

**Appendix-3.3.5 (2) Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		(Thousands)				
	(1)	(1)	1995	2000	2005	2010	2020
Almaty to/from							
Almaty	1	1	0.00	0.00	0.00	0.00	0.00
West Kasak.	1	2	1.60	2.28	3.46	5.43	11.73
Akiyubinsk	1	3	36.10	44.34	55.01	69.58	105.62
Karaganda	1	4	82.60	102.10	129.95	168.36	269.42
Kustanav	1	5	29.30	35.58	44.83	57.74	90.98
Atyrau	1	6	31.50	38.71	48.73	61.49	94.42
East Kazak.	1	7	22.10	27.42	35.28	46.21	75.66
South Kazak.	1	8	115.20	139.99	175.45	222.25	341.76
Zhambul	1	9	25.70	32.54	42.85	59.10	104.37
Akmola	1	10	60.00	76.17	101.16	134.98	212.63
Semlealain.	1	11	49.10	60.10	75.96	96.14	148.66
Kokchetau	1	12	20.00	24.32	31.05	39.86	63.39
Paylodar	1	13	88.60	109.56	140.86	184.08	301.04
North Kazak.	1	14	13.90	17.23	22.47	29.90	50.46
Kzyl-Orda	1	15	44.40	56.79	75.60	98.99	167.76
Zhezkazgan	1	16	44.10	54.26	68.16	85.47	130.17
Turqai	1	17	16.90	19.90	24.51	30.76	45.97
Mangistau	1	18	28.70	34.44	43.66	55.55	86.75
Taldykorgan	1	19	0.00	14.64	19.94	28.17	53.48
Subtotal			710.60	890.38	1138.92	1474.05	2354.39
Russia	1	20	517.00	614.09	732.81	870.56	1176.71
East Europe	1	21	40.00	50.12	63.16	80.60	124.58
Central Asia	1	22	40.60	49.39	61.19	76.29	112.96
China	1	23	52.40	64.74	78.92	95.16	133.27
Mongolia	1	24	8.60	10.02	11.61	13.29	16.80
East Asia	1	25	11.03	14.33	18.13	22.41	32.19
Western Asia	1	26	103.81	145.97	190.96	264.83	432.68
Other Asia	1	27	8.54	12.16	16.82	22.16	35.65
West Europe	1	28	106.00	130.53	171.82	212.20	307.07
North America	1	29	13.01	17.07	21.81	27.35	40.79
Oceania, etc.	1	30	2.04	2.71	3.49	4.41	6.65
Africa	1	31	0.24	0.33	0.43	0.55	0.85
Others	1	32	0.00	0.10	0.14	0.18	0.28
Subtotal			904.16	1117.55	1379.30	1690.00	2420.47
Total			1614.76	2007.93	2518.21	3164.05	4774.86
West Kasak. to/from							
Almaty	2	1	1.60	2.28	3.46	5.43	11.73
West Kasak.	2	2	0.00	0.00	0.00	0.00	0.00
Akiyubinsk	2	3	0.10	0.90	2.70	6.20	18.77
Karaganda	2	4	0.00	2.15	2.99	4.36	8.78
Kustanav	2	5	0.00	0.61	0.85	1.28	2.70
Atyrau	2	6	5.10	7.06	10.59	16.46	35.88
East Kazak.	2	7	32.20	39.12	48.99	62.35	97.02
South Kazak.	2	8	0.00	2.77	3.76	5.32	10.16
Zhambul	2	9	0.00	1.39	1.90	2.77	5.48
Akmola	2	10	0.00	2.12	3.04	4.51	8.76
Semlealain.	2	11	0.00	0.76	1.04	1.49	2.91
Kokchetau	2	12	0.00	1.20	1.64	2.33	4.49
Paylodar	2	13	0.00	2.53	3.44	4.88	9.36
North Kazak.	2	14	0.00	1.44	1.96	2.79	5.39
Kzyl-Orda	2	15	0.00	2.38	3.34	4.74	9.40
Zhezkazgan	2	16	0.00	1.36	1.88	2.67	5.21
Turqai	2	17	0.00	0.66	0.89	1.24	2.29
Mangistau	2	18	13.40	16.49	21.85	29.61	52.18
Taldykorgan	2	19	0.00	11.19	14.08	18.05	28.49
Subtotal			52.40	95.78	127.61	175.36	316.99
Russia	2	20	3.40	5.58	9.89	17.56	43.10
East Europe	2	21	0.00	1.52	3.01	5.69	14.72
Central Asia	2	22	0.40	0.68	0.85	1.33	2.85
China	2	23	1.00	1.29	1.70	2.28	3.88
Mongolia	2	24	0.20	0.25	0.32	0.43	0.71
East Asia	2	25	0.22	0.28	0.36	0.46	0.69
Western Asia	2	26	2.04	2.85	3.95	5.39	9.29
Other Asia	2	27	0.17	0.24	0.33	0.45	0.77
West Europe	2	28	2.08	2.68	3.41	4.32	6.59
North America	2	29	0.26	0.33	0.43	0.56	0.87
Oceania, etc.	2	30	0.04	0.05	0.07	0.09	0.14
Africa	2	31	0.01	0.01	0.01	0.01	0.02
Others	2	32	0.00	0.00	0.00	0.00	0.00
Subtotal			10.60	15.66	24.33	38.55	83.64
Total			63.00	111.44	151.95	213.91	400.63

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

(Thousands)

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
Aktjubinsk to/from							
Almaty	3	1	36.10	44.34	55.01	69.58	105.62
West Kazak.	3	2	0.10	0.90	2.70	6.20	18.77
Aktjubinsk	3	3	0.00	0.00	0.00	0.00	0.00
Karaganda	3	4	2.90	3.70	4.99	7.03	13.04
Kustanay	3	5	0.00	0.93	1.26	1.82	3.55
Atyrau	3	6	0.30	0.44	0.70	1.15	2.68
East Kazak.	3	7	0.00	0.39	0.53	0.75	1.42
South Kazak.	3	8	0.50	0.66	0.94	1.41	2.66
Zhambul	3	9	0.00	0.47	0.64	0.93	1.82
Akmola	3	10	1.00	1.33	1.94	2.95	5.00
Semipalatinsk	3	11	0.00	0.28	0.39	0.55	1.06
Kokchetau	3	12	0.00	0.06	0.09	0.13	0.28
Pavlodar	3	13	1.10	1.50	2.21	3.40	7.20
North Kazak.	3	14	0.00	0.09	0.13	0.19	0.40
Kzyl-Orda	3	15	0.00	0.22	0.33	0.49	1.05
Zhezkazgan	3	16	0.10	0.14	0.21	0.34	0.75
Turqai	3	17	0.50	0.62	0.82	1.15	2.10
Mangistau	3	18	7.00	9.52	12.52	16.94	29.54
Taldykorgan	3	19	0.00	0.21	0.29	0.40	0.76
Subtotal			50.40	65.01	85.68	115.40	198.69
Russia	3	20	13.00	16.29	21.31	28.91	49.00
East Europe	3	21	0.60	0.91	1.51	2.55	5.05
Central Asia	3	22	0.40	0.52	0.71	1.03	1.95
China	3	23	0.00	1.01	1.27	1.63	2.56
Hongolia	3	24	0.20	0.24	0.29	0.36	0.52
East Asia	3	25	0.16	0.21	0.26	0.33	0.49
Western Asia	3	26	1.74	2.41	3.28	4.43	7.47
Other Asia	3	27	0.13	0.18	0.24	0.33	0.55
West Europe	3	28	1.58	2.00	2.51	3.16	4.72
North America	3	29	0.19	0.25	0.32	0.41	0.63
Oceania, etc.	3	30	0.03	0.04	0.05	0.06	0.10
Africa	3	31	0.00	0.01	0.01	0.01	0.01
Others	3	32	0.00	0.00	0.00	0.00	0.00
Subtotal			18.84	24.06	31.75	43.21	74.72
Total			69.24	89.07	117.44	158.61	273.41
Karaganda to/from							
Almaty	4	1	82.60	102.10	129.95	168.36	269.42
West Kazak.	4	2	0.00	2.15	2.99	4.36	8.78
Aktjubinsk	4	3	2.90	3.70	4.99	7.03	13.04
Karaganda	4	4	0.00	0.00	0.00	0.00	0.00
Kustanay	4	5	0.00	1.73	2.35	3.38	6.60
Atyrau	4	6	5.00	7.23	9.53	12.85	22.40
East Kazak.	4	7	4.00	5.08	6.92	9.78	18.34
South Kazak.	4	8	8.10	10.10	13.49	18.60	33.52
Zhambul	4	9	0.00	0.32	0.45	0.68	1.45
Akmola	4	10	0.00	12.36	17.73	26.32	51.12
Semipalatinsk	4	11	0.10	0.23	0.30	0.40	0.74
Kokchetau	4	12	0.00	2.05	2.82	4.03	7.80
Pavlodar	4	13	0.00	13.25	18.08	25.72	49.75
North Kazak.	4	14	0.00	2.19	3.01	4.32	8.53
Kzyl-Orda	4	15	0.40	0.79	1.64	3.12	6.45
Zhezkazgan	4	16	0.00	1.87	2.59	3.72	7.36
Turqai	4	17	0.00	0.51	0.70	1.01	1.96
Mangistau	4	18	0.00	0.98	1.35	1.91	3.71
Taldykorgan	4	19	0.00	0.82	1.12	1.60	3.11
Subtotal			103.90	167.46	220.20	297.78	518.15
Russia	4	20	92.60	110.99	137.71	173.19	261.85
East Europe	4	21	5.00	6.32	8.51	11.84	21.40
Central Asia	4	22	2.60	3.24	4.25	5.76	9.94
China	4	23	6.60	8.14	10.13	12.62	18.81
Hongolia	4	24	1.00	1.16	1.36	1.60	2.12
East Asia	4	25	1.37	1.73	2.16	2.71	3.97
Western Asia	4	26	12.92	17.60	23.98	32.05	53.45
Other Asia	4	27	1.06	1.47	2.02	2.68	4.40
West Europe	4	28	13.19	16.46	20.64	25.68	37.93
North America	4	29	1.62	2.06	2.62	3.31	5.04
Oceania, etc.	4	30	0.25	0.33	0.42	0.53	0.82
Africa	4	31	0.03	0.04	0.05	0.07	0.10
Others	4	32	0.01	0.01	0.02	0.02	0.03
Subtotal			138.26	169.52	213.82	272.06	419.87
Total			242.16	336.98	434.02	569.83	938.03

