353
1981	1152	2338	248	3738	1293	3845	5138
1982	1160	2397	293	3850	1356	4071	5427
1983	1105	2394	296	3795	1232	3987	5219
1984	1229	2692	-	3921	1321	4081	5402
1985	1178	2432	-	3610	1375	3991	5366
1986	1163	2095	233	3491	1343	4145	5488

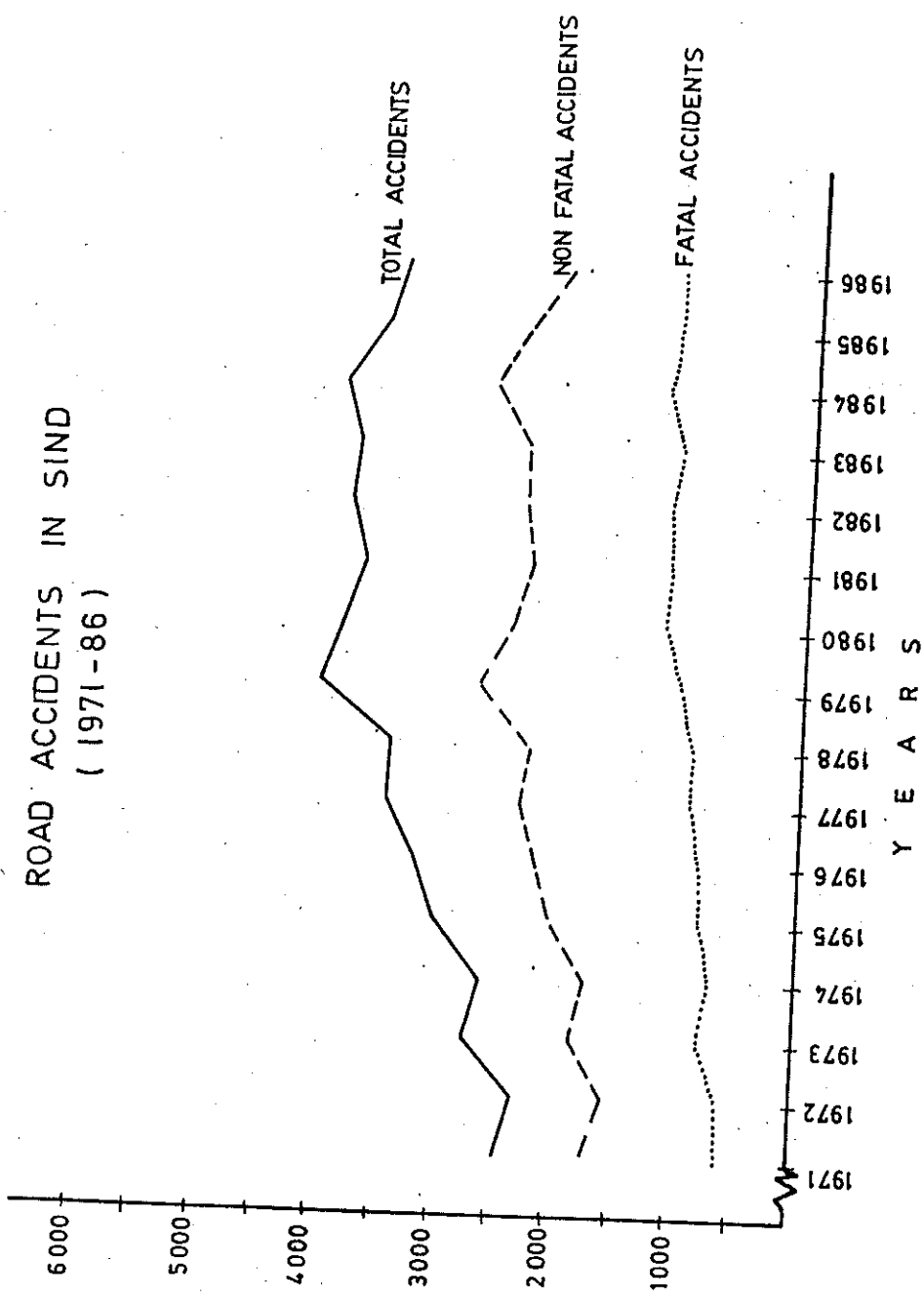


Table No. 5.4 ACCIDENT STATISTICS OF N.W.F.P.

