

## 4-2 Investment Schedule by Mode

### 4-2-1 Modal Shares and Yearly Allocations

As is shown in Table 4-2-1(1) the respective modal shares of the ADP budget (Rs. 40,805 million) in the Sixth Plan period are 39.8% for Road, 7.0% for Road Transport, 33.6% for Railway, 7.3% for Port and 12.2% for Airport. Road and Railway combined occupy about three fourth of the budget. As regard the non-ADP budget (Rs.15,159 million) 10.2%, 22.3% and 67.4% are allocated to Port, Shipping and Aviation respectively in the same period as shown in Table 4-2-1(4). When ADP and non-ADP are added together (Rs. 55,964 million) the modal shares take the following pattern: 29.0% for Road, 5.0% for Road Transport, 24.5% for Railway, 8.1% for Port, 6.1% for Shipping, 8.9% for Airport and 18.3% for Aviation.

Over the entire future periods the respective modal shares in the ADP budget (Rs. 172,912 million) are as under: Road 47.4%, Road Transport 6.3%, Railway 38.5%, Port 2.6% and Airport 5.1%. Likewise, the modal allocations of the non-ADP budget (Rs. 48,579 million) are 9.0% to Port, 23.7% to Shipping and 67.3% to Aviation. When both budgets are merged together (Rs. 173,112 million) Road takes the share of 37.0%, Road Transport 5.0%, Railway 30.1%, Port 4.0%, Shipping 5.2%, Airport 4.0% and Aviation 14.8%.

Investment expenditure on Transport is yearly allocated in parallel with the growth of GDP as is already described. On the "Standard" basis annual financial frameworks in the public sector for 1983-84, 1984-85, 1985-86, 1986-87 and 1987-88 are in million rupees 5,392, 5780, 6,196, 6,642 and 7,121 respectively. (Refer to Table 4-2-1 (2). In the table the financial framework is expressed as GUIDELINE.) On the other hand, final annual budgetary demands are in million rupees 6,604, 7,815, 8,352, 9,137 and 8,897 in the above year order. (In the table the budgetary demand is expressed as ESTIMATED COST.) Thus the budgetary demand in 1983-84 is by 22.5% greater than the guideline. In the same way the demands in 1984-85, 1985-86, 1986-87 and 1987-88 are greater than the guideline by 35.2%, 34.8%, 37.6% and 25.0% respectively. On the "25% Increase" basis percentage differences of the demand vis-a-vis the guideline are -2.0%, 8.2%, 7.8%, 10.1% and -0.0% for the respective years.

Annual allocations of budgetary demands in the semi-public (Non-ADP) sector for 1983-84, 1984-85, 1985-86, 1986-87 and 1987-88 are in million rupees 1,675, 3,298, 2,694, 2,906 and 4,586 respectively, which constitute 57.8%, 106.2%, 80.9%, 81.4% and 119.9% of the corresponding guidelines (Refer to Table 4-2-1(5) ).

When public and semi-public sectors are combined the final budgetary demand in the first year of the Sixth Plan period stands at Rs. 8,279 million. Similarly, the budgetary demands in the second, third, fourth and fifth years stand in million rupees at 11,113, 11,046, 12,043, and 13,490 respectively.

#### 4-2-2 Project-Wise Investment Schedule by Mode

The following tables accommodate the complete lists of the project-wise investment schedules by mode. They encompass the entire future periods, all modes, all relevant projects and both public and semi-public sectors.

In the mode of Road 208 projects are listed as new projects coming under the study, of which 71 are to be started during the Sixth Plan period. (Refer to Table 4-2-2(2).) The project number signifies priority order, and the latter is based upon IRR. "Outside the Study" means a category of the projects in which either the route falls outside the study, or the investment cost is less than ten million rupees. Table 4-2-2(1) is a summary of investment in Road by time and by province.

In the mode of Railway 68 projects are designated as new projects, of which 28 are to be commenced during the next Plan period. They are rated A because of the urgency of their implementation to cater for the expanded rail traffic. Rank B is given to the 18 projects that will be started in the Seventh Plan period, and the remaining 22 projects which are ranked C will be started beyond the Seventh Plan period. Railway projects are divided into 6 groups, i.e., signalling, electrification, track doubling, track renewal, station improvement and rolling stock. Besides, minor projects of maintenance nature are taken into account and allotted the budget corresponding to ten percent of the entire budget for the identified new projects. (Refer to Table 4-2-2(4).)

In the mode of Road Transport the purchase of buses for the transportation of inter-city traffic and also the purchase of trucks for replacement by NLC constitute the two pillar projects which cannot be left undone. The projects related to PUTC and KTC are not specifically identified since they are out of the scope of the study. (Refer to Table 4-2-2(3).)

In PQA an early completion of the present phase of port construction is a first priority. New projects pertaining to the construction of fertilizer and wheat terminals are of the primary importance to meet the expanding seaborne trade. Gwadar mini-port and Marine Academy projects which belong to the public sector are also rated high because of their long-range effects. (Refer to Table 4-2-2(5).)

In Airport the projects related to Karachi, Islamabad and Lahore Airports have a foremost priority to cope with the rapidly increasing air traffic in functional as well as physical terms. The projects for Peshawar, Nawabshah and Gwadar Airports are also ranked A in importance and urgency. Airport is one of the modes suffering from heavy backlog of improvement/expansion needs. (Refer to Table 4-2-2(6).)

Turning to semi-public sector, both KPT and PNSC are confronted with a pressing need of "containerization" of related equipment and facilities. In PIA a big amount of investment in aircraft equipment is recommended to remain competitive in the year to come. (Refer to Tables 4-2-2(7), 4-2-2(8) and 4-2-2(9).)

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As for the detailed explanation of the projects in physical terms, refer to the modal plans of Chapt.VI for Masterplan and Chapt. VIII for the Sixth Plan.

TABLE 4-2-1 (1) SUMMARY INVESTMENT SCHEDULE ---ADP---

(MILLION RPS, FINANCIAL, 1981 PRICE)

MODE	ALLOCATION 1982 -83	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88
			1983 -84	1984 -85	1985 -86	1986 -87	1987 -88		
ROAD	1752	81939	1975	2874	3519	4019	3868	16255	65684
ROAD TRANSPORT	208	10991	621	579	517	557	594	2868	8123
RAILWAY	1300	66694	2292	2461	2721	3053	3194	13721	52973
PORT	709	4583	838	902	583	471	205	2999	1584
SHIPPING	0	0	0	0	0	0	0	0	0
AIRPORT	270	8905	878	999	1012	1037	1036	4962	3943
AVIATION	0	0	0	0	0	0	0	0	0
TOTAL	4239	173112	6604	7815	8352	9137	8897	40805	132307
		SHARE							
ROAD	41.3	47.3	29.9	36.8	42.1	44.0	43.5	39.8	49.6
ROAD TRANSPORT	4.9	6.3	9.4	7.4	6.2	6.1	6.7	7.0	6.1
RAILWAY	30.7	38.5	34.7	31.5	32.6	33.4	35.9	33.6	40.0
PORT	16.7	2.6	12.7	11.5	7.0	5.2	2.3	7.3	1.2
SHIPPING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AIRPORT	6.4	5.1	13.3	12.8	12.1	11.3	11.6	12.2	3.0
AVIATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

NOTE: THE AMOUNT OF FEC IS NOT AVAILABLE FOR THE PROJECTS FALLING OUTSIDE THE STUDY

TABLE 4-2-1 (2) INVESTMENT CHECK LIST (MILLION RPS, FINANCIAL/1981 PRICE) ---ADP---

MODE	ESTIMATED COST TOTAL	--- ALLOCATION DURING 1983-88 ---							TOTAL 1983 -88	BEYOND 1987 -88		
		1983 -84	1984 -85	1985 -86	1986 -87	1987 -88	1988					
ROAD	ESTIMATED COST	81939	13654									
	GUIDELINE	70487	0									
	DIFFERENCE RATIO (%)	11452 116.2	0.0									
ROAD TRANSPORT	ESTIMATED COST	10991	4161									
	GUIDELINE	11709	0									
	DIFFERENCE RATIO (%)	-718 93.9	0.0									
RAILWAY	ESTIMATED COST	66694	27181									
	GUIDELINE	61677	0									
	DIFFERENCE RATIO (%)	-5017 108.1	0.0									
PORT	ESTIMATED COST	4583	2794									
	GUIDELINE	9857	0									
	DIFFERENCE RATIO (%)	-5274 46.5	0.0									
SHIPPING	ESTIMATED COST	0	0									
	GUIDELINE	0	0									
	DIFFERENCE RATIO (%)	0	0.0									
AIRPORT	ESTIMATED COST	8905	5556									
	GUIDELINE	9125	0									
	DIFFERENCE RATIO (%)	-220 97.6	0.0									
AVIATION	ESTIMATED COST	0	0									
	GUIDELINE	0	0									
	DIFFERENCE RATIO (%)	0	0.0									
TOTAL	ESTIMATED COST	173112	53346									
	GUIDELINE	162855	0									
	DIFFERENCE RATIO (%)	10257 106.3	0.0									