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
(Thousands)							
<b>Kustanay to/from</b>							
Almaty	5	1	29.30	35.58	44.83	57.74	90.98
West Kazak	5	2	0.00	0.61	0.85	1.28	2.70
Akiyubinsk	5	3	0.00	0.93	1.26	1.82	3.55
Karaganda	5	4	0.00	1.73	2.35	3.38	6.60
Kustanay	5	5	0.00	0.00	0.00	0.00	0.00
Atyrau	5	6	0.70	0.91	1.29	1.91	3.85
East Kazak	5	7	1.20	1.51	2.07	2.95	5.57
South Kazak	5	8	0.00	1.09	1.45	2.03	3.76
Zhambul	5	9	1.18	1.38	1.88	2.71	5.19
Akmola	5	10	0.00	1.43	2.06	3.07	6.02
Semipalatinsk	5	11	0.00	0.07	0.10	0.15	0.32
Kokchetau	5	12	0.00	1.44	1.96	2.79	5.39
Pavlodar	5	13	0.00	0.87	1.21	1.79	3.67
North Kazak	5	14	0.00	1.58	2.13	3.04	5.90
Kzyl-Orda	5	15	1.30	1.75	2.61	3.92	8.24
Zhezkazgan	5	16	0.00	0.40	0.55	0.79	1.55
Turgai	5	17	0.00	0.39	0.52	0.75	1.44
Mangistau	5	18	5.92	7.83	9.19	12.31	21.16
Taldykorgan	5	19	0.00	0.37	0.49	0.68	1.27
<b>Subtotal</b>			<b>39.58</b>	<b>59.85</b>	<b>76.80</b>	<b>103.10</b>	<b>177.88</b>
Russia	5	20	21.00	25.44	32.65	43.17	71.20
East Europe	5	21	3.80	4.73	6.32	8.78	15.75
Central Asia	5	22	4.80	5.73	7.18	9.21	14.37
China	5	23	4.80	5.79	7.07	8.67	12.49
Mongolia	5	24	0.00	0.92	1.07	1.26	1.68
East Asia	5	25	1.02	1.25	1.56	1.93	2.48
Western Asia	5	26	9.64	12.74	17.07	22.80	37.37
Other Asia	5	27	0.79	1.06	1.44	1.91	3.08
West Europe	5	28	9.84	11.92	14.74	18.27	26.52
North America	5	29	1.21	1.49	1.87	2.36	3.52
Oceania, etc.	5	30	0.19	0.24	0.30	0.38	0.57
Africa	5	31	0.02	0.03	0.04	0.05	0.07
Others	5	32	0.01	0.01	0.01	0.02	0.02
<b>Subtotal</b>			<b>57.92</b>	<b>71.32</b>	<b>91.32</b>	<b>116.81</b>	<b>189.44</b>
<b>Total</b>			<b>97.42</b>	<b>130.37</b>	<b>168.12</b>	<b>221.91</b>	<b>366.52</b>
<b>Atyrau to/from</b>							
Almaty	6	1	31.50	38.71	48.73	61.49	94.42
West Kazak	6	2	5.10	7.06	10.59	16.46	35.88
Akiyubinsk	6	3	0.30	0.44	0.70	1.15	2.68
Karaganda	6	4	5.00	7.23	9.53	12.85	22.40
Kustanay	6	5	0.70	0.91	1.29	1.91	3.85
Atyrau	6	6	0.00	0.00	0.00	0.00	0.00
East Kazak	6	7	0.00	3.09	4.04	5.36	9.12
South Kazak	6	8	5.30	6.50	8.46	11.17	19.82
Zhambul	6	9	0.00	0.32	0.43	0.63	1.26
Akmola	6	10	3.30	4.19	5.83	8.18	14.36
Semipalatinsk	6	11	0.00	4.43	5.70	7.34	11.90
Kokchetau	6	12	0.50	0.63	0.88	1.24	2.37
Pavlodar	6	13	0.00	1.25	1.72	2.43	4.69
North Kazak	6	14	0.70	0.89	1.23	1.75	3.26
Kzyl-Orda	6	15	0.00	0.84	1.19	1.69	3.38
Zhezkazgan	6	16	1.40	1.77	2.36	3.17	5.68
Turgai	6	17	0.00	0.01	0.02	0.03	0.06
Mangistau	6	18	53.20	63.05	80.14	101.69	159.81
Taldykorgan	6	19	0.00	3.29	4.18	5.35	8.49
<b>Subtotal</b>			<b>187.80</b>	<b>144.62</b>	<b>187.01</b>	<b>243.89</b>	<b>402.46</b>
Russia	6	20	40.00	48.75	61.98	79.42	125.39
East Europe	6	21	2.20	2.83	3.89	5.51	10.32
Central Asia	6	22	1.20	1.50	1.98	2.67	4.62
China	6	23	2.80	3.46	4.31	5.31	7.83
Mongolia	6	24	0.40	0.47	0.58	0.70	0.99
East Asia	6	25	0.58	0.74	0.97	1.23	1.88
Western Asia	6	26	5.45	7.59	10.63	14.49	25.31
Other Asia	6	27	0.45	0.63	0.90	1.21	2.09
West Europe	6	28	5.57	7.10	9.18	11.61	17.96
North America	6	29	0.68	0.89	1.16	1.50	2.38
Oceania, etc.	6	30	0.11	0.14	0.19	0.24	0.39
Africa	6	31	0.01	0.02	0.02	0.03	0.05
Others	6	32	0.00	0.01	0.01	0.01	0.02
<b>Subtotal</b>			<b>59.46</b>	<b>74.13</b>	<b>95.80</b>	<b>123.91</b>	<b>199.23</b>
<b>Total</b>			<b>167.26</b>	<b>218.75</b>	<b>282.81</b>	<b>367.80</b>	<b>601.69</b>