YEAR	Number of Accidents				No. of Casualties		
	FATAL	NON-FATAL	OTHERS	TOTAL	KILLED	INJURED	TOTAL
1971	159	288	215	662	338	487	825
1972	168	338	172	678	177	451	628
1973	200	437	95	732	211	293	704
1974	201	349	198	748	272	451	723
1975	222	428	166	816	271	507	778
1976	242	560	230	1032	269	673	942
1977	318	821	335	1474	377	1100	1477
1978	497	965	507	1969	463	1192	1655
1979	430	1187	657	2274	514	1427	1941
1980	396	1266	1443	3105	479	1665	2144
1981	441	1380	1120	2941	511	1763	2274
1982	476	1482	824	2782	631	1703	2334
1983	510	1771	1673	3954	624	2062	2686
1984	531	2290	-	2821	683	2394	3070
1985	566	1475	-	2041	696	2554	3250
1986	537	1498	-	2035	862	2845	3527

ROAD ACCIDENT IN N.W.F.P.
(1971 - 86)

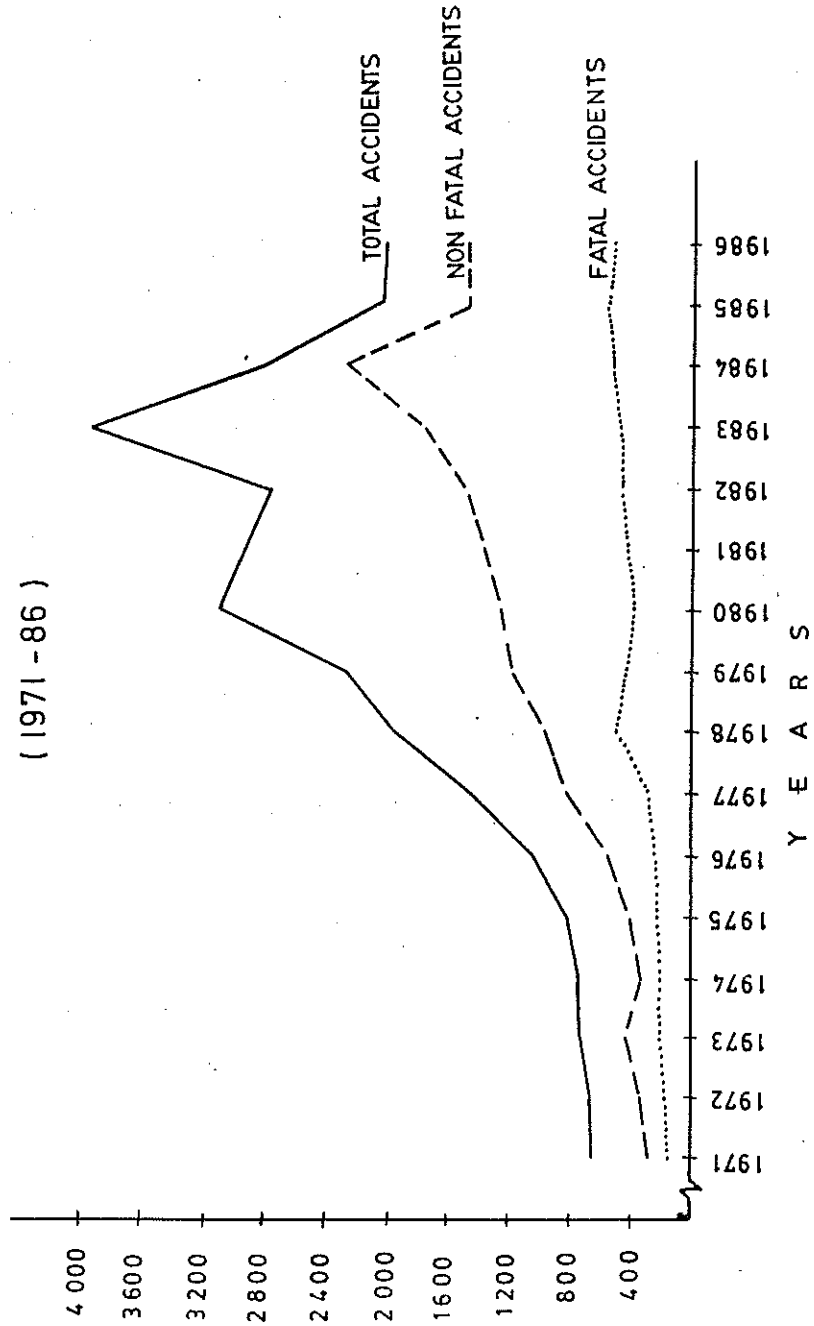
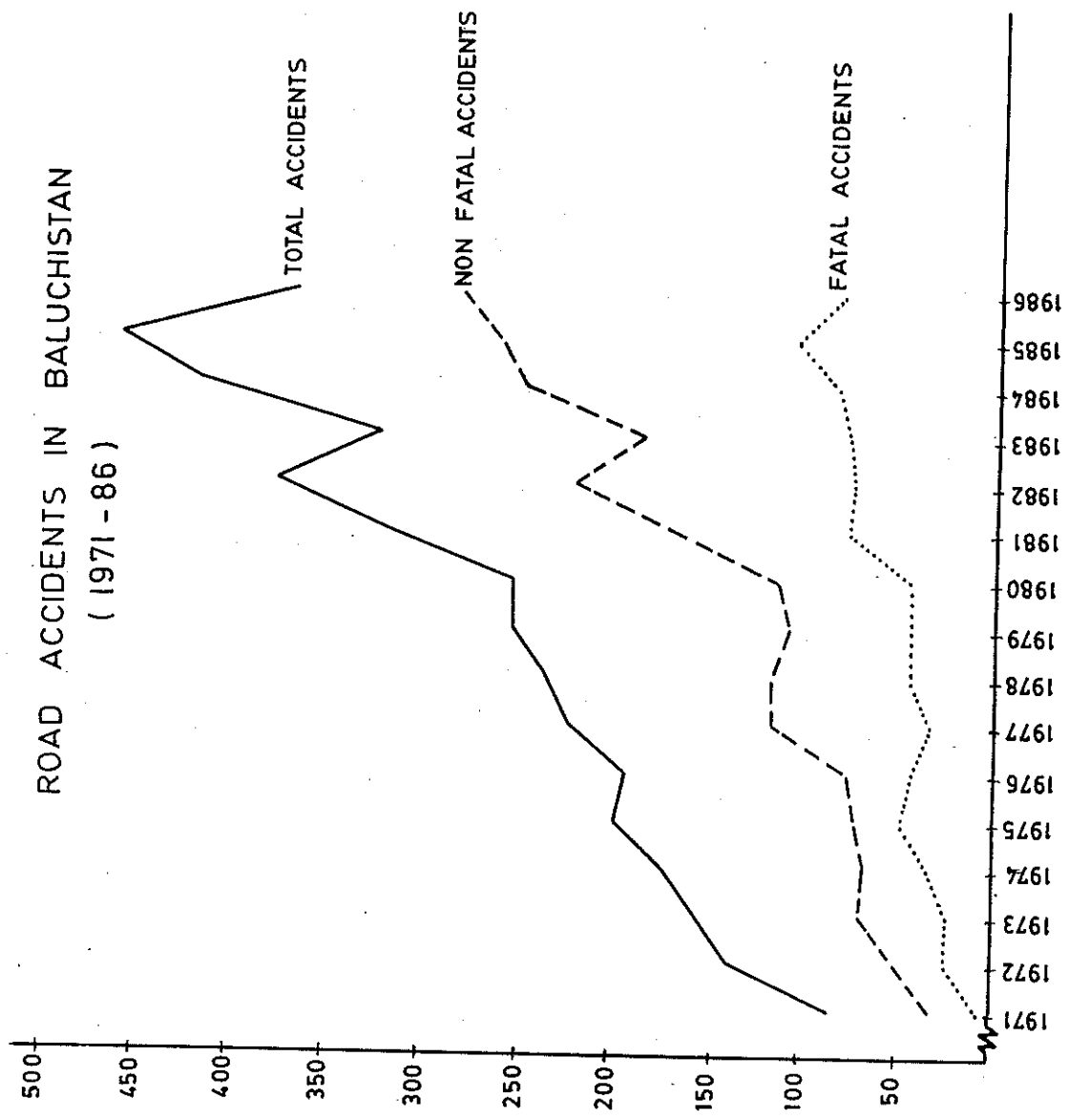