TABLE 4-2-1 (3) SUMMARY INVESTMENT SCHEDULE (MILLION RPS, FINANCIAL, 1981 PRICE) ---ADP---

MODE	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---						TOTAL 1983 -88	BEYOND 1987 -88
		1983 -84	1984 -85	1985 -86	1986 -87	1987 -88	1987 -88		
ROAD	46295 897 34747 81939	1512 275 1087 2874	2343 11 1165 3519	2765 5 1249 4019	2526 2 1340 3868	9503 897 5855 16255	36792 0 28892 65684		
ROAD TRANSPORT	7305 0 3686 10991	414 0 165 579	339 0 178 517	366 0 191 557	390 0 204 594	1975 0 893 2868	5330 0 2793 8123		
RAILWAY	59267 1500 5927 66694	1174 1000 118 2292	2473 500 178 2721	2775 0 278 3053	2904 0 290 3194	11109 1500 1112 13721	48158 0 4815 52973		
PORT	3415 1168 0 4583	115 723 0 838	583 0 0 583	471 0 0 471	205 0 0 205	1831 1168 0 2999	1584 0 0 1584		
SHIPPING	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0		
AIRPORT	8791 114 0 8905	764 114 0 878	1012 0 0 1012	1037 0 0 1037	1036 0 0 1036	4848 114 0 4962	3943 0 0 3943		
AVIATION	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0		
TOTAL	125073 3679 44360 173112	5216 1130 0 53346	5165 1220 1430 7815	6750 11 1591 8352	7414 5 1718 9137	29266 3679 7860 40805	95807 0 36500 132307		

TABLE 4-2-1 (4) SUMMARY INVESTMENT SCHEDULE --NON ADP--

(MILLION RPS, FINANCIAL, 1981 PRICE)

MODE	ALLOCATION 1982 -83	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---						TOTAL 1983 -88	BEYOND 1987 -88
			1983 -84	1984 -85	1985 -86	1986 -87	1987 -88	1988		
ROAD	0	0	0	0	0	0	0	0	0	
ROAD TRANSPORT	123	0	0	0	0	0	0	0	0	
RAILWAY	0	0	0	0	0	0	0	0	0	
PORT	0	4357	95	168	334	400	556	1553	2804	
SHIPPING	48	11522	200	430	680	1646	430	3386	8136	
AIRPORT	0	0	0	0	0	0	0	0	0	
AVIATION	295	32700	1380	2700	1680	860	3600	10220	22480	
TOTAL	466	48579	1675	3298	2694	2906	4586	15159	33420	
		SHARE								
ROAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ROAD TRANSPORT	26.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
RAILWAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PORT	0.0	9.0	5.7	5.1	12.4	13.8	12.1	10.2	8.4	
SHIPPING	10.3	23.7	11.9	13.0	25.2	56.6	9.4	22.3	24.3	
AIRPORT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
AVIATION	63.3	67.3	82.4	81.9	62.4	29.6	78.5	67.4	67.3	
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 4-2-1 (5) INVESTMENT CHECK LIST --NON ADP--  
(MILLION RPS, FINANCIAL, 1981 PRICE)

MODE	ESTIMATED COST TOTAL	ESTIMATED COST FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88
			1983 -84	1984 -85	1985 -86	1986 -87	1987 -88		
ROAD	0	0	0	0	0	0	0	0	
ROAD TRANSPORT	0	0	0	0	0	0	0	0	
RAILWAY	0	0	0	0	0	0	0	0	
PORT	4357	2896	95	168	334	400	556	2804	
SHIPPING	11522	11522	200	430	680	1646	430	8136	
AIRPORT	0	0	0	0	0	0	0	0	
AVIATION	32700	32700	1380	2700	1680	860	3600	22480	
TOTAL	48579	47118	1675	3298	2694	2906	4586	33420	
	60923	0	2896	3106	3328	3569	3826	44198	
	-12344	0	-1221	192	-634	-663	760	-10778	
	79.7	0.0	57.8	106.2	80.9	81.4	119.9	75.6	
	108.5	0.0	42.8	70.6	131.0	146.0	189.8	102.6	
	17059	0	892	957	1025	1099	1179	11907	
	-5537	0	-692	-527	-345	547	-749	-3771	
	67.5	0.0	22.4	44.9	66.3	149.8	36.5	68.3	
	39848	0	1782	1911	2048	2196	2354	29357	
	-7148	0	-402	789	-368	-1336	1246	-7077	
	82.1	0.0	77.4	141.3	82.0	39.2	152.9	76.1	
	17059	0	892	957	1025	1099	1179	11907	
	-5537	0	-692	-527	-345	547	-749	-3771	
	67.5	0.0	22.4	44.9	66.3	149.8	36.5	68.3	
	32700	32700	1380	2700	1680	860	3600	22480	
	39848	0	1782	1911	2048	2196	2354	29357	
	-7148	0	-402	789	-368	-1336	1246	-7077	
	82.1	0.0	77.4	141.3	82.0	39.2	152.9	76.1	
	48579	47118	1675	3298	2694	2906	4586	33420	
	60923	0	2896	3106	3328	3569	3826	44198	
	-12344	0	-1221	192	-634	-663	760	-10778	
	79.7	0.0	57.8	106.2	80.9	81.4	119.9	75.6	



TABLE 4-2-2 (1) ROAD INVESTMENT SCHEDULE BY PROVINCE ---ADP---  
 (MILLION RPS, FINANCIAL, 1981 PRICE)

PROVINCE	ALLOCATION 1982 -83	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88
			1983 -84	1984 -85	1985 -86	1986 -87	1987 -88		
FEDERAL	968	37691 8568	975	1578	2047	2419	2290	9309	28382
PUNJAB	280	21509 2939	387	525	572	561	615	2660	18849
SIND	276	11383 752	312	381	409	447	453	2002	9381
N.W.F.P	159	6633 370	228	255	300	325	316	1424	5209
BALUCHISTAN	69	4723 1025	73	135	191	267	194	860	3863
TOTAL	1752	81939 13654	1975	2874	3519	4019	3868	16255	65684
		SHARE							
FEDERAL	55.3	46.0 62.8	49.4	54.9	58.2	60.2	59.2	57.3	43.2
PUNJAB	16.0	26.3 21.5	19.6	18.3	16.3	14.0	15.9	16.4	28.7
SIND	15.8	13.9 5.5	15.8	13.3	11.6	11.1	11.7	12.3	14.3
N.W.F.P	9.1	8.1 2.7	11.5	8.9	8.5	8.1	8.2	8.8	7.9
BALUCHISTAN	3.9	5.8 7.5	3.7	4.7	5.4	6.6	5.0	5.3	5.9
TOTAL	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE ---ADP---

(MILLION RPS, FINANCIAL, 1981 PRICE)

NAME OF PROJECTS	ESTIMATED COST TOTAL					--- ALLOCATION DURING 1983-88 ---					TOTAL 1983-88	BEYOND 1987-88	UP TO 1982-83
	TOTAL	FEC	1983-84	1984-85	1985-86	1986-87	1987-88	1983-88	1987-88				
1 ON-GOING PROJECT GHAZI GHAT BRIDGE OVER RIVER INDUS	6	0	6	0	0	0	0	0	0	6	0	254	
2 ON-GOING PROJECT PROVIDING CARPETTED DUAL C/WAY FROM MILE 169/4 TO 201/4	30	0	30	0	0	0	0	0	0	30	0	86	
3 ON-GOING PROJECT SPECIAL REPAIRS KARACHI-HYDERABAD SUPER HIGHWAY N.W.F.P.	49	0	30	19	0	0	0	0	0	49	0	75	
4 ON-GOING PROJECT CONST. OF DUAL C/WAY BETWEEN NOWSHERA-PESHAWAR	63	7	40	23	0	0	0	0	0	63	0	69	
5 ON-GOING PROJECT IMP. & B/TOP PING OF DARAZINDA MUGHALKOT ROAD, MILE 9/43 35MILE	5	0	5	0	0	0	0	0	0	5	0	22	
6 ON-GOING PROJECT CONST. OF D.I.KHAN-DARYA KHAN BRIDGE OVER RIVER INDUS	165	19	80	85	0	0	0	0	0	165	0	221	
7 ON-GOING PROJECT IMP. OF QUETTA-SIBI SEE (N 65)	40	0	20	20	0	0	0	0	0	40	0	32	
8 ON-GOING PROJECT IMP. AND WIDENING OF QUETTA- CHAMAN ROAD MILE 15-69 (N-25)	13	0	13	0	0	0	0	0	0	13	0	6	
9 ON-GOING PROJECT CONST. OF SIND HAMID-LORA BRIDGE ON N-25 AT MILE 39.	6	0	6	0	0	0	0	0	0	6	0	4	
10 ON-GOING PROJECT THIRD H/WAY PROJECT	236	37	150	86	0	0	0	0	0	236	0	408	
11 ON-GOING PROJECT RD. CHAKDARA-CHITRAL 227 K.M. (REVISED P.C.-1.)	144	29	144	0	0	0	0	0	0	144	0	425	
12 ON-GOING PROJECT W/R OF NAWABSHAH-SANGHAR ROAD (SIND)	5	0	3	2	0	0	0	0	0	5	0	16	
13 ON-GOING PROJECT RECONDITIONING OF BADIN SUJAWAL THATTA ROAD (-DO-)	1	0	1	0	0	0	0	0	0	1	0	10	
14 ON-GOING PROJECT RECONDITIO- NING OF TANDO GHULAM ALI ROAD (-DO-)	3	0	3	0	0	0	0	0	0	3	0	10	