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		1995	2000	2005	(Thousands)	
	(i)	(j)				2010	2020
<b>East Kazak. to/from</b>							
Almaty	7	1	23.60	27.42	35.28	46.21	75.66
West Kazak.	7	2	34.38	39.12	48.99	62.35	97.02
Aktjubinsk	7	3	0.00	0.39	0.53	0.75	1.42
Karaganda	7	4	4.27	5.08	6.92	9.78	18.34
Kustanay	7	5	1.28	1.51	2.07	2.95	5.57
Atyrau	7	6	0.00	3.09	4.04	5.36	9.12
East Kazak.	7	7	9.76	10.37	14.15	20.08	38.49
South Kazak.	7	8	5.02	5.74	7.46	9.93	16.85
Zhambul	7	9	0.00	0.07	0.10	0.16	0.34
Akmola	7	10	0.43	0.60	1.01	1.75	4.04
Semipalatin.	7	11	0.00	2.51	3.47	4.96	9.74
Kokchetau	7	12	0.00	0.07	0.10	0.15	0.32
Pavlodar	7	13	0.43	1.18	2.61	5.39	14.98
North Kazak.	7	14	0.00	0.12	0.16	0.24	0.51
Kzyl-Orda	7	15	0.00	1.08	1.51	2.12	4.12
Zhezkazgan	7	16	0.00	0.06	0.08	0.12	0.25
Turqai	7	17	0.00	0.02	0.03	0.05	0.11
Mangistau	7	18	53.60	57.55	69.90	84.45	120.29
Taldykorgan	7	19	0.00	0.68	0.93	1.32	2.56
<b>Subtotal</b>			<b>131.76</b>	<b>156.58</b>	<b>199.35</b>	<b>259.11</b>	<b>419.65</b>
Russia	7	20	13.68	16.64	21.43	28.18	46.38
East Europe	7	21	3.20	4.01	5.37	7.40	13.18
Central Asia	7	22	1.60	1.98	2.60	3.49	5.97
China	7	23	4.28	5.19	6.52	8.20	12.46
Mongolia	7	24	0.60	0.71	0.86	1.04	1.49
East Asia	7	25	0.88	1.10	1.38	1.71	2.50
Western Asia	7	26	8.24	11.16	15.16	20.23	33.56
Other Asia	7	27	0.68	0.93	1.28	1.69	2.76
West Europe	7	28	8.42	10.44	13.09	16.21	23.02
North America	7	29	1.03	1.31	1.66	2.09	3.16
Oceania, etc.	7	30	0.16	0.21	0.27	0.34	0.52
Africa	7	31	0.02	0.02	0.03	0.04	0.06
Others	7	32	0.01	0.01	0.01	0.01	0.02
<b>Subtotal</b>			<b>42.63</b>	<b>53.71</b>	<b>69.66</b>	<b>90.63</b>	<b>145.88</b>
<b>Total</b>			<b>174.39</b>	<b>210.29</b>	<b>269.01</b>	<b>349.73</b>	<b>565.53</b>
<b>South Kazak. to/from</b>							
Almaty	8	1	115.23	139.99	175.45	222.25	341.76
West Kazak.	8	2	0.00	2.71	3.76	5.32	10.16
Aktjubinsk	8	3	0.50	0.66	0.94	1.41	2.96
Karaganda	8	4	9.10	10.10	13.49	18.60	33.52
Kustanay	8	5	0.00	1.09	1.45	2.03	3.76
Atyrau	8	6	5.30	6.50	8.46	11.17	18.82
East Kazak.	8	7	4.70	5.74	7.46	9.93	16.85
South Kazak.	8	8	0.00	0.00	0.00	0.00	0.00
Zhambul	8	9	0.00	16.84	22.91	33.17	65.01
Akmola	8	10	1.10	1.47	2.22	3.45	7.04
Semipalatin.	8	11	0.00	0.65	0.88	1.24	2.34
Kokchetau	8	12	0.30	0.40	0.60	0.93	1.98
Pavlodar	8	13	4.10	5.32	7.58	11.13	22.12
North Kazak.	8	14	5.20	6.31	8.26	11.08	19.09
Kzyl-Orda	8	15	0.00	7.43	10.48	14.06	29.60
Zhezkazgan	8	16	0.00	0.49	0.68	0.97	1.90
Turqai	8	17	3.00	3.51	4.45	5.80	9.38
Mangistau	8	18	5.00	6.93	9.05	12.01	20.40
Taldykorgan	8	19	0.00	0.71	0.97	1.37	2.66
<b>Subtotal</b>			<b>153.30</b>	<b>216.92</b>	<b>279.09</b>	<b>366.72</b>	<b>609.26</b>
Russia	8	20	36.40	44.05	56.12	72.77	116.81
East Europe	8	21	1.40	1.89	2.79	4.24	8.67
Central Asia	8	22	0.00	1.45	2.81	5.20	13.11
China	8	23	1.80	2.29	3.02	4.04	6.91
Mongolia	8	24	0.40	0.48	0.61	0.76	1.22
East Asia	8	25	0.39	0.49	0.61	0.75	1.07
Western Asia	8	26	3.69	4.93	6.66	8.82	14.43
Other Asia	8	27	0.38	0.41	0.56	0.74	1.19
West Europe	8	28	3.76	4.61	5.75	7.06	10.24
North America	8	29	0.46	0.58	0.73	0.91	1.36
Oceania, etc.	8	30	0.07	0.09	0.12	0.15	0.22
Africa	8	31	0.01	0.01	0.01	0.02	0.03
Others	8	32	0.00	0.00	0.01	0.01	0.01
<b>Subtotal</b>			<b>49.49</b>	<b>61.28</b>	<b>79.77</b>	<b>105.48</b>	<b>175.28</b>
<b>Total</b>			<b>202.79</b>	<b>278.19</b>	<b>358.87</b>	<b>472.19</b>	<b>784.53</b>

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

(Thousands)

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
<b>Zhambul to/from</b>							
Almaty	9	1	26.16	32.54	42.85	59.10	104.37
West. Kazak.	9	2	0.00	1.39	1.90	2.77	5.48
Akiyubinsk	9	3	0.00	0.47	0.64	0.93	1.82
Karaganda	9	4	0.00	0.32	0.45	0.68	1.45
Kustanay	9	5	1.12	1.38	1.88	2.71	5.19
Atyrau	9	6	0.00	0.32	0.43	0.63	1.26
East Kazak.	9	7	0.00	0.07	0.10	0.16	0.34
South Kazak.	9	8	0.00	16.84	22.91	33.17	65.01
Zhambul	9	9	0.41	0.00	0.00	0.00	0.00
Akmola	9	10	0.00	0.15	0.23	0.36	0.78
Semipalatln.	9	11	0.00	0.05	0.08	0.12	0.25
Kokchetau	9	12	0.00	0.05	0.07	0.11	0.24
Pavlodar	9	13	0.00	0.41	0.57	0.87	1.86
North Kazak.	9	14	0.00	0.69	0.93	1.35	2.83
Kzyl-Orda	9	15	0.00	2.67	3.79	5.54	11.48
Zhezkazgan	9	16	0.71	0.91	1.28	1.89	3.77
Turqai	9	17	0.00	0.02	0.03	0.05	0.11
Mangistau	9	18	0.00	0.40	0.55	0.79	1.58
Taldykorgan	9	19	0.00	0.69	0.94	1.37	2.74
<b>Subtotal</b>			<b>28.40</b>	<b>59.37</b>	<b>79.64</b>	<b>112.59</b>	<b>210.35</b>
Russia	9	20	9.60	12.01	15.87	22.03	39.23
East Europe	9	21	2.20	2.85	3.97	5.85	11.40
Central Asia	9	22	1.20	1.77	2.84	4.79	11.08
China	9	23	2.80	3.53	4.54	6.81	9.86
Mongolia	9	24	0.40	0.48	0.61	0.79	1.26
East Asia	9	25	0.51	0.77	0.98	1.27	1.96
Western Asia	9	26	5.73	7.87	10.74	15.06	26.40
Other Asia	9	27	0.47	0.66	0.91	1.26	2.18
West Europe	9	28	5.85	7.36	9.28	12.07	18.74
North America	9	29	0.72	0.92	1.18	1.56	2.49
Oceania, etc.	9	30	0.11	0.15	0.19	0.25	0.41
Africa	9	31	0.01	0.02	0.02	0.03	0.05
Others	9	32	0.00	0.01	0.01	0.01	0.02
<b>Subtotal</b>			<b>29.71</b>	<b>38.39</b>	<b>51.15</b>	<b>70.98</b>	<b>125.08</b>
<b>Total</b>			<b>58.11</b>	<b>97.75</b>	<b>130.78</b>	<b>183.57</b>	<b>335.43</b>
<b>Akmola to/from</b>							
Almaty	10	1	60.80	76.17	101.16	134.98	212.63
West. Kazak.	10	2	0.00	2.12	3.04	4.51	8.76
Akiyubinsk	10	3	1.00	1.39	1.94	2.95	5.80
Karaganda	10	4	0.00	12.35	17.73	26.92	51.12
Kustanay	10	5	0.00	1.43	2.06	3.07	6.02
Atyrau	10	6	3.30	4.19	5.83	8.18	14.36
East Kazak.	10	7	0.40	0.60	1.01	1.75	4.04
South Kazak.	10	8	1.10	1.47	2.22	3.45	7.04
Zhambul	10	9	0.00	0.15	0.23	0.36	0.78
Akmola	10	10	0.00	0.00	0.00	0.00	0.00
Semipalatln.	10	11	0.00	0.67	0.97	1.46	2.92
Kokchetau	10	12	0.00	2.33	3.37	4.99	9.76
Pavlodar	10	13	0.00	7.10	10.22	15.19	29.67
North Kazak.	10	14	0.00	1.70	2.46	3.67	7.26
Kzyl-Orda	10	15	0.00	0.26	0.40	0.62	1.34
Zhezkazgan	10	16	0.50	0.72	1.16	1.91	4.24
Turqai	10	17	0.00	0.18	0.25	0.38	0.74
Mangistau	10	18	0.00	0.54	0.77	1.15	2.25
Taldykorgan	10	19	0.00	0.89	1.13	1.60	3.12
<b>Subtotal</b>			<b>67.10</b>	<b>113.41</b>	<b>154.95</b>	<b>215.14</b>	<b>369.15</b>
Russia	10	20	38.40	47.28	62.50	83.15	130.14
East Europe	10	21	5.40	6.85	9.48	13.98	23.28
Central Asia	10	22	2.80	3.50	4.75	6.52	10.83
China	10	23	7.00	8.75	11.37	14.60	21.46
Mongolia	10	24	1.20	1.42	1.77	2.19	2.96
East Asia	10	25	1.45	1.90	2.65	3.58	5.34
Western Asia	10	26	13.69	19.37	29.09	42.31	71.74
Other Asia	10	27	1.13	1.61	2.46	3.54	5.91
West Europe	10	28	13.98	18.12	25.12	33.90	50.92
North America	10	29	1.72	2.27	3.19	4.37	6.76
Oceania, etc.	10	30	0.27	0.36	0.51	0.70	1.10
Africa	10	31	0.03	0.04	0.06	0.09	0.14
Others	10	32	0.01	0.01	0.02	0.03	0.05
<b>Subtotal</b>			<b>87.08</b>	<b>111.49</b>	<b>152.99</b>	<b>208.36</b>	<b>330.63</b>
<b>Total</b>			<b>154.18</b>	<b>224.90</b>	<b>307.95</b>	<b>423.52</b>	<b>699.79</b>