Table No. 5.5 ACCIDENT STATISTICS OF BALUCHISTAN

YEAR	Number of Accident				No. of Casualties		
	FATAL	NON-FATAL	OTHERS	TOTAL	KILLED	INJURED	TOTAL
1971	7	32	47	86	9	48	57
1972	26	52	62	140	28	142	170
1973	24	72	61	157	22	212	234
1974	35	70	70	175	32	157	189
1975	50	74	76	200	56	240	296
1976	44	79	71	194	47	134	181
1977	36	119	69	224	37	190	227
1978	46	119	72	237	43	236	279
1979	45	111	98	254	50	273	323
1980	47	117	91	255	47	216	263
1981	81	172	67	320	88	264	352
1982	78	224	79	381	100	323	423
1983	82	188	54	324	95	283	378
1984	88	250	79	417	93	392	485
1985	110	264	83	462	108	440	548
1986	87	284	-	371	98	441	539



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Table No. 5.6 ACCIDENT STATISTICS OF AZAD KASHMIR

YEAR	Number of Accidents			No. of Casualties			
	FATAL	NON-FATAL	OTHER	TOTAL	KILLED	INJURED	TOTAL
1974	11	21	2	34	15	60	75
1975	20	30	14	64	16	58	74
1976	14	33	1	48	15	49	64
1977	20	34	7	61	23	68	91
1978	37	18	6	61	20	76	96
1979	25	33	3	61	22	68	90
1980	32	41	4	77	130	198	328
1981	33	65	11	109	40	172	212
1982	22	43	14	79	38	127	165
1983	34	60	2	96	79	306	385
1984	49	83	-	132	99	336	435
1985	23	99	-	122	69	304	373

SOURCE:- S.P. OFFICE AZAD KASHMIR.

Table No. 6.1

REVENUE EARNED THROUGH DRIVING LICENCE FEE

(Rs. in Million)

PROVINCE/YEAR	PUNJAB	SIND	NWFP	BALUCHISTAN	TOTAL
1976-77	5.370	4.690	1.430	0.300	11.790
1977-78	7.119	5.786	1.668	0.382	14.955
1978-79	10.984	6.169	3.420	0.301	20.874
1979-80	16.092	8.253	4.953	0.457	29.755
1980-81	19.182	7.613	5.868	0.851	33.514
1981-82	19.569	8.544	6.309	0.921	35.343
1982-83	22.270	13.919	6.942	1.227	44.358
1983-84	26.147	23.610	8.459	0.946	59.162
1984-85	30.569	23.849	11.010	1.139	66.567
1985-86	35.447	25.165	12.214	1.512	74.338
1986-87	36.818	25.008	12.097	1.499	75.422

SOURCE:- PAKISTAN POST OFFICE.