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE

---ADP---

(MILLION RPS, FINANCIAL, 1981 PRICE)

ROAD

NAME OF PROJECTS	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 1988 -88	BEYOND 1987 -88	UP TO 1982 -83
		1983 -84	1984 -85	1985 -86	1986 -87	1987 -88			
15 ON-GOING PROJECT RECONDITIONING OF GUPJANI SHAHADPUR ROAD (-DO-)	10	3	3	3	1	0	0	3	
16 ON-GOING PROJECT RECONDITIONING OF HALA SHAHADPUR ROAD (-DO-)	10	3	3	3	1	0	0	4	
17 ON-GOING PROJECT S/R OF KARACHI-HYDERABAD SUPER HIGH- WAY, 1ST PRIORITY 52/0-92/0	14	3	3	3	3	2	0	32	
18 ON-GOING PROJECT W/R OF UBAURO GUDDO RD. (51 KM) (-DO-)	8	3	3	2	0	0	0	12	
19 ON-GOING PROJECT CONSTRUCTION OF BRIDGE OVER BADA KHAWAR IN MILE-10, SWABI, TOPI RD.(NWFP)	7	7	0	0	0	0	0	9	
20 ON-GOING PROJECT IMPROVEMENT OF KOHAT THAL ROAD (37.00 MILES) (-DO-)	8	8	0	0	0	0	0	2	
21 ON-GOING PROJECT IMPROVEMENT & WIDENING OF D.I.KHAN-BANNU RD. (23 MILES) (-DO-)	5	5	0	0	0	0	0	12	
22 ON-GOING PROJECT IMPROVEMENT /WIDENING OF BANNU-D.I.KHAN RD TAJAZAI FEZU (22 MILES) (-DO-)	9	6	3	0	0	0	0	11	
23 ON-GOING PROJECT CONSTRUCTION OF DUAL CARRIAGE- WAY NOWSHERA-MARDAN (-DO-)	35	18	17	0	0	0	0	6	
24 ON-GOING PROJECT CONSTRUCTION OF LORALAI D.G. KHAN ROAD (BULUCHISTAN)	7	7	0	0	0	0	0	123	
25 ON-GOING PROJECT CONST OF KANKI BRIDGE (-DO-)	2	2	0	0	0	0	0	17	
26 ON-GOING PROJECT CONSTRUCTION OF SIBI HARNAI ROAD (-DO-)	16	8	8	0	0	0	0	1	
27 JACOBABAD - S/B BOUND 652013	43	3	5	2	0	0	0	33	
28 ROHRI - SHIKARPUR 652011	251	21	35	14	0	0	0	182	

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE

---ADP---

(MILLION RPS, FINANCIAL 1981 PRICE)

ROAD	NAME OF PROJECTS	ESTIMATED COST		--- ALLOCATION DURING 1983-88 ---					TOTAL	BEYOND
		TOTAL	FEC	1983-84	1984-85	1985-86	1986-87	1987-88	1983-88	1987-88
29	KABIRWALA - KHANEWAL 51008	99	30	12	19	8	0	0	38	61
30	KOHAT - PESHAWAR 3021	84	27	25	42	17	0	0	84	0
31	PINDI BHATTIAN - GUJRANWALA 111091	674	207	70	117	47	0	0	234	440
32	KOTRI - HYDERABAD 52002	100	33	30	50	20	0	0	100	0
33	JATTA - KOHAT 3020	70	18	21	35	14	0	0	70	0
34	PINDI BHATTIAN - SARGODHA 001058	191	54	28	47	19	0	0	94	96
35	LODHARAN - MULTAN 51006	573	181	0	70	117	47	0	235	338
36	DADU - LARKANA 2015	150	45	0	45	75	30	0	150	0
37	KHANEWAL - CHICHAWATNI 51009	671	202	0	61	107	107	30	305	366
38	JHANG - CHINIOT 111089	618	190	0	74	124	50	0	248	370
39	MORO - KHAIRPUR 52006	682	215	0	136	239	239	68	682	0
40	MULTAN - KABIRWALA 51007	327	101	0	65	114	114	33	327	0
41	KHAIRPUR - ROHRI 52007	204	59	0	61	102	41	0	204	0
42	SHIKARPUR - JACOBABAD 652012	342	103	0	30	51	20	0	101	240

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE ---ADP---

ROAD		(MILLION RPS, FINANCIAL-1981 PRICE)									
NAME OF PROJECTS	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983-88	BEYOND 1987-88			
		1983-84	1984-85	1985-86	1986-87	1987-88					
43 KARACHI - KOTRI 52001	977 320	0	195	342	342	98	977	0			
44 JAJAZAI - BANNU 3018	83 18	0	0	25	42	17	83	0			
45 KARAMAD-GURESHI - MUZAFFARGARH 001052	91 27	0	0	16	26	10	52	39			
46 B/P BOUND - BEWATA 001041	28 8	0	0	5	9	4	18	10			
47 KABIRWALA - JHANG 001054	1031 295	0	0	77	135	135	346	685			
48 CHOWK MUNDA - SARAI KRISHMA 111093	165 49	0	0	50	83	33	165	0			
49 HYDERABAD - HALA 52003	380 123	0	0	76	133	133	342	38			
50 MUZAFFZRGARH - CHOWK MUNDA 111092	102 29	0	0	31	51	20	102	0			
51 ATTOCK - JEANGIRA 53001	183 46	0	0	24	40	16	81	102			
52 CHICHAWATNI - SAHIWAL 51010	448 136	0	0	54	94	94	241	207			
53 TRINDA - CHANI GOTH 51003	102 30	0	0	0	13	22	35	67			
54 S/P BOUND - RAHIMYAR KHAN 51001	359 112	0	0	0	53	88	141	218			
55 S/B BOUND - SIBI 654009	1459 413	0	0	0	109	109	218	1241			
56 LARKANA - SHIKARPUR 2016	82 24	0	0	0	14	24	38	44			

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE ---ADP---  
(MILLION RPS, FINANCIAL, 1981 PRICE)

ROAD	NAME OF PROJECTS	ESTIMATED COST		--- ALLOCATION DURING 1983-88 ---					TOTAL	BEYOND
		TOTAL	FEC	1983-84	1984-85	1985-86	1986-87	1987-88	1983-88	1987-88
57	CHINIOT - PINDI BHATTIAN 111090	268	79	0	0	0	33	54	87	181
58	CHANI GOTH - BAHAWALPUR 51004	591	180	0	0	0	53	92	145	446
59	HARIPUR - ABBOTTABAD 353006	405	110	0	0	0	81	142	223	182
60	MUZAFFARGARH - MULTAN 001053	248	77	0	0	0	74	124	198	50
61	D.I.KHAN - JAJAZAI 3017	181	48	0	0	0	33	55	88	93
62	T.M.RANAH - MUZAFFARGARH 001043	374	104	0	0	0	0	75	75	299
63	KOTRI - DADU 2014	280	84	0	0	0	56	98	154	126
64	LORALAI - B/P BOUND 4012	505	150	0	0	0	0	81	81	424
65	SARAI KRISHMA - P/N BOUND 001040	87	25	0	0	0	0	16	16	71
66	BEWATA - D.G.KHAN 001042	290	86	0	0	0	0	65	65	225
67	N/B BOUND - GILA SAIFULLAH 504007	160	48	0	0	0	0	28	28	133
68	D.I.KHAN - N/B BOUND 503010	219	62	0	0	0	0	23	23	195
69	BANNU - JATTA 3019	175	44	0	0	0	0	30	30	145
70	GUETTA - DALBANDIN 4013	468	145	0	0	0	0	62	62	406

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE ----ADP----  
 ROAD (MILLION RPS, FINANCIAL, 1981 PRICE)