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
(Thousands)							
Semipalatinsk to/from							
Almaly	11	1	52.93	60.10	75.96	96.14	149.86
West Kazak.	11	2	0.00	0.76	1.04	1.49	2.91
Aktyubinsk	11	3	0.00	0.28	0.39	0.55	1.06
Karaganda	11	4	0.11	0.23	0.50	1.00	2.74
Kustanay	11	5	0.00	0.07	0.10	0.15	0.32
Atyrau	11	6	0.00	4.43	5.70	7.34	11.98
East Kazak.	11	7	0.00	2.51	3.47	4.96	9.74
South Kazak.	11	8	0.00	0.65	0.88	1.24	2.34
Zhambul	11	9	0.00	0.05	0.08	0.12	0.25
Akmola	11	10	0.00	0.67	0.97	1.46	2.92
Semipalatinsk	11	11	4.42	5.22	7.24	10.27	20.08
Kokchetau	11	12	0.00	0.05	0.08	0.11	0.24
Pavlodar	11	13	0.00	6.32	8.71	12.36	24.08
North Kazak.	11	14	0.00	0.08	0.11	0.16	0.35
Kzyl-Orda	11	15	0.32	0.43	0.69	1.09	2.49
Zhezkazgan	11	16	0.65	0.77	1.08	1.63	2.93
Turgai	11	17	0.00	0.01	0.02	0.03	0.07
Mangistau	11	18	0.00	5.41	8.95	8.94	14.45
Taldykorgan	11	19	0.00	0.47	0.65	0.93	1.82
Subtotal			58.43	88.51	114.63	149.86	249.54
Russia	11	20	12.80	15.70	20.35	26.87	44.06
East Europe	11	21	0.20	0.32	0.57	0.98	2.35
Central Asia	11	22	0.20	0.27	0.39	0.59	1.21
China	11	23	0.40	0.52	0.70	0.97	1.75
Mongolia	11	24	0.00	0.81	0.98	1.16	1.60
East Asia	11	25	0.07	0.09	0.11	0.14	0.21
Western Asia	11	26	0.66	0.90	1.25	1.67	2.85
Other Asia	11	27	0.05	0.07	0.11	0.14	0.23
West Europe	11	28	0.67	0.84	1.08	1.34	2.02
North America	11	29	0.00	0.10	0.14	0.17	0.27
Oceania, etc.	11	30	0.01	0.02	0.02	0.03	0.04
Africa	11	31	0.00	0.00	0.00	0.00	0.01
Others	11	32	0.00	0.00	0.00	0.00	0.00
Subtotal			15.15	19.64	25.69	33.88	56.60
Total			73.58	108.16	140.32	183.73	306.14
Kokchetau to/from							
Almaly	12	1	20.00	24.32	31.05	39.86	63.39
West Kazak.	12	2	0.00	1.20	1.64	2.33	4.49
Aktyubinsk	12	3	0.00	0.06	0.09	0.13	0.28
Karaganda	12	4	0.00	2.05	2.82	4.03	7.88
Kustanay	12	5	0.00	1.44	1.96	2.79	5.39
Atyrau	12	6	0.50	0.63	0.88	1.24	2.37
East Kazak.	12	7	0.00	0.07	0.10	0.15	0.32
South Kazak.	12	8	0.30	0.40	0.60	0.93	1.98
Zhambul	12	9	0.00	0.05	0.07	0.11	0.24
Akmola	12	10	0.00	2.33	3.37	4.99	9.76
Semipalatinsk	12	11	0.00	0.05	0.08	0.11	0.24
Kokchetau	12	12	0.00	0.00	0.00	0.00	0.00
Pavlodar	12	13	0.00	1.32	2.64	3.76	7.32
North Kazak.	12	14	0.00	3.12	4.29	6.08	11.73
Kzyl-Orda	12	15	0.00	0.09	0.13	0.19	0.41
Zhezkazgan	12	16	0.20	0.27	0.42	0.66	1.44
Turgai	12	17	0.00	0.12	0.16	0.23	0.44
Mangistau	12	18	15.80	18.20	22.81	28.40	43.14
Taldykorgan	12	19	0.00	0.03	0.04	0.06	0.12
Subtotal			36.80	56.35	73.15	96.03	160.98
Russia	12	20	5.00	6.16	8.20	11.13	19.56
East Europe	12	21	1.20	1.53	2.15	3.09	5.92
Central Asia	12	22	0.60	0.74	0.99	1.36	2.41
China	12	23	1.40	1.72	2.18	2.74	4.21
Mongolia	12	24	0.20	0.24	0.29	0.36	0.54
East Asia	12	25	0.30	0.37	0.47	0.58	0.86
Western Asia	12	26	2.82	3.74	5.15	6.86	11.50
Other Asia	12	27	0.23	0.31	0.44	0.57	0.95
West Europe	12	28	2.88	3.50	4.45	5.49	8.16
North America	12	29	0.35	0.44	0.57	0.71	1.08
Oceania, etc.	12	30	0.06	0.07	0.09	0.11	0.19
Africa	12	31	0.01	0.01	0.01	0.02	0.02
Others	12	32	0.00	0.00	0.00	0.00	0.01
Subtotal			15.85	18.83	24.99	33.02	55.38
Total			51.85	75.18	98.14	129.05	216.36

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

		(Thousands)						
		Code No.		1995	2000	2005	2010	2020
		(i)	(j)					
<b>Pavlodar to/from</b>								
Almaty	13	1		88.60	109.56	140.86	184.08	301.84
West Kazak.	13	2		0.00	2.53	3.44	4.88	9.36
Aktyubinsk	13	3		1.10	1.60	2.21	3.40	7.20
Karaganda	13	4		0.00	13.25	18.08	25.72	49.75
Kustanay	13	5		0.00	0.87	1.21	1.79	3.67
Atyrau	13	6		0.00	1.25	1.72	2.43	4.69
East Kazak	13	7		0.40	1.10	2.61	5.39	14.98
South Kazak.	13	8		4.10	5.32	7.59	11.13	22.12
Zhambul	13	9		0.00	0.41	0.57	0.87	1.66
Akmola	13	10		0.00	7.10	10.22	15.19	29.67
Semipalatinsk	13	11		0.00	6.32	8.71	12.36	24.08
Kokchetav	13	12		0.00	1.92	2.64	3.76	7.32
Pavlodar	13	13		0.00	0.80	0.00	0.00	0.00
North Kazak.	13	14		0.00	2.05	2.82	4.04	7.91
Kzyl-Orda	13	15		3.50	4.62	6.65	9.55	19.04
Zhazkazgan	13	16		0.00	0.43	0.61	0.90	1.90
Turqai	13	17		0.00	0.27	0.37	0.53	1.03
Mangistau	13	18		0.00	25.39	32.25	41.24	65.55
Taldykorgan	13	19		0.00	0.32	0.44	0.65	1.34
<b>Subtotal</b>				<b>97.70</b>	<b>184.19</b>	<b>243.01</b>	<b>327.90</b>	<b>572.41</b>
<b>Russia</b>								
East Europe	13	21		1.20	1.62	2.40	3.66	7.52
Central Asia	13	22		5.00	6.06	7.74	10.04	16.17
China	13	23		1.60	2.01	2.62	3.43	5.64
Mongolia	13	24		0.20	0.24	0.31	0.40	0.63
East Asia	13	25		0.35	0.44	0.55	0.68	0.98
Western Asia	13	26		3.30	4.44	6.02	7.99	13.17
Other Asia	13	27		0.27	0.37	0.51	0.67	1.08
West Europe	13	28		3.37	4.15	5.20	6.48	9.35
North America	13	29		0.41	0.52	0.66	0.82	1.24
Oceania, etc.	13	30		0.07	0.08	0.11	0.13	0.20
Africa	13	31		0.01	0.01	0.01	0.02	0.03
Others	13	32		0.00	0.00	0.00	0.00	0.01
<b>Subtotal</b>				<b>59.57</b>	<b>72.81</b>	<b>93.02</b>	<b>120.89</b>	<b>191.34</b>
<b>Total</b>				<b>157.27</b>	<b>257.00</b>	<b>336.03</b>	<b>447.99</b>	<b>763.76</b>
<b>North Kazak. to/from</b>								
Almaty	14	1		13.90	17.23	22.47	29.90	50.46
West Kazak.	14	2		0.00	1.44	1.96	2.79	5.39
Aktyubinsk	14	3		0.00	0.09	0.13	0.19	0.40
Karaganda	14	4		0.00	2.19	3.01	4.32	8.53
Kustanay	14	5		0.00	1.56	2.13	3.04	5.90
Atyrau	14	6		0.70	0.89	1.23	1.75	3.36
East Kazak	14	7		0.00	0.12	0.16	0.24	0.51
South Kazak.	14	8		5.20	6.31	8.26	11.08	19.09
Zhambul	14	9		0.00	0.69	0.93	1.35	2.63
Akmola	14	10		0.00	1.70	2.46	3.67	7.26
Semipalatinsk	14	11		0.00	0.08	0.11	0.16	0.35
Kokchetav	14	12		0.00	3.12	4.29	6.08	11.78
Pavlodar	14	13		0.00	2.05	2.82	4.04	7.91
North Kazak.	14	14		0.00	0.00	0.00	0.00	0.00
Kzyl-Orda	14	15		0.00	0.90	1.26	1.77	3.46
Zhazkazgan	14	16		0.00	0.34	0.48	0.69	1.39
Turqai	14	17		0.00	0.09	0.12	0.17	0.34
Mangistau	14	18		0.00	0.37	0.52	0.73	1.43
Taldykorgan	14	19		0.00	0.37	0.50	0.70	1.31
<b>Subtotal</b>				<b>19.88</b>	<b>39.52</b>	<b>52.82</b>	<b>72.68</b>	<b>131.49</b>
<b>Russia</b>								
East Europe	14	21		0.00	0.59	0.95	1.58	3.61
Central Asia	14	22		0.00	11.81	15.11	19.70	31.96
China	14	23		0.00	0.18	0.24	0.34	0.64
Mongolia	14	24		0.20	0.25	0.34	0.45	0.78
East Asia	14	25		0.00	0.27	0.32	0.38	0.52
Western Asia	14	26		0.21	0.28	0.38	0.51	0.85
Other Asia	14	27		0.02	0.03	0.03	0.04	0.07
West Europe	14	28		0.21	0.26	0.33	0.41	0.61
North America	14	29		0.03	0.03	0.04	0.05	0.08
Oceania, etc.	14	30		0.00	0.01	0.01	0.01	0.01
Africa	14	31		0.00	0.00	0.00	0.00	0.00
Others	14	32		0.00	0.00	0.00	0.00	0.00
<b>Subtotal</b>				<b>1.09</b>	<b>13.72</b>	<b>17.79</b>	<b>23.53</b>	<b>39.21</b>
<b>Total</b>				<b>20.89</b>	<b>53.24</b>	<b>70.61</b>	<b>96.21</b>	<b>170.70</b>