REVENUE EARNED THROUGH MOTOR VEHICLE FITNESS

Table No. 6.2

PROVINCE/YEAR	(R.s. in Million)				TOTAL
	PUNJAB	SIND	NWFP	BALUCHISTAN	
1976-77	0.790	0.750	0.490	0.120	2.150
1977-78	0.962	0.506	0.387	0.144	1.999
1978-79	1.187	0.808	0.912	0.261	3.168
1979-80	1.845	0.830	1.623	0.179	4.477
1980-81	1.823	1.474	1.715	0.209	5.221
1981-82	2.013	1.136	1.783	0.239	5.171
1982-83	3.271	0.996	1.661	0.288	6.216
1984-84	2.379	1.792	1.961	0.226	6.358
1984-85	2.709	3.664	2.481	0.289	9.143
1985-86	6.331	3.471	2.170	0.252	12.224
1986-87	5.455	3.239	2.131	0.256	11.081

SOURCE:- PAKISTAN POST OFFICE.

REVENUE EARNED THROUGH ROUTE PERMIT FEE

Table No. 6.3

PROVINCE/YEAR	(Rs. in Million)				TOTAL
	PUNJAB	SIND	NWFP	BALUCHISTAN	
1976-77	6.450	6.420	1.680	0.150	14.700
1977-78	6.745	5.487	1.036	0.289	13.557
1978-79	6.733	6.322	2.101	0.252	15.408
1979-80	10.261	9.882	2.684	0.569	23.396
1980-81	10.510	7.390	4.505	0.471	22.876
1981-82	10.079	7.941	4.821	0.351	23.192
1982-83	14.352	9.246	6.933	0.435	30.966
1983-84	17.560	8.954	7.103	0.651	34.258
1984-85	17.468	8.790	7.474	0.784	34.516
1985-86	15.828	9.359	8.311	0.659	34.157
1986-87	15.225	7.798	6.070	0.455	29.548

SOURCE:- PAKISTAN POST OFFICE.

REVENUE EARNED THROUGH TOKEN TAX

Table No. 6.4

PROVINCE/YEAR	(Rs. in Million)				TOTAL
	PUNJAB	SIND	NWFP	BALUCHISTAN	
1976-77	15.840	-	13.200	4.890	33.930
1977-78	24.431	-	11.421	5.848	41.700
1978-79	50.438	-	29.437	8.042	87.917
1979-80	47.781	-	24.191	7.710	79.582
1980-81	52.238	-	28.372	7.757	88.367
1981-82	55.220	-	29.237	8.963	93.420
1982-83	64.137	-	31.844	10.457	106.438
1983-84	68.173	-	38.480	14.029	120.682
1984-85	81.097	-	43.039	19.685	143.821
1985-86	82.015	-	39.975	22.469	144.459
1986-87	92.858	-	42.484	25.685	161.027

SOURCE:- PAKISTAN POST OFFICE.

ESTIMATES OF MANPOWER ENGAGED ON ROAD TRANSPORT

Table No. 7.0

YEAR	PASSENGER TRANSPORT				TOTAL	FREIGHT TRANSPORT			GRAND TOTAL	
	ST. WAGON	BUS	TAXI	RICKSHAW		OTHER	TRUCK	D. VAN		TOTAL
1977	8,152	58,590	11,673	19,991	7,412	105,818	52,777	2,635	55,412	161,230
1978	9,486	62,468	12,564	22,880	8,987	116,385	58,396	3,701	62,097	173,482
1979	11,730	67,648	14,092	26,426	10,829	130,725	64,206	5,299	69,505	200,230
1980	16,184	78,353	16,831	31,973	31,738	175,079	70,006	8,503	78,509	253,678
1981	16,627	83,331	17,797	33,730	41,805	193,290	75,526	9,956	85,482	278,772
1982	18,467	82,789	19,243	34,413	50,762	205,674	82,638	11,924	94,562	300,236
1983	20,899	89,894	20,362	36,239	56,222	223,616	87,180	13,032	100,212	323,828
1984	19,458	92,861	21,226	38,013	51,857	223,415	96,381	16,827	113,208	336,623
1985	26,749	104,448	24,049	36,611	57,555	249,512	113,683	18,484	132,167	381,679
1986	26,535	107,728	21,186	36,469	56,948	248,868	127,660	18,941	146,601	395,469