NAME OF PROJECTS	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---				TOTAL 1983 -88	BEYOND 1987 -88
		1983 -84	1984 -85	1985 -86	1986 -87		
71 DALBANDIN - IRAN BOUND 4014	450	137	0	0	0	58	392
72 LORALAI - QILA SAIFULLAH 4022	118	34	0	0	0	35	83
73 BAHAWALNAGAR - ARIFWALA 001067	304	95	31	51	21	0	201
74 SHEIKHUPURA - GUJRANWALA 001061	125	35	30	51	20	0	23
75 FAISALABAD - JHANG 001037	714	220	0	73	122	49	470
76 FAISALABAD - CHINIOT 001070	316	96	0	0	33	56	205
77 GUJRANWALA - SIALKOT 001062	179	49	0	0	0	54	35
78 BAHAWALPUR - HASSALPUR 001065	134	35	0	0	0	0	94
79 HASSALPUR - BAHAWALNAGAR 001066	111	29	0	0	0	15	96
80 ARIFWALA - SAHIWAL 001068	53	15	0	0	0	16	38
81 SAKLAND - NAWABSHAH 2026	55	15	8	13	5	0	29
82 TANDO ALLAYAR - MIRPUR KHAS 2021	78	27	11	19	7	0	41
83 HALA - SHAHDADPUR 112043	82	23	17	29	11	0	25
84 SHAHDADPUR - SANGHAR 112044	104	30	0	22	36	14	31

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE ---ADP---

(MILLION RPS, FINANCIAL/1981 PRICE)

ROAD	NAME OF PROJECTS	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88	
			1983 -84	1984 -85	1985 -86	1986 -87	1987 -88			
85	TANDO M.KHAN - MATLI 2035	29	8	0	9	14	6	0	29	0
86	GUPCHANI - SANGHAR 2028	56	17	0	0	17	28	11	56	0
87	SUJWAL - THATTA 2033	44	13	0	0	13	22	9	44	0
88	MIRPUR KHAS - DIGRI 2030	80	24	0	0	0	24	40	64	16
89	BADIN - SUJWAL 2032	173	50	0	0	0	32	53	85	88
90	MARDAN - CHAKDARA 3024	116	28	29	48	19	0	0	96	20
91	CHAKDARA - SAIDU SHARIF 3030	70	17	0	21	35	14	0	70	0
92	KABUL - KOHAT 3014	307	96	0	0	61	108	108	277	30
93	JAJAZAI - N/P BOUND 3012	25	8	0	0	8	13	4	25	0
94	HOSHAB - PIDAPAK 4016	70	22	21	35	14	0	0	70	0
95	BELA - HOSHAB 4015	268	80	0	54	94	94	26	268	0
96	QUETTA - LORALAI 4011	309	95	0	0	43	72	28	143	166
97	PIDARAK - PASANI 4021	189	55	0	0	0	57	94	151	38
98	HALA - SAKLAND 52004	238	77	0	0	0	0	0	0	238



TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE (MILLION RPS, FINANCIAL/1981 PRICE)

ROAD	NAME OF PROJECTS	ESTIMATED COST TOTAL	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88
			1983 -84	1984 -85	1985 -86	1986 -87	1987 -88		
99	SAKLAND - MORO 52005	533	0	0	0	0	0	0	533
100	ROHRI - UBAURO 52008	701	0	0	0	0	0	0	701
101	UBAURO - S/P BOUND 52009	93	0	0	0	0	0	0	93
102	RAHIMYAR KHAN - ROHRI 51002	872	0	0	0	0	0	0	872
103	BAHAWALPUR - LODHRAN 51005	428	0	0	0	0	0	0	428
104	SAHIWAL - OKARA 51011	244	0	0	0	0	0	0	244
105	OKARA - LAHORE 51012	990	0	0	0	0	0	0	990
106	LAHORE - GUJRANWALA 51013	1162	0	0	0	0	0	0	1162
107	GUJRANWALA - WAZIRABAD 51014	282	0	0	0	0	0	0	282
108	WAZIRAGAD - GUJRAT 51015	363	0	0	0	0	0	0	363
109	GUJRAT - JHELUM 51016	922	0	0	0	0	0	0	922
110	JHELUM - SOHAWA 51017	555	0	0	0	0	0	0	555
111	SOHAWA - MANDRA 51018	268	0	0	0	0	0	0	268
112	MANDRA - RAWALPINDI 51019	331	0	0	0	0	0	0	331

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE

---ADP---

(MILLION RPS, FINANCIAL/1981 PRICE)

ROAD	NAME OF PROJECTS	ESTIMATED COST TOTAL	FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88
				1983 -84	1984 -85	1985 -86	1986 -87	1987 -88		
113	RAWALPINDI - TARNAUL 51020	79	27	0	0	0	0	0	0	79
114	TARNAUL - HASANABDAL 51021	324	96	0	0	0	0	0	0	324
115	HASANABDAL - ATTOCK 51022	675	188	0	0	0	0	0	0	675
116	JEHANGIRA - NOWSHERA 53002	269	68	0	0	0	0	0	0	269
117	NOWSHERA - PESHAWAR 53003	163	39	0	0	0	0	0	0	163
118	PESHAWAR - AFGHAN BOUND 53004	208	63	0	0	0	0	0	0	208
119	KARACHI - S/P BOUND 252010	227	63	0	0	0	0	0	0	227
120	S/B BOUND - WINGAI 254001	224	67	0	0	0	0	0	0	224
121	WINGAI - BELA 254002	164	51	0	0	0	0	0	0	164
122	BELA - SURAB 254003	89	27	0	0	0	0	0	0	89
123	SURAB - KALAT 254004	262	77	0	0	0	0	0	0	262
124	KALAT - QUETTA 254005	314	90	0	0	0	0	0	0	314
125	QUETTA - AFGHAN BOUND 254006	136	37	0	0	0	0	0	0	136
126	HASANABDAL - P/N BOUND 351023									

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE

----ADP----

(MILLION RPS, FINANCIAL, 1981 PRICE)

ROAD

NAME OF PROJECTS	ESTIMATED COST TOTAL PEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88
		1983 -84	1984 -85	1985 -86	1986 -87	1987 -88		
127 P/N BOUND - HARIPUR 353005	77	18	0	0	0	0	0	77
128 ABBOTTABAD - MANSEHRA 353007	30	8	0	0	0	0	0	30
129 MANSEHRA - BESHAM 353008	94	29	0	0	0	0	0	94
130 BESHAM - SAZIN 353009	169	46	0	0	0	0	0	169
131 QILA SAIFULLAH - QUETTA 504008	77	24	0	0	0	0	0	77
132 SIBI - QUETTA 654010	1352	402	0	0	0	0	0	1352
133 RAWALPINDI - MURREE 001024	105	31	0	0	0	0	0	105
134 MURREE - P/N BOUND 001025	16	5	0	0	0	0	0	16
135 N/P BOUND - KALABAGH 001026	59	18	0	0	0	0	0	59
136 KALABAGH - MINAWALI 001027	241	57	0	0	0	0	0	241
137 N/P BOUND - KALABAGH 001028	30	9	0	0	0	0	0	30
138 N/P BOUND - BASAL 001029	128	33	0	0	0	0	0	128
139 BASAL - FATEH JANG 001030	104	28	0	0	0	0	0	104
140 FATEH JANG - TARNAUL 001031	74	20	0	0	0	0	0	74

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE  
 (MILLION RPS, FINANCIAL/1981 PRICE)

ROAD	NAME OF PROJECTS	ESTIMATED COST TOTAL	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88
			1983 -84	1984 -85	1985 -86	1986 -87	1987 -88		
141	S/P BOUND - D.G.KHAN 001032	406	110	0	0	0	0	0	406
142	D.G.KHAN - SHADAN LUND 001033	157	43	0	0	0	0	0	157
143	SHADAN LUND - P/N BOUND 001034	180	55	0	0	0	0	0	180
144	LAHORE - SHEIKHUPURA 001035	249	79	0	0	0	0	0	249
145	SHEIKHUPURA - FAISALABAD 001036	202	60	0	0	0	0	0	202
146	JHANG - ATHARA HAZARI 001038	56	15	0	0	0	0	0	56
147	ATHARA HAZARI - SARAI KRISHNA 001039	37	11	0	0	0	0	0	37
148	MUZAFFARGARH - RANGPUR 001044	95	29	0	0	0	0	0	95
149	RANGPUR - ATHARA HAZARI 001045	103	32	0	0	0	0	0	103
150	ATHARA HAZARI - KHUSHAB 001046	54	16	0	0	0	0	0	54
151	KHUSHAB - PAIL 001047	145	40	0	0	0	0	0	145
152	PAIL - CHAKWAL 001048	138	39	0	0	0	0	0	138
153	CHAKWAL - MANDRA 001049	133	34	0	0	0	0	0	133
154	LAHORE - INDO 001050	123	30	0	0	0	0	0	123