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

(Thousands)

	Code No.		1995	2000	2005	2010	2020
	(1)	(2)					
<b>Kzyl-Orda to/from</b>							
Almaty	15	1	44.40	56.79	75.60	98.99	167.76
West Kazak.	15	2	0.00	2.38	3.34	4.74	8.40
Akt'yubinsk	15	3	0.00	0.22	0.33	0.49	1.05
Karaganda	15	4	0.40	0.79	1.64	3.12	8.45
Kustanay	15	5	1.30	1.75	2.61	3.92	8.24
Atyrau	15	6	0.00	0.84	1.19	1.69	3.38
East Kazak.	15	7	0.00	1.08	1.51	2.12	4.12
South Kazak.	15	8	0.00	7.43	10.48	14.86	29.60
Zhambul	15	9	0.00	2.67	3.79	5.54	11.48
Akmola	15	10	0.00	0.26	0.40	0.62	1.34
Semipalatln.	15	11	0.30	0.43	0.69	1.09	2.49
Kokchetau	15	12	0.00	0.09	0.13	0.19	0.41
Pavlodar	15	13	3.50	4.62	6.65	9.55	19.04
North Kazak.	15	14	0.00	0.90	1.26	1.77	3.46
Kzyl-Orda	15	15	0.00	0.00	0.00	0.00	0.00
Zhezkazgan	15	16	1.40	1.80	2.44	3.24	5.61
Iur'ei	15	17	0.00	0.07	0.11	0.16	0.34
Manqistau	15	18	0.00	0.74	1.05	1.48	2.95
Taldykorgan	15	19	0.00	0.11	0.16	0.23	0.50
<b>Subtotal</b>			<b>51.30</b>	<b>82.98</b>	<b>113.38</b>	<b>153.79</b>	<b>279.61</b>
Russia	15	20	2.88	4.26	7.17	11.83	27.65
East Europe	15	21	0.60	1.23	2.58	4.90	12.90
Central Asia	15	22	0.40	0.57	0.90	1.38	2.88
China	15	23	0.00	1.07	1.50	2.09	3.95
Monqolia	15	24	0.20	0.26	0.35	0.48	0.88
East Asia	15	25	0.18	0.23	0.31	0.39	0.61
Western Asia	15	26	1.66	2.38	3.45	4.59	8.13
Other Asia	15	27	0.14	0.20	0.29	0.38	0.67
West Europe	15	28	1.69	2.22	2.98	3.68	5.77
North America	15	29	0.21	0.28	0.38	0.48	0.77
Oceania, etc.	15	30	0.03	0.04	0.06	0.08	0.13
Africa	15	31	0.00	0.01	0.01	0.01	0.02
Others	15	32	0.00	0.00	0.00	0.00	0.00
<b>Subtotal</b>			<b>8.71</b>	<b>12.75</b>	<b>19.97</b>	<b>30.29</b>	<b>64.37</b>
<b>Total</b>			<b>60.01</b>	<b>95.73</b>	<b>133.35</b>	<b>184.08</b>	<b>343.98</b>
<b>Zhezkazgan to/from</b>							
Almaty	16	1	49.11	54.28	68.16	85.47	130.17
West Kazak.	16	2	0.00	1.36	1.88	2.67	5.21
Akt'yubinsk	16	3	0.12	0.14	0.21	0.34	0.75
Karaganda	16	4	0.00	1.87	2.59	3.72	7.36
Kustanay	16	5	0.00	0.40	0.55	0.79	1.55
Atyrau	16	6	1.69	1.77	2.36	3.17	5.60
East Kazak.	16	7	0.00	0.06	0.08	0.12	0.25
South Kazak.	16	8	0.00	0.49	0.68	0.97	1.98
Zhambul	16	9	0.84	0.91	1.28	1.89	3.77
Akmola	16	10	0.60	0.72	1.16	1.91	4.24
Semipalatln.	16	11	0.72	0.77	1.08	1.53	2.93
Kokchetau	16	12	0.24	0.27	0.42	0.66	1.44
Pavlodar	16	13	0.00	0.43	0.61	0.90	1.90
North Kazak.	16	14	0.00	0.34	0.48	0.69	1.39
Kzyl-Orda	16	15	1.69	1.80	2.44	3.24	5.61
Zhezkazgan	16	16	14.17	16.00	21.59	29.09	51.88
Iur'ei	16	17	0.00	0.13	0.17	0.25	0.48
Manqistau	16	18	0.00	0.34	0.47	0.67	1.32
Taldykorgan	16	19	0.00	0.04	0.05	0.08	0.17
<b>Subtotal</b>			<b>69.18</b>	<b>82.09</b>	<b>106.18</b>	<b>138.15</b>	<b>227.93</b>
Russia	16	20	17.40	21.31	27.20	34.89	55.40
East Europe	16	21	1.60	2.05	2.80	3.90	7.17
Central Asia	16	22	0.00	1.01	1.35	1.82	3.21
China	16	23	2.20	2.74	3.44	4.26	6.38
Monqolia	16	24	0.40	0.47	0.56	0.67	0.91
East Asia	16	25	0.40	0.59	0.78	0.94	1.42
Western Asia	16	26	4.28	5.97	8.31	11.16	19.11
Other Asia	16	27	0.35	0.50	0.70	0.93	1.57
West Europe	16	28	4.37	5.58	7.18	8.94	13.56
North America	16	29	0.54	0.70	0.91	1.15	1.80
Oceania, etc.	16	30	0.08	0.11	0.15	0.19	0.29
Africa	16	31	0.01	0.01	0.02	0.02	0.04
Others	16	32	0.00	0.00	0.01	0.01	0.01
<b>Subtotal</b>			<b>32.50</b>	<b>41.04</b>	<b>53.37</b>	<b>68.90</b>	<b>110.87</b>
<b>Total</b>			<b>101.68</b>	<b>123.13</b>	<b>159.55</b>	<b>207.05</b>	<b>338.80</b>



**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		1995	2000	2005	(Thousands)	
	(i)	(j)				2010	2020
<b>Turgai to/from</b>							
Almaty	17	1	16.90	19.90	24.51	38.76	45.97
West Kazak.	17	2	0.00	0.00	0.00	0.14	0.29
Akt'yubinsk	17	3	0.50	0.62	0.82	1.15	2.10
Karaganda	17	4	0.00	0.51	0.70	1.01	1.96
Kustanay	17	5	0.00	0.39	0.52	0.75	1.44
Atyrau	17	6	0.00	0.01	0.02	0.03	0.06
East Kazak.	17	7	0.00	0.02	0.03	0.05	0.11
South Kazak.	17	8	3.00	3.51	4.45	5.80	9.38
Zhambul	17	9	0.00	0.02	0.03	0.05	0.11
Akmola	17	10	0.00	0.18	0.25	0.38	0.74
Semipalat'in.	17	11	0.00	0.01	0.02	0.03	0.07
Kokchetov	17	12	0.00	0.12	0.16	0.23	0.44
Paylodar	17	13	0.00	0.27	0.37	0.53	1.03
North Kazak.	17	14	0.00	0.09	0.12	0.17	0.34
Kzyl-Orda	17	15	0.00	0.07	0.11	0.16	0.34
Zhezkazgan	17	16	0.00	0.13	0.17	0.25	0.48
Turgai	17	17	0.00	0.00	0.00	0.00	0.00
Mangistau	17	18	0.00	0.10	0.14	0.20	0.39
Taldykorgan	17	19	0.00	0.01	0.01	0.02	0.05
<b>Subtotal</b>			<b>20.40</b>	<b>26.04</b>	<b>32.53</b>	<b>41.69</b>	<b>65.26</b>
Russia	17	20	0.40	0.51	0.71	1.04	2.02
East Europe	17	21	0.00	3.22	4.08	5.32	9.54
Central Asia	17	22	0.00	0.07	0.10	0.13	0.25
China	17	23	0.00	0.08	0.10	0.14	0.28
Monqolia	17	24	0.00	0.00	0.00	0.00	0.00
East Asia	17	25	0.01	0.02	0.02	0.02	0.03
Western Asia	17	26	0.12	0.15	0.20	0.27	0.45
Other Asia	17	27	0.01	0.01	0.02	0.02	0.04
West Europe	17	28	0.12	0.14	0.17	0.22	0.32
North America	17	29	0.02	0.02	0.02	0.03	0.04
Oceania, etc.	17	30	0.00	0.00	0.00	0.00	0.01
Africa	17	31	0.00	0.00	0.00	0.00	0.00
Others	17	32	0.00	0.00	0.00	0.00	0.00
<b>Subtotal</b>			<b>0.68</b>	<b>4.22</b>	<b>5.43</b>	<b>7.20</b>	<b>11.93</b>
<b>Total</b>			<b>21.08</b>	<b>30.26</b>	<b>37.96</b>	<b>48.89</b>	<b>77.20</b>
<b>Mangistau to/from</b>							
Almaty	18	1	23.49	34.44	43.66	55.55	86.75
West Kazak.	18	2	13.77	16.40	21.85	29.81	52.18
Akt'yubinsk	18	3	3.02	9.52	12.52	16.94	29.54
Karaganda	18	4	0.00	0.90	1.35	1.91	3.71
Kustanay	18	5	6.06	7.03	9.19	12.31	21.16
Atyrau	18	6	54.67	63.05	80.14	101.69	159.81
East Kazak.	18	7	51.59	57.55	69.90	84.45	120.29
South Kazak.	18	8	5.96	6.93	9.05	12.01	20.40
Zhambul	18	9	0.00	0.40	0.55	0.79	1.58
Akmola	18	10	0.00	0.54	0.77	1.15	2.25
Semipalat'in.	18	11	0.00	5.41	6.95	9.34	14.45
Kokchetov	18	12	16.24	18.20	22.81	28.40	43.14
Paylodar	18	13	0.00	25.38	32.25	41.24	65.55
North Kazak.	18	14	0.00	0.37	0.52	0.73	1.43
Kzyl-Orda	18	15	0.00	0.74	1.05	1.48	2.95
Zhezkazgan	18	16	0.00	0.34	0.47	0.67	1.32
Turgai	18	17	0.00	0.10	0.14	0.20	0.39
Mangistau	18	18	0.00	0.00	0.00	0.00	0.00
Taldykorgan	18	19	0.00	3.89	4.93	6.31	10.00
<b>Subtotal</b>			<b>185.80</b>	<b>251.35</b>	<b>318.12</b>	<b>404.37</b>	<b>636.89</b>
Russia	18	20	59.40	64.73	85.28	114.20	195.89
East Europe	18	21	4.60	5.97	8.66	12.90	28.06
Central Asia	18	22	2.40	2.98	4.08	5.70	10.54
China	18	23	6.00	7.28	9.21	11.56	17.68
Monqolia	18	24	1.00	1.18	1.48	1.98	2.98
East Asia	18	25	1.27	1.55	2.01	2.54	3.88
Western Asia	18	26	11.99	15.00	22.10	30.00	52.16
Other Asia	18	27	0.99	1.32	1.87	2.51	4.30
West Europe	18	28	12.24	14.76	19.08	24.04	37.01
North America	18	29	1.50	1.85	2.42	3.10	4.92
Oceania, etc.	18	30	0.24	0.29	0.39	0.50	0.80
Africa	18	31	0.03	0.04	0.05	0.06	0.10
Others	18	32	0.01	0.01	0.02	0.02	0.03
<b>Subtotal</b>			<b>95.67</b>	<b>117.77</b>	<b>156.65</b>	<b>209.02</b>	<b>356.27</b>
<b>Total</b>			<b>281.47</b>	<b>369.12</b>	<b>474.77</b>	<b>613.40</b>	<b>993.16</b>

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

(Thousands)

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
Taldykorgan to/from							
Almaty	19	1	0.00	14.64	19.94	28.17	53.48
West Kazak.	19	2	0.00	11.19	14.08	18.05	28.49
Akiyubinsk	19	3	0.00	0.21	0.29	0.40	0.76
Karaganda	19	4	0.00	0.82	1.12	1.60	3.11
Kustanay	19	5	0.00	0.37	0.49	0.68	1.27
Atyrau	19	6	0.00	3.29	4.18	5.35	8.49
East Kazak.	19	7	0.00	0.68	0.93	1.32	2.56
South Kazak.	19	8	0.00	0.71	0.97	1.37	2.66
Zhambul	19	9	0.00	0.69	0.94	1.37	2.74
Akmola	19	10	0.00	0.69	0.13	0.20	0.42
Semipalatin.	19	11	0.00	0.47	0.65	0.93	1.82
Kokchetau	19	12	0.00	0.03	0.04	0.06	0.12
Pavlodar	19	13	0.00	0.32	0.44	0.65	1.34
North Kazak.	19	14	0.00	0.37	0.50	0.70	1.31
Kzyl-Orda	19	15	0.00	0.11	0.16	0.23	0.50
Zhezkazgan	19	16	0.00	0.04	0.05	0.08	0.17
Turkel	19	17	0.00	0.01	0.01	0.02	0.05
Manqistau	19	18	0.00	3.89	4.93	6.31	10.00
Taldykorgan	19	19	0.00	0.00	0.00	0.00	0.00
Subtotal			0.00	37.92	49.84	67.50	113.29
Russia	19	20	0.00	25.53	32.57	42.39	68.50
East Europe	19	21	0.00	19.00	24.16	31.33	50.20
Central Asia	19	22	0.00	0.22	0.31	0.45	0.91
China	19	23	0.00	0.13	0.19	0.28	0.58
Mongolia	19	24	0.00	3.50	4.18	4.99	6.86
East Asia	19	25	0.00	0.68	0.85	1.01	1.50
Western Asia	19	26	0.00	6.90	9.31	12.35	20.23
Other Asia	19	27	0.00	0.57	0.79	1.03	1.66
West Europe	19	28	0.00	0.45	0.03	0.02	14.34
North America	19	29	0.00	0.81	1.02	1.27	1.91
Oceania, etc.	19	30	0.00	0.13	0.16	0.21	0.31
Africa	19	31	0.00	0.02	0.02	0.03	0.04
Others	19	32	0.00	0.01	0.01	0.01	0.01
Subtotal			0.00	63.93	81.58	105.26	167.06
Total			0.00	101.85	131.42	172.77	286.36

**Appendix-3.3.5 (3) Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

		(Thousands)						
		Code No.		1995	2000	2005	2010	2020
		(1)	(2)					
Almaty to/from								
Almaty	1	1		0.00	0.00	0.00	0.00	0.00
West Kasak.	1	2		1.60	2.42	3.99	6.68	15.72
Akiyubinsk	1	3		36.10	45.44	58.26	76.15	121.72
Karaganda	1	4		82.60	105.13	139.26	187.74	319.60
Kustanay	1	5		29.30	36.62	47.97	64.23	107.46
Atyrau	1	6		31.50	39.66	51.53	67.13	108.41
East Kazak.	1	7		22.10	28.29	38.00	51.96	99.90
South Kazak.	1	8		115.20	143.80	186.89	245.46	399.37
Zhambul	1	9		25.70	33.70	46.62	67.47	128.27
Akmola	1	10		60.00	78.28	107.86	149.34	249.22
Semipalatln.	1	11		49.10	61.67	80.69	105.71	172.79
Kokchetau	1	12		20.00	25.02	33.21	44.32	74.86
Pavlodar	1	13		88.60	113.83	151.76	207.08	362.25
North Kazak.	1	14		13.90	17.80	24.32	33.87	61.31
Kzyl-Orda	1	15		44.40	58.59	81.45	111.32	201.61
Zhezkazgan	1	16		44.10	55.59	72.11	93.39	149.65
Turqai	1	17		16.90	20.39	25.93	33.61	52.84
Mangistau	1	18		28.70	35.33	46.35	61.03	100.59
Taldykorgan	1	19		0.00	15.28	22.13	33.27	69.53
Subtotal				710.60	916.05	1218.32	1639.75	2786.09
Russia	1	20		517.00	625.94	764.28	928.51	1301.82
East Europe	1	21		40.00	51.65	67.00	90.00	147.96
Central Asia	1	22		40.60	50.70	65.01	83.00	130.71
China	1	23		52.40	65.65	81.26	99.51	143.28
Mongolia	1	24		8.60	10.16	11.84	13.87	18.01
East Asia	1	25		11.03	15.15	20.16	26.05	40.43
Western Asia	1	26		103.81	156.95	228.50	323.24	586.27
Other Asia	1	27		8.54	13.11	19.43	27.15	48.32
West Europe	1	28		106.00	144.09	190.42	245.97	385.07
North America	1	29		13.01	18.09	24.35	32.04	52.01
Oceania, etc.	1	30		2.04	2.87	3.91	5.20	8.55
Africa	1	31		0.24	0.35	0.48	0.66	1.10
Others	1	32		0.00	0.11	0.16	0.21	0.37
Subtotal				904.16	1154.81	1477.70	1876.22	2863.91
Total				1614.76	2070.86	2696.02	3515.97	5649.99
West Kasak. to/from								
Almaty	2	1		1.60	2.42	3.99	6.68	15.72
West Kasak.	2	2		0.00	0.00	0.00	0.00	0.00
Akiyubinsk	2	3		0.10	1.16	3.71	8.72	27.59
Karaganda	2	4		0.00	2.25	3.33	5.18	11.55
Kustanay	2	5		0.00	0.64	0.96	1.55	3.65
Atyrau	2	6		5.10	7.48	12.10	20.04	47.68
East Kazak.	2	7		32.20	40.11	51.93	68.34	112.09
South Kazak.	2	8		0.00	2.88	4.16	6.24	13.08
Zhambul	2	9		0.00	1.45	2.10	3.24	7.05
Akmola	2	10		0.00	2.21	3.36	5.29	11.26
Semipalatln.	2	11		0.00	0.79	1.15	1.75	3.74
Kokchetau	2	12		0.00	1.25	1.81	2.73	5.17
Pavlodar	2	13		0.00	2.63	3.81	5.72	12.04
North Kazak.	2	14		0.00	1.50	2.17	3.27	6.93
Kzyl-Orda	2	15		0.00	2.47	3.69	5.55	12.08
Zhezkazgan	2	16		0.00	1.42	2.07	3.13	6.69
Turqai	2	17		0.00	0.07	0.10	0.16	0.39
Mangistau	2	18		13.40	17.03	23.65	33.52	63.34
Taldykorgan	2	19		0.00	11.49	14.99	19.92	33.27
Subtotal				52.40	99.25	139.08	201.03	393.91
Russia	2	20		3.40	6.18	12.11	22.87	60.65
East Europe	2	21		0.00	1.73	3.80	7.61	21.06
Central Asia	2	22		0.40	0.60	0.98	1.64	3.84
China	2	23		1.00	1.33	1.81	2.52	4.54
Mongolia	2	24		0.20	0.26	0.35	0.48	0.86
East Asia	2	25		0.22	0.30	0.40	0.53	0.88
Western Asia	2	26		2.04	3.08	4.54	6.63	12.03
Other Asia	2	27		0.17	0.26	0.39	0.56	1.06
West Europe	2	28		2.08	2.83	3.79	5.04	8.42
North America	2	29		0.26	0.35	0.48	0.66	1.14
Oceania, etc.	2	30		0.04	0.06	0.08	0.11	0.19
Africa	2	31		0.01	0.01	0.01	0.01	0.03
Others	2	32		0.00	0.00	0.00	0.00	0.01
Subtotal				10.60	16.97	28.74	48.65	115.50
Total				63.00	116.22	167.82	249.69	509.41