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE ---ADP---

ROAD		(MILLION RPS, FINANCIAL/1981 PRICE)						
NAME OF PROJECTS	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88
		1983 -84	1984 -85	1985 -86	1986 -87	1987 -88		
155 D.G.KHAN - KARAMAD/QURESHI 001051	161 50	0	0	0	0	0	0	161
156 JHANG - SARGODHA 001055	555 160	0	0	0	0	0	0	555
157 SARGODHA - GUJRAT 001056	453 109	0	0	0	0	0	0	453
158 SHEIKHUPURA - PINDI BHATTIAN 001057	489 146	0	0	0	0	0	0	489
159 SARGODHA - KHUSHAB 001059	12 3	0	0	0	0	0	0	12
160 KHUSHAB - MIANWALI 001060	166 44	0	0	0	0	0	0	166
161 SIALKOT - WAZIRABAD 001063	122 33	0	0	0	0	0	0	122
162 LAHORE - FAISALABAD 001064	154 43	0	0	0	0	0	0	154
163 SUMUNDRI - FAISALABAD 001069	88 23	0	0	0	0	0	0	88
164 CHINIOT - SARGODHA 001071	577 165	0	0	0	0	0	0	577
165 RAHIMYAR KHAN - CHANI GOTH 001072	147 44	0	0	0	0	0	0	147
166 BAHAWAL NAGAR - BUNGZ HAYAT 001073	157 47	0	0	0	0	0	0	157
167 DIPALPUR - OKARA 001074	21 6	0	0	0	0	0	0	21
168 VAHARI - HASSALPUR 001075	48 15	0	0	0	0	0	0	48

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE ---ADP---

(MILLION RPS, FINANCIAL-1981 PRICE)

ROAD	NAME OF PROJECTS	ESTIMATED COST TOTAL	FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983- -88	BEYOND 1987 -88
				1983- -84	1984- -85	1985- -86	1986- -87	1987- -88		
169	KAHNEWAL - JAHANIAN 001076	58	16	0	0	0	0	0	0	58
170	JAHANIAN - LODHRAN 001077	106	30	0	0	0	0	0	0	106
171	MULTAN - JAHANIAN 111078	70	19	0	0	0	0	0	0	70
172	JAHANIAN - VEHARI 111079	99	28	0	0	0	0	0	0	99
173	VEHARI - BUREWALA 111080	68	18	0	0	0	0	0	0	68
174	BUREWALA - ARIFWALA 111081	70	19	0	0	0	0	0	0	70
175	ARIFWALA - BUNGA HAYAT 111082	57	18	0	0	0	0	0	0	57
176	BUNGA HAYAT - DIPALPUR 111083	23	7	0	0	0	0	0	0	23
177	DIPALPUR - LAHORE 111084	122	39	0	0	0	0	0	0	122
178	SUMUNDRI - RAJANA 111085	74	19	0	0	0	0	0	0	74
179	BUREWALA - CHICHAWATNI 111086	61	18	0	0	0	0	0	0	61
180	CHICHAWATNI - RAJANA 111087	72	20	0	0	0	0	0	0	72
181	RAJANA - JHANG 111088	58	18	0	0	0	0	0	0	58
182	SARAI KRISHMA - MIANWALI 111094	183	54	0	0	0	0	0	0	183

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE

ROAD

(MILLION RPS, FINANCIAL, 1981 PRICE)

183	NAME OF PROJECTS	ESTIMATED COST TOTAL	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88
			1983 -84	1984 -85	1985 -86	1986 -87	1987 -88		
	MIANWALI - TALAGANG 111095	212	0	0	0	0	0	0	212
184	PAIL - TALAGANG 111096	97	0	0	0	0	0	0	97
185	TALAGANG - BASAL 111097	190	0	0	0	0	0	0	190
186	BASAL - ATTOCK 111098	206	0	0	0	0	0	0	206
187	TALAGANG - FATEH JANG 111099	90	0	0	0	0	0	0	90
188	SOHAWA - CHAKWAL 111100	75	0	0	0	0	0	0	75
189	CHAKWAL - TALAGANG 111101	129	0	0	0	0	0	0	129
190	JHANG - SUMUNDRI 111102	37	0	0	0	0	0	0	37
191	SUMUNDRI - OKARA 111103	105	0	0	0	0	0	0	105
192	SHADAN LUND - KOT ADDU 111104	34	0	0	0	0	0	0	34
193	KOT ADDU - CHOWK MUNDA 111105	33	0	0	0	0	0	0	33
194	CHOWK MUNDA - PANGPUR 111106	12	0	0	0	0	0	0	12
195	KARAMAD GURESHI - KOT ADDU 111107	55	0	0	0	0	0	0	55
196	SHIKARPUR - KUND KOT 2017	44	0	0	0	0	0	0	44

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE

---ADP---

(MILLION RPS, FINANCIAL-1981 PRICE)

ROAD	NAME OF PROJECTS	ESTIMATED COST TOTAL	FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88
				1983 -84	1984 -85	1985 -86	1986 -87	1987 -88		
197	KUND KOT - KASHMOR 2018	59	17	0	0	0	0	0	0	59
198	KASHMOR - S/P BOUND 2019	3	1	0	0	0	0	0	0	3
199	HYDERABAD - TANDO ALLAYAR 2020	84	28	0	0	0	0	0	0	84
200	MIRPUR KHAS - UMAR KOT 2022	129	38	0	0	0	0	0	0	129
201	KARACHI - THATTA 2023	251	71	0	0	0	0	0	0	251
202	THATTA - HYDERABAD 2024	205	52	0	0	0	0	0	0	205
203	DADU - MORO 2025	232	73	0	0	0	0	0	0	232
204	NAWABSHAH - GUPCHANI 2027	28	8	0	0	0	0	0	0	28
205	SANGHAR - MIRPUR KHAS 2029	132	39	0	0	0	0	0	0	132
206	DIGRI - BADIN 2031	63	20	0	0	0	0	0	0	63
207	HYDERABAD -TANDO MOHAMMAD KHAN 2034	59	18	0	0	0	0	0	0	59
208	MATRI - BADIN 2036	92	27	0	0	0	0	0	0	92
209	GUPCHANI - SHAHDADPUR 2037	16	5	0	0	0	0	0	0	16
210	SHAHADADPUR - TANDO ALLAYAR 2038	89	26	0	0	0	0	0	0	89



TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE

---ADP---

ROAD		(MILLION RPS, FINANCIAL, 1981 PRICE)									
NAME OF PROJECTS	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88			
		1983 -84	1984 -85	1985 -86	1986 -87	1987 -88					
211 TANDO ALLAYAR - TOALI 2039	59 18	0	0	0	0	0	0	59			
212 TOALI - MATLI 2040	38 12	0	0	0	0	0	38				
213 TANDO M.KHAN - SUJWAL 2041	100 31	0	0	0	0	0	100				
214 KASHMOR - UBAURO 2042	40 12	0	0	0	0	0	40				
215 LARKANA - JACOBABAD 112045	54 16	0	0	0	0	0	54				
216 JACOBABAD - KUND KOT 112046	65 20	0	0	0	0	0	65				
217 CHARDARA - DIR 3025	142 42	0	0	0	0	0	142				
218 P/N BOUND - ABBOTTABAD 3011	74 22	0	0	0	0	0	74				
219 JATTA - N/P BOUND 3013	33 11	0	0	0	0	0	33				
220 KOHAT - N/P BOUND 3015	49 14	0	0	0	0	0	49				
221 P/N BOUND - D.I.KHAN 3016	45 14	0	0	0	0	0	45				
222 P/N BOUND - D.I.KHAN 3022	20 5	0	0	0	0	0	20				
223 NOWSHERA - MARDAN 3023	127 40	0	0	0	0	0	127				
224 PESHAWAR - CHARSAJDA 3026	40 8	0	0	0	0	0	40				

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE ---ADP---

(MILLION RPS, FINANCIAL-1981 PRICE)

ROAD	NAME OF PROJECTS	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88
			1983 -84	1984 -85	1985 -86	1986 -87	1987 -88		
225	CHARSADDA - MARDAN 3027	30	0	0	0	0	0	30	
226	MARDAN - SWANI 3028	60	0	0	0	0	0	60	
227	SWABI - HARIPUR 3029	81	0	0	0	0	0	81	
228	SAIDU SHARIF - BESHAM 3031	32	0	0	0	0	0	32	
229	JEHANGIRA - SWABI 3032	28	0	0	0	0	0	28	
230	PIDAPAK - GAWADAR 4017	398	0	0	0	0	0	398	
231	SURAB - HOSHAB 4018	917	0	0	0	0	0	917	
232	WINGAI - PASANI 4019	616	0	0	0	0	0	616	
233	PASANI - GAWADAR 4020	279	0	0	0	0	0	279	
234	SIBI - BEWATA 4023	447	0	0	0	0	0	447	
235	OUTSIDE THE STUDY UNDER FEDERAL BUDGET	8271	241	258	277	297	320	6878	
236	OUTSIDE THE STUDY UNDER PUNJAB GOVERNMENT BUDGET	11192	326	350	376	402	432	9306	
237	OUTSIDE THE STUDY UNDER SIND GOVERNMENT BUDGET	8789	257	275	295	316	338	7308	
238	OUTSIDE THE STUDY UNDER N.W.F.P. GOVERNMENT BUDGET	5290	155	166	177	190	204	4398	

TABLE 4-2-2 (2) INVESTMENT SCHEDULE BY MODE ---ADP---

ROAD

(MILLION RPS, FINANCIAL/1981 PRICE)

NAME OF PROJECTS	ESTIMATED COST TOTAL	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88
		1983 -84	1984 -85	1985 -86	1986 -87	1987 -88		
239 OUTSIDE THE STUDY UNDER BALUCHISTAN GOVERNMENT BUDGET	1205	35	38	40	44	46	203	1002
TOTAL	81939	13654	1975	2874	3519	4019	3868	65684

TABLE 4-2-2 (3) INVESTMENT SCHEDULE BY MODE ---ADP---

ROAD TRANSPORT		(MILLION RPS, FINANCIAL, 1981 PRICE)										RANKING		
		ESTIMATED COST TOTAL	--- ALLOCATION DURING 1983-88 ---		1984		1985		1986		1987		TOTAL	BEYOND
NAME OF PROJECTS			1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
1	PURCHASE PLAN OF BUS IN SEMI-PUBLIC SECTOR PROJECT	3936	232	157	173	177	186					925	3011	A
2	PURCHASE PLAN OF BUS BY NLC PROJECT	46	0	23	0	23	0					46	0	C
3	PURCHASE PLAN FOR REPLACEMENT OF TRUCK BY NLC PROJECT	1737	102	102	102	102	102					510	1227	A
4	PURCHASE PLAN OF TRUCK BY NLC PROJECT	136	68	68	0	0	0					136	0	B
5	PURCHASE PLAN OF BOWZER BY NLC PROJECT	86	0	0	0	0	0					0	86	C
6	PURCHASE PLAN FOR REPLACEMENT OF BOWZER BY NLC PROJECT	663	39	39	39	39	39					195	468	B
7	PURCHASE PLAN OF TRAILER BY NLC PROJECT	115	0	0	0	0	38					38	77	C
8	PURCHASE PLAN OF TRUCK FOR CONTAINER BY NLC PROJECT	586	25	25	25	25	25					125	461	C
9	OUTSIDE THE STUDY (INTRA CITY)	3686	155	165	178	191	204					893	2793	
TOTAL		10991	621	579	517	557	594					2868	8123	

TABLE 4-2-2 (4) INVESTMENT SCHEDULE BY MODE ---ADP---

RAILWAY	NAME OF PROJECTS	(MILLION RPS, FINANCIAL, 1981 PRICE)										RANKING	UP TO 1982 -83		
		ESTIMATED COST TOTAL	1983-84		1984-85		1985-86		1986-87		1987-88			TOTAL 1983-88	BEYOND 1987-88
1	ON-GOING PROJECTS LOCO FACTORY	800	300	500	0	0	0	0	0	0	0	800	0	A	14
2	ON-GOING PROJECTS OTHERS	700	700	0	0	0	0	0	0	0	0	700	0	A	-
3	SIGNALLING KHI-SMA	730	0	0	0	0	0	0	0	0	0	730	0	B	
4	SIGNALLING SMA-KWL	187	0	112	75	0	0	0	0	0	0	187	0	A	
5	SIGNALLING LODRAN-MUL-KWL	194	0	0	116	78	0	0	0	0	0	194	0	A	
6	SIGNALLING SERSHAR-MAHMUD KOT	99	0	0	0	0	0	0	0	0	0	99	0	C	
7	SIGNALLING KWL-LHR	455	90	228	137	0	0	0	0	0	0	455	0	A	
8	SIGNALLING LHR-LLM	211	0	0	0	0	0	0	0	0	0	211	0	B	
9	SIGNALLING LLM-RWP	300	0	0	0	0	0	0	0	0	0	300	0	B	
10	SIGNALLING RWP-PSW	294	0	0	0	0	0	0	0	0	0	294	0	C	
11	SIGNALLING ROH-SIBI	324	0	0	0	0	0	0	0	0	0	324	0	C	
12	SIGNALLING SIBI-GTA	241	0	0	0	145	96	0	0	0	0	241	0	A	
13	SIGNALLING KWL-FSD	271	0	0	0	0	0	0	0	0	0	271	0	C	
14	SIGNALLING FSD-WZD	61	0	0	0	0	0	0	0	0	0	61	0	C	

TABLE 4-2-2 (4) INVESTMENT SCHEDULE BY MODE

---ADP---

(MILLION RPS, FINANCIAL, 1981 PRICE)

RAILWAY

NAME OF PROJECTS	ESTIMATED COST TOTAL	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88	RANKING
		1983 -84	1984 -85	1985 -86	1986 -87	1987 -88			
15 SIGNALLING SHORKOT-SGD	63	0	0	0	0	0	63	C	
16 SIGNALLING MAH.KOT-KDN	104	0	0	0	0	0	104	C	
17 ELECTRIFICATION KHI-ROH	2074	0	0	0	0	0	2074	C	
18 ELECTRIFICATION ROH-SMA	1439	0	0	0	0	0	1439	B	
19 ELECTRIFICATION SMA-KWL	523	105	157	261	0	0	523	A	
20 ELECTRIFICATION SMA-MUL,MUL-KWL	432	0	43	86	303	0	432	A	
21 ELECTRIFICATION LHR-LLM	629	0	0	0	0	0	629	B	
22 ELECTRIFICATION LLM-RWP	382	0	0	0	0	0	382	C	
23 ELECTRIFICATION SIBI-KLR	424	0	0	42	85	297	424	A	
24 ELECTRIFICATION MAH.KOT-SHERSHAR	108	0	0	0	0	0	108	C	
25 TRACK DOUBLING LODHAN-KWL	546	109	218	219	0	0	546	A	
26 TRACK DOUBLING MUL-KWL	228	0	46	91	91	0	228	A	
27 TRACK DOUBLING KWL-RAIWIN	1470	0	0	0	0	0	1470	B	
28 TRACK DOUBLING KWL-RAIWIN(ELECTRIFICATION)	529	0	0	0	0	0	529	B	

TABLE 4-2-2 (4) INVESTMENT SCHEDULE BY MODE ---ADP---

(MILLION RPS, FINANCIAL, 1981 PRICE)

RAILWAY	NAME OF PROJECTS	ESTIMATED COST			--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88	RANKING
		TOTAL	PEC	151	1983 -84	1984 -85	1985 -86	1986 -87	1987 -88			
	29 TRACK DOUBLING LHR-WZB	558	151	0	0	0	0	0	0	0	558	B
	30 TRACK DOUBLING WZB-LLM	198	53	0	0	0	0	0	0	0	198	B
	31 TRACK DOUBLING LLM-RWP	910	246	0	0	0	0	0	0	0	910	C
	32 TRACK DOUBLING LLM-RWP (ELECTRIFICATION)	360	195	0	0	0	0	0	0	0	360	C
	33 TRACK DOUBLING LODHAN-MUL	430	116	0	0	0	0	0	0	0	430	C
	34 TRACK DOUBLING LODHAN-MUL (ELECTRIFICATION)	155	84	0	0	0	0	0	0	0	155	C
	35 TRACK RENEWAL KHI-LLM	4395	1846	156	165	175	186	197	197	879	3516	A
	36 TRACK RENEWAL LLM-PSC	377	188	21	23	25	27	30	30	126	251	A
	37 TRACK RENEWAL ROH-QTA	616	308	20	22	24	27	30	30	123	493	A
	38 TRACK RENEWAL SSH-MMK	73	36	0	0	0	0	0	0	0	73	B
	39 TRACK RENEWAL KWL-FSD	248	104	0	0	14	17	19	19	50	198	A
	40 TRACK RENEWAL SKR-SGD	243	121	0	0	0	0	0	0	0	243	B
	41 TRACK RENEWAL MMK-KDN	368	184	0	0	0	0	0	0	0	368	B
	42 TRACK RENEWAL RAIL RENEWAL	553	66	19	20	22	24	26	26	111	442	A

TABLE 4-2-2 (4) INVESTMENT SCHEDULE BY MODE

----ADP----

(MILLION RPS, FINANCIAL/1981 PRICE)