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

(Thousands)

	Code No.		1995	2000	2005	2010	2020
	(I)	(J)					
<b>Akt'yubinsk to/from</b>							
Almaty	3	1	36.10	45.44	58.26	76.15	121.72
West Kasak	3	2	0.10	1.16	3.71	8.72	27.59
Akt'yubinsk	3	3	0.00	0.00	0.00	0.00	0.00
Karaganda	3	4	2.90	3.86	5.50	8.19	16.46
Kustanay	3	5	0.00	0.37	1.40	2.15	4.64
Atyrau	3	6	0.30	0.47	0.82	1.44	3.66
East Kasak	3	7	0.00	0.41	0.58	0.86	1.83
South Kasak	3	8	0.50	0.70	1.07	1.70	3.78
Zhambul	3	9	0.00	0.49	0.71	1.09	2.33
Akmola	3	10	1.00	1.39	2.17	3.50	7.49
Semipalatinsk	3	11	0.00	0.30	0.43	0.64	1.36
Kokchetav	3	12	0.00	0.07	0.10	0.16	0.37
Pavlodar	3	13	1.10	1.59	2.53	4.16	9.62
North Kasak	3	14	0.00	0.09	0.14	0.23	0.54
Kzyl-Orda	3	15	0.00	0.24	0.37	0.59	1.42
Zhezkazgan	3	16	0.10	0.15	0.25	0.42	1.01
Turqai	3	17	0.50	0.64	0.90	1.33	2.83
Mangistau	3	18	7.80	9.84	13.55	19.18	35.89
Taldykorgan	3	19	0.00	0.22	0.32	0.47	0.98
<b>Subtotal</b>			<b>50.40</b>	<b>68.02</b>	<b>92.80</b>	<b>131.00</b>	<b>243.32</b>
Russia	3	20	13.00	16.90	23.29	33.19	61.73
East Europe	3	21	0.60	1.00	1.81	3.26	8.11
Central Asia	3	22	0.40	0.54	0.80	1.22	2.51
China	3	23	0.80	1.03	1.34	1.76	2.87
Mongolia	3	24	0.20	0.24	0.31	0.39	0.59
East Asia	3	25	0.15	0.22	0.29	0.39	0.62
Western Asia	3	26	1.74	2.58	3.73	5.41	10.19
Other Asia	3	27	0.13	0.19	0.28	0.40	0.75
West Europe	3	28	1.58	2.11	2.71	3.66	5.95
North America	3	29	0.19	0.26	0.35	0.48	0.80
Oceania, etc.	3	30	0.03	0.04	0.06	0.08	0.13
Africa	3	31	0.00	0.01	0.01	0.01	0.02
Others	3	32	0.00	0.00	0.00	0.00	0.01
<b>Subtotal</b>			<b>18.84</b>	<b>25.13</b>	<b>35.04</b>	<b>50.24</b>	<b>94.29</b>
<b>Total</b>			<b>69.24</b>	<b>93.15</b>	<b>127.84</b>	<b>181.24</b>	<b>337.61</b>
<b>Karaganda to/from</b>							
Almaty	4	1	82.60	105.13	139.26	187.74	319.60
West Kasak	4	2	0.00	2.25	9.33	5.18	11.55
Akt'yubinsk	4	3	2.90	3.86	5.50	8.19	16.46
Karaganda	4	4	0.00	0.00	0.00	0.00	0.00
Kustanay	4	5	0.00	1.80	2.62	4.01	8.66
Atyrau	4	6	5.00	7.47	10.33	14.57	27.25
East Kasak	4	7	4.00	5.30	7.67	11.46	23.36
South Kasak	4	8	8.10	10.51	14.83	21.56	42.08
Zhambul	4	9	0.00	0.33	0.50	0.82	1.96
Akmola	4	10	0.00	12.89	19.66	31.02	66.26
Semipalatinsk	4	11	0.10	0.26	0.64	1.35	3.95
Kokchetav	4	12	0.00	2.14	3.14	4.77	10.28
Pavlodar	4	13	0.00	13.83	20.10	30.42	64.82
North Kasak	4	14	0.00	2.20	3.35	5.13	11.16
Kzyl-Orda	4	15	0.40	0.90	2.07	4.16	12.05
Zhezkazgan	4	16	0.00	1.35	2.88	4.40	9.60
Turqai	4	17	0.00	0.54	0.78	1.19	2.55
Mangistau	4	18	0.00	1.02	1.49	2.25	4.78
Taldykorgan	4	19	0.00	0.86	1.25	1.90	4.08
<b>Subtotal</b>			<b>103.90</b>	<b>173.33</b>	<b>239.39</b>	<b>340.11</b>	<b>640.46</b>
Russia	4	20	92.60	114.00	146.57	190.81	304.71
East Europe	4	21	5.00	6.60	9.43	13.87	27.23
Central Asia	4	22	2.60	3.36	4.66	6.62	12.35
China	4	23	6.60	8.29	10.55	13.42	20.72
Mongolia	4	24	1.00	1.18	1.41	1.59	2.31
East Asia	4	25	1.37	1.81	2.40	3.13	4.98
Western Asia	4	26	12.92	18.79	27.25	38.89	72.30
Other Asia	4	27	1.06	1.57	2.32	3.27	5.95
West Europe	4	28	13.19	17.25	22.71	29.59	47.49
North America	4	29	1.62	2.17	2.90	3.85	6.41
Oceania, etc.	4	30	0.25	0.34	0.47	0.63	1.05
Africa	4	31	0.03	0.04	0.06	0.08	0.13
Others	4	32	0.01	0.01	0.02	0.02	0.04
<b>Subtotal</b>			<b>138.26</b>	<b>175.42</b>	<b>230.74</b>	<b>305.89</b>	<b>505.70</b>
<b>Total</b>			<b>242.16</b>	<b>348.75</b>	<b>470.13</b>	<b>646.00</b>	<b>1146.16</b>