RAILWAY

NAME OF PROJECTS	ESTIMATED COST				--- ALLOCATION DURING 1983-88 ---				TOTAL 1983 -88	BEYOND 1987 -88	RANKING
	TOTAL	FEC	1983 -84	1984 -85	1985 -86	1986 -87	1987 -88	TOTAL 1983 -88			
43 STATION IMPROVEMENT LHR CONTAINER	1101	596	0	8	47	176	228	459	642	A	
44 STATION IMPROVEMENT LHR GOODS	399	69	0	20	40	80	60	200	199	A	
45 STATION IMPROVEMENT TERMINAL 1(KARACHI)	428	73	0	0	43	64	107	214	214	A	
46 STATION IMPROVEMENT TERMINAL 6	527	90	0	0	0	0	0	0	527	B	
47 STATION IMPROVEMENT TERMINAL 8	524	89	0	0	0	0	0	0	524	C	
48 STATION IMPROVEMENT LOOP 4	17	0	0	0	0	0	17	17	0	A	
49 STATION IMPROVEMENT LOOP 4	17	0	0	0	0	0	0	0	17	B	
50 STATION IMPROVEMENT LOOP 5	22	0	0	0	0	0	0	0	22	C	
51 ROLLING STOCK ELECTRIFICATION SMA-KWL	1004	713	0	67	179	156	0	402	602	A	
52 ROLLING STOCK ELECTRIFICATION SIBI-KLR	634	450	0	0	0	0	259	259	375	A	
53 ROLLING STOCK ELECTRIFICATION ROH-SMA	2347	1667	0	0	0	0	0	0	2347	B	
54 ROLLING STOCK ELECTRIFICATION LHR-LLM	491	348	0	0	0	0	0	0	491	B	
55 ROLLING STOCK ELECTRIFICATION KWL-LHR	1070	760	0	0	0	0	0	0	1070	B	
56 ROLLING STOCK ELECTRIFICATION KHI-ROH	2878	2044	0	0	0	0	0	0	2878	C	



TABLE 4-2-2 (4) INVESTMENT SCHEDULE BY MODE ---ADP---

RAILWAY	NAME OF PROJECTS	(MILLION RPS, FINANCIAL, 1981 PRICE)										RANKING
		ESTIMATED COST TOTAL	FEC	1983-84	1984-85	1985-86	1986-87	1987-88	TOTAL 1983-88	BEYOND 1987-88		
	57 ROLLING STOCK ELECTRIFICATION LLM-RWP	624	443	0	0	0	0	0	0	0	624	C
	58 ROLLING STOCK ELECTRIFICATION SSH-MMK	22	16	0	0	0	0	0	0	0	22	C
	59 ROLLING STOCK ELECTRIFICATION RE-ENGINE	259	147	0	0	0	0	0	0	0	259	C
	60 ROLLING STOCK DIESEL PURCHASE	3415	2332	281	281	420	562	562	2106	1309		A
	61 ROLLING STOCK DIESEL RE-ENGINE	5302	3024	164	164	136	109	109	682	4620		A
	62 ROLLING STOCK COACHES PURCHASE	2127	574	35	35	35	52	55	212	1915		A
	63 ROLLING STOCK COACHES REPLACE	2273	614	174	174	111	111	112	682	1591		A
	64 ROLLING STOCK WAGONS CONTAINER	393	106	0	0	0	0	157	157	236		A
	65 ROLLING STOCK WAGONS HIGH SPEED TR	1295	350	0	0	0	0	259	259	1036		A
	66 ROLLING STOCK WAGONS ADDITIONAL	310	84	0	0	0	0	0	0	310		C
	67 ROLLING STOCK WAGONS REPLACE(BOGIE)	6406	1730	0	0	125	332	184	641	5765		A
	68 ROLLING STOCK WAGONS REPLACE(4 WHEELER)	1930	521	0	0	0	0	0	0	1930		B
	69 ROLLING STOCK ELECTRIFICATION WORK SHOP	1000	0	0	0	0	0	0	0	1000		C
	70 ROLLING STOCK ELECTRIFICATION SHEDS	650	0	0	0	50	150	100	300	350		A

TABLE 4-2-2 (4) INVESTMENT SCHEDULE BY MODE

---ADP---

(MILLION RPS, FINANCIAL/1981 PRICE)

NAME OF PROJECTS	ESTIMATED COST TOTAL	--- ALLOCATION DURING 1983-88 ---				TOTAL 1983-88	BEYOND 1987-88	RANKING
		1983-84	1985-86	1986-87	1987-88			
71 MINOR PROJECTS (10%)	5927	118	178	248	278	290	4815	
TOTAL	6694	2292	2461	2721	3053	3194	13721	52973

Note: The throw-forward indicated by Pakistan Railway stands at Rs. 5.4 billion.

In the table the cost of on-going projects is shown to be Rs. 1.5 billion and the difference is mostly incorporated in new schemes.

TABLE 4-2-2 (5) INVESTMENT SCHEDULE BY MODE

---ADP---

(MILLION RPS, FINANCIAL 1981 PRICE)

PORT

NAME OF PROJECTS	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---						TOTAL 1983 -88	BEYOND 1987 -88	RANKING	UP TO 1982 -83
		1983 -84	1984 -85	1985 -86	1986 -87	1987 -88	1988				
1 ON-GOING PROJECT PORT GASIM, AUTHORITY.	1168	467	723	445	0	0	0	1168	0	A	4324
2 PGA OIL BERTH	158	95	0	0	53	53	52	158	0	B	
3 PGA BUOY BERTH	1300	910	0	0	0	0	0	0	1300	B	
4 PGA FERTILIZER TERMINAL	490	201	22	97	145	226	0	490	0	A	
5 PGA WHEAT TERMINAL EQUIPMENT & STORAGE	256	116	71	80	0	0	0	151	105	A	
6 PGA DREDGER & EQUIPMENT	445	445	0	100	145	100	100	445	0	A	
SUB TOTAL	3817	2234	816	722	343	379	152	2412	1405		
7 GWADAR MINI-PORT	326	270	10	158	158	0	0	326	0	A	
8 MARINE ACADEMY	240	240	12	12	12	12	13	61	179	A	
9 JINNAH BRIDGE PHASE II	200	50	0	10	70	80	40	200	0	A	
SUB TOTAL	766	560	22	180	240	92	53	587	179		
TOTAL	4583	2794	838	902	583	471	205	2999	1584		

TABLE 4-2-2 (6) INVESTMENT SCHEDULE BY MODE

---ADP---

(MILLION RPS, FINANCIAL/1981 PRICE)

AIRPORT

NAME OF PROJECTS	ESTIMATED COST		--- ALLOCATION DURING 1983-88 ---					TOTAL 1983- -88	BEYOND 1987- -88	RANKING	UP TO 1982- -83
	TOTAL	FEC	1983- -84	1984- -85	1985- -86	1986- -87	1987- -88				
1 ON-GOING PROJECT INTERIM IMPROVEMENT OF TERMINAL BUILDING AT LAHORE AIRPORT	2	0	2	0	0	0	0	2	0	A	28
2 ON-GOING PROJECT INTERIM IMPROVEMENT OF TERMINAL BUILDING AT KARACHI AIRPORT	2	0	2	0	0	0	0	2	0	A	20
3 ON-GOING PROJECT IMPROVEMENT AND EXPANSION OF TERMINAL BUILDING AT ORMARA	6	0	6	0	0	0	0	6	0	A	10
4 ON-GOING PROJECT EST. OF BASIC AERODROME FACILITIES AT BANNU	27	13	27	0	0	0	0	27	0	A	24
5 ON-GOING PROJECT IMPROVEMENT AND MODERNISATION OF AERONAUTICAL COMMUNICATION FACILITIES	1	0	1	0	0	0	0	1	0	A	4
6 ON-GOING PROJECT IMPROVEMENT OF EXISTING CAR PARK AND PAYMENT OF ARMY LAND AT ISLAMABAD	1	0	1	0	0	0	0	1	0	A	1
7 ON-GOING PROJECT JOINT FILLING OF RUNWAY APRON AND TAXI AT ISLAMABAD. (UN-APP)	3	0	3	0	0	0	0	3	0	A	1
8 ON-GOING PROJECT STRENGTHENING OF TAXIWAY AT LAHORE AIRPORT	3	0	3	0	0	0	0	3	0	A	1
9 ON-GOING PROJECT EMERGENT REPAIR OF RUNWAY AT LAHORE AIRPORT	1	0	1	0	0	0	0	1	0	A	2
10 ON-GOING PROJECT CONST. OF DRAIN UP TO CHARAR. (LAHORE AIRPORT)	22	0	22	0	0	0	0	22	0	A	2
11 ON-GOING PROJECT RENOVATION OF ELECTRIC SYSTEM AT KARACHI APT.	2	0	2	0	0	0	0	2	0	A	1
12 ON-GOING PROJECT CONSTRUCTION OF FILLETS ON INTERSECTION OF TAXIWAY NO.233 AT KARACHI APT.	1	0	1	0	0	0	0	1	0	A	1
13 ON-GOING PROJECT FILLING OF JOINTS OF RUNWAY TAXI AND APRON AT KARACHI APT.	1	0	1	0	0	0	0	1	0	A	1
14 ON-GOING PROJECT CONSTRUCTION OF BARRACKS ACCOMMODATION FOR ASF AT KARACHI APT.	1	0	1	0	0	0	0	1	0	A	1

TABLE 4-2-2 (6) INVESTMENT SCHEDULE BY MODE ---ADP---

AIRPORT (MILLION RPS, FINANCIAL, 1981 PRICE)

NAME OF PROJECTS	ESTIMATED COST		--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88	RANKING	UP TO 1982 -83
	TOTAL	FEC	1983 -84	1984 -85	1985 -86	1986 -87	1987 -88				
15 ON-GOING PROJECT INTRUDER ALARM SYSTEM (KARACHI AIRPORT)	1	0	1	0	0	0	0	1	0	A	5
16 ON-GOING PROJECT STRENGTHEN- ING & WIDENING OF RUNWAY FOR AIRBUS OPR. (FAISALABAD A/P)	37	0	37	0	0	0	0	37	0	A	4
17 ON-GOING PROJECT BARRACKS ACCOMMODATION FOR ASF AT PESHAWAR AIRPORT	1	0	1	0	0	0	0	1	0	A	1
18 ON-GOING PROJECT CONSTRUCTION OF RESIDENTIAL ACCOMMODATION AT CHITRAL AIRPORT	1	0	1	0	0	0	0	1	0	A	-
19 KARACHI A/P RUNWAY & TAXIWAY	426	246	113	83	0	74	74	344	82	A	
20 KARACHI A/P TERMINAL AREA	1884	1152	159	264	242	304	289	1258	626	A	
21 ISLAMABAD A/P	927	569	39	72	198	141	104	554	373	A	
22 LAHORE A/P RUNWAY & TAXIWAY	612	333	270	188	0	0	1	459	153	A	
23 LAHORE A/P TERMINAL AREA	586	363	0	0	198	116	142	456	130	A	
24 PESHAWAR A/P	75	31	0	23	0	23	0	46	29	A	
25 D.I.KHAN A/P	12	4	0	0	0	0	7	7	5	C	
26 SAIDO SHARIF A/P	17	3	0	0	0	0	6	6	11	C	
27 CHITRAL A/P	20	4	0	0	0	0	9	9	11	C	
28 FAISALABAD A/P	38	7	3	0	0	0	3	6	32	B	

TABLE 4-2-2 (6) INVESTMENT SCHEDULE BY MODE

---ADP---

(MILLION RPS, FINANCIAL, 1981 PRICE)

AIRPORT

NAME OF PROJECTS	ESTIMATED COST TOTAL	COST FEC	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88	RANKING
			1983 -84	1984 -85	1985 -86	1986 -87	1987 -88			
29 MULTAN A/P	54	13	0	0	0	0	13	41	C	
30 HYDERABAD A/P	7	0	0	0	0	0	0	7	C	
31 NAWABSHAH A/P	186	107	0	37	37	18	18	76	A	
32 MOHENJODARO A/P	24	3	0	0	0	0	17	7	C	
33 SUKKUR A/P	29	4	0	0	0	0	8	21	C	
34 QUETTA A/P	39	0	0	0	0	0	1	39	C	
35 PANJGUR A/P	23	3	16	0	0	0	0	7	B	
36 TURBAT A/P	23	4	9	0	0	0	5	8	B	
37 PASNI A/P	20	4	0	0	0	0	7	14	C	
38 GWADAR A/P	57	6	0	0	0	23	23	12	A	
39 JIWANI A/P	33	4	0	0	0	0	24	9	C	
40 SUI A/P	18	4	0	0	0	0	8	10	C	
41 BANNU A/P	12	0	0	0	0	0	0	12	C	
42 ORMARA A/P	14	0	0	0	0	0	0	14	C	

TABLE 4-2-2 (6) INVESTMENT SCHEDULE BY MODE

---ADP---

AIRPORT

(MILLION RPS, FINANCIAL, 1981 PRICE)

NAME OF PROJECTS	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---							TOTAL 1983 -88	BEYOND 1987 -88	RANKING
		1983 -84	1984 -85	1985 -86	1986 -87	1987 -88	1988	1989			
43 NEW AIRPORT	1444	63	70	70	161	160		524	920	B	
44 REGIONAL AIR NAVIGATION SYSTEMS AND RELATED BUILDING PLAN	616	40	75	75	75	75		340	276	A	
45 ARSR/SSR EN-ROUTE RADAR NETWORK PLAN	491	0	0	0	0	0		0	491	A	
46 AIR NAVIGATION SYSTEM PLAN FOR KARACHI INTERNATIONAL AIRPORT	290	3	60	60	60	0		183	107	A	
47 AIR NAVIGATION SYSTEM PLAN FOR ISLAMABAD INTERNATIONAL AIRPORT	234	6	70	70	0	0		146	88	A	
48 AIR NAVIGATION SYSTEM PLAN FOR LAHORE INTERNATIONAL AIRPORT	194	0	15	20	0	0		35	159	A	
49 AIR NAVIGATION SYSTEM PLAN IN MINOR AIRPORTS (1983-88)	211	43	42	42	42	42		211	0	A	
50 AIR NAVIGATION SYSTEM PLAN IN MINOR AIRPORTS (1988-93)	108	0	0	0	0	0		0	108	B	
51 AIR NAVIGATION SYSTEM PLAN IN MINOR AIRPORTS (1993-2000)	67	0	0	0	0	0		0	67	B	
TOTAL	8905	878	999	1012	1037	1036		4962	3943		

TABLE 4-2-2 (7)

INVESTMENT SCHEDULE BY MODE

--NON ADP--

PORT

(MILLION RPS, FINANCIAL, 1981 PRICE)

NAME OF PROJECTS	ESTIMATED COST		--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88	RANKING
	TOTAL	FEC	1983 -84	1984 -85	1985 -86	1986 -87	1987 -88			
1 KPT FULL CONTAINER TERMINAL	3320	2090	13	86	252	358	514	1223	2097	A
2 KPT NEW OIL BERTH	120	80	40	40	40	0	0	120	0	A
3 KPT SMALL BOAT HARBOUR	300	150	0	0	0	0	0	0	300	B
4 KPT ONSHORE EQUIPMENT	117	76	12	12	12	12	12	60	57	A
5 KPT OFFSHORE EQUIPMENT	500	500	30	30	30	30	30	150	350	B
TOTAL	4357	2896	95	168	334	400	556	1553	2804	



TABLE 4-2-2 (8) INVESTMENT SCHEDULE BY MODE --NON ADP--

SHIPPING

(MILLION RPS, FINANCIAL/1981 PRICE)

NAME OF PROJECTS	ESTIMATED COST TOTAL FEC	--- ALLOCATION DURING 1983-88 ---				TOTAL 1983 -88	BEYOND 1987 -88	RANKING
		1983 -84	1984 -85	1985 -86	1986 -87			
1 ACQUISITION OF FULL CONTAINER SHIPS AND CONTAINER REQUIRED FOR OPERATION	4402	0	0	0	1216	0	3186	A
2 REPLACEMENT OF MULTI PURPOSE SHIPS	5000	200	200	200	200	200	4000	A
SUB TOTAL	9402	200	200	200	1416	200	7186	
3 BULK CARRIER FOR STEEL MILL	920	0	230	230	230	230	0	B
4 TANKER (CRUDE OIL)	900	0	0	150	0	0	750	B
5 TANKER (VEGETABLE OIL)	300	0	0	100	0	0	200	B
SUB TOTAL	2120	0	230	480	230	230	1170	
TOTAL	(11522)	(200)	(430)	(680)	(1646)	(430)	(8136)	

NOTE: THE INVESTMENT SCHEDULE FOR THE ITEM 3 IS ESTIMATED  
AS THE PURE CALCULATION PURPOSE WITH ASSUMPTION OF  
CARRYING FIFTY PERCENT OF CARGOES.

(Re; Bulk Carrier for Steel Mill)

TABLE 4-2-2 (9) INVESTMENT SCHEDULE BY MODE --NON ADP--

(MILLION RPS, FINANCIAL/1981 PRICE)

NAME OF PROJECTS	ESTIMATED COST TOTAL	--- ALLOCATION DURING 1983-88 ---					TOTAL 1983 -88	BEYOND 1987 -88	RANKING
		1983 -84	1984 -85	1985 -86	1986 -87	1987 -88			
1 PURCHASE OF 18 B-747 AIRCRAFTS	12960	0	720	0	0	1440	2160	10800	A
2 PURCHASE OF 9 DC-10 AIRCRAFTS	5940	0	660	0	0	660	1320	4620	A
3 PURCHASE OF 15 A-300 AIRCRAFTS	6750	900	0	900	0	450	2250	4500	A
4 PURCHASE OF 19 TWIN-JET AIRCRAFTS	5130	0	1080	540	540	810	2970	2160	A
5 PURCHASE OF 24 F-27 AIRCRAFTS	1920	480	240	240	320	240	1520	400	A
TOTAL	32700	1380	2700	1680	860	3600	10220	22480	