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	(Thousands)	
	(i)	(j)				2010	2020
<b>Kustanay to/from</b>							
Almaty	5	1	29.30	35.62	47.97	64.23	107.46
West Kazak.	5	2	0.00	0.64	0.96	1.55	3.65
Akiyubinsk	5	3	0.00	0.97	1.40	2.15	4.64
Karaganda	5	4	0.00	1.80	2.62	4.01	8.66
Kustanay	5	5	0.00	0.00	0.00	0.00	0.00
Atyrau	5	6	0.70	0.96	1.45	2.28	5.02
East Kazak.	5	7	1.20	1.58	2.30	3.47	7.15
South Kazak.	5	8	0.00	1.13	1.60	2.38	4.84
Zhanbul	5	9	1.10	1.44	2.08	3.18	6.61
Akmoia	5	10	0.00	1.50	2.29	3.64	7.87
Semipalatin.	5	11	0.00	0.08	0.12	0.19	0.43
Kokchetau	5	12	0.00	1.50	2.18	3.30	7.03
Pavlodar	5	13	0.00	0.91	1.37	2.16	4.96
North Kazak.	5	14	0.00	1.63	2.36	3.60	7.69
Kzyl-Orda	5	15	1.30	1.85	2.97	4.74	10.89
Zhezkazgan	5	16	0.00	0.41	0.61	0.93	2.03
Turgai	5	17	0.00	0.41	0.58	0.89	1.87
Mangistau	5	18	5.90	7.26	9.94	13.94	25.70
Taldykorgan	5	19	0.00	0.38	0.54	0.80	1.63
<b>Subtotal</b>			<b>39.50</b>	<b>61.07</b>	<b>83.34</b>	<b>117.45</b>	<b>218.12</b>
Russia	5	20	21.00	26.34	35.46	49.07	86.84
East Europe	5	21	3.90	4.93	7.00	10.29	20.07
Central Asia	5	22	4.80	5.90	7.71	10.28	17.05
China	5	23	4.80	5.88	7.32	9.15	13.59
Mongolia	5	24	0.80	0.93	1.12	1.34	1.84
East Asia	5	25	1.02	1.31	1.70	2.21	3.44
Western Asia	5	26	9.64	13.52	19.28	27.39	49.87
Other Asia	5	27	0.79	1.13	1.64	2.30	4.11
West Europe	5	28	9.84	12.41	16.06	20.84	32.75
North America	5	29	1.21	1.56	2.05	2.72	4.42
Oceania, etc.	5	30	0.19	0.25	0.33	0.44	0.73
Africa	5	31	0.02	0.03	0.04	0.06	0.10
Others	5	32	0.01	0.01	0.01	0.02	0.03
<b>Subtotal</b>			<b>57.92</b>	<b>74.19</b>	<b>99.73</b>	<b>136.10</b>	<b>234.85</b>
<b>Total</b>			<b>97.42</b>	<b>135.27</b>	<b>183.07</b>	<b>253.55</b>	<b>452.96</b>
<b>Atyrau to/from</b>							
Almaty	6	1	31.50	39.66	51.53	67.13	108.41
West Kazak.	6	2	5.10	7.40	12.10	20.04	47.68
Akiyubinsk	6	3	0.30	0.47	0.82	1.44	3.66
Karaganda	6	4	5.80	7.47	10.33	14.57	27.25
Kustanay	6	5	0.70	0.96	1.45	2.28	5.02
Atyrau	6	6	0.00	0.00	0.00	0.00	0.00
East Kazak.	6	7	0.00	3.19	4.35	6.03	10.98
South Kazak.	6	8	5.90	6.71	9.11	12.56	22.62
Zhanbul	6	9	0.00	0.33	0.48	0.74	1.62
Akmoia	6	10	3.30	4.34	6.31	9.27	17.45
Semipalatin.	6	11	0.00	4.55	6.07	8.10	13.89
Kokchetau	6	12	0.50	0.66	0.97	1.45	3.00
Pavlodar	6	13	0.00	1.30	1.90	2.85	6.04
North Kazak.	6	14	0.70	0.93	1.36	2.05	4.26
Kzyl-Orda	6	15	0.00	0.88	1.32	1.98	4.34
Zhezkazgan	6	16	1.40	1.82	2.55	3.60	6.80
Turgai	6	17	0.00	0.01	0.02	0.03	0.08
Mangistau	6	18	53.20	64.54	84.59	110.69	182.63
Taldykorgan	6	19	0.00	3.38	4.44	5.90	9.91
<b>Subtotal</b>			<b>107.00</b>	<b>148.67</b>	<b>199.69</b>	<b>270.71</b>	<b>475.65</b>
Russia	6	20	40.00	50.16	66.23	88.85	147.25
East Europe	6	21	2.20	2.96	4.33	6.48	13.20
Central Asia	6	22	1.20	1.55	2.16	3.05	5.67
China	6	23	2.80	3.51	4.45	5.58	8.48
Mongolia	6	24	0.40	0.48	0.60	0.75	1.10
East Asia	6	25	0.50	0.79	1.08	1.44	2.42
Western Asia	6	26	5.45	8.14	12.25	17.84	35.09
Other Asia	6	27	0.45	0.68	1.04	1.50	2.89
West Europe	6	28	5.57	7.48	10.21	13.57	23.05
North America	6	29	0.68	0.84	1.30	1.77	3.11
Oceania, etc.	6	30	0.11	0.15	0.21	0.29	0.51
Africa	6	31	0.01	0.02	0.03	0.04	0.07
Others	6	32	0.00	0.01	0.01	0.01	0.02
<b>Subtotal</b>			<b>59.46</b>	<b>76.86</b>	<b>103.91</b>	<b>140.35</b>	<b>242.86</b>
<b>Total</b>			<b>167.26</b>	<b>225.53</b>	<b>303.60</b>	<b>411.06</b>	<b>718.51</b>

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
	(Thousands)						
<b>East Kazak. to/from</b>							
Almaty	7	1	23.60	28.29	38.00	51.96	90.90
West Kazak.	7	2	34.38	49.11	51.93	68.24	112.93
Aktyubinsk	7	3	0.00	0.41	0.58	0.80	1.83
Karaganda	7	4	4.27	5.30	7.67	11.46	23.36
Kustanay	7	5	1.28	1.58	2.30	3.47	7.15
Atyrau	7	6	0.00	3.19	4.35	6.03	10.90
East Kazak	7	7	8.76	10.82	15.71	23.69	49.83
South Kazak.	7	8	5.02	5.34	8.09	11.29	20.58
Zhambul	7	9	0.00	0.08	0.12	0.19	0.46
Aknoia	7	10	0.43	0.65	1.20	2.21	5.54
Senigalatin.	7	11	0.00	2.62	3.86	5.87	12.70
Kokchetau	7	12	0.00	0.08	0.12	0.19	0.44
Pavlodar	7	13	0.43	1.32	3.44	7.38	21.55
North Kazak.	7	14	0.00	0.12	0.18	0.29	0.69
Kzyl-Orda	7	15	0.00	1.13	1.67	2.48	5.29
Zhezkazgan	7	16	0.00	0.06	0.09	0.15	0.34
Turgai	7	17	0.00	0.03	0.04	0.06	0.14
Manqistau	7	18	53.60	58.58	72.71	89.84	132.74
Taldykorgan	7	19	0.00	0.71	1.03	1.57	3.35
<b>Subtotal</b>			<b>131.76</b>	<b>161.00</b>	<b>213.11</b>	<b>287.35</b>	<b>499.98</b>
<b>Russia</b>	7	20	<b>13.60</b>	<b>17.22</b>	<b>23.23</b>	<b>31.94</b>	<b>56.34</b>
East Europe	7	21	3.20	4.19	5.94	8.63	16.68
Central Asia	7	22	1.60	2.06	2.84	4.00	7.39
China	7	23	4.20	5.30	6.82	8.79	13.88
Hongolia	7	24	0.60	0.72	0.90	1.13	1.68
East Asia	7	25	0.88	1.15	1.52	1.97	3.12
Western Asia	7	26	8.24	11.90	17.26	24.48	45.24
Other Asia	7	27	0.68	0.89	1.47	2.06	3.73
West Europe	7	28	8.42	10.93	14.38	18.63	29.72
North America	7	29	1.03	1.37	1.84	2.43	4.01
Oceania, etc.	7	30	0.16	0.22	0.30	0.39	0.66
Africa	7	31	0.02	0.03	0.04	0.05	0.08
Others	7	32	0.01	0.01	0.01	0.02	0.03
<b>Subtotal</b>			<b>42.63</b>	<b>56.08</b>	<b>76.54</b>	<b>104.52</b>	<b>182.56</b>
<b>Total</b>			<b>174.39</b>	<b>217.08</b>	<b>289.64</b>	<b>391.87</b>	<b>682.54</b>
<b>South Kazak. to/from</b>							
Almaty	8	1	115.20	143.80	186.88	245.46	399.37
West Kazak.	8	2	0.00	2.88	4.16	6.24	13.08
Aktyubinsk	8	3	0.50	0.70	1.07	1.70	3.78
Karaganda	8	4	8.10	10.51	14.83	21.58	42.08
Kustanay	8	5	0.00	1.13	1.60	2.38	4.84
Atyrau	8	6	5.30	6.71	9.11	12.56	22.62
East Kazak.	8	7	4.70	5.94	8.09	11.29	20.58
South Kazak.	8	8	0.00	0.00	0.00	0.00	0.00
Zhambul	8	9	0.00	17.56	25.42	39.11	84.32
Aknoia	8	10	1.10	1.55	2.52	4.17	9.23
Senigalatin.	8	11	0.00	0.68	0.98	1.45	3.00
Kokchetau	8	12	0.30	0.43	0.70	1.14	2.65
Pavlodar	8	13	4.10	5.61	8.56	13.38	28.99
North Kazak.	8	14	5.20	6.54	8.90	12.63	23.42
Kzyl-Orda	8	15	0.00	7.78	11.65	17.59	38.68
Zhezkazgan	8	16	0.00	0.51	0.75	1.15	2.49
Turgai	8	17	3.00	3.62	4.70	6.50	11.21
Manqistau	8	18	5.00	7.16	9.70	13.55	24.65
Taldykorgan	8	19	0.00	0.74	1.08	1.63	3.49
<b>Subtotal</b>			<b>153.30</b>	<b>223.01</b>	<b>300.93</b>	<b>413.48</b>	<b>738.43</b>
<b>Russia</b>	8	20	<b>36.40</b>	<b>45.50</b>	<b>60.59</b>	<b>82.01</b>	<b>140.65</b>
East Europe	8	21	1.40	2.01	3.21	5.21	11.62
Central Asia	8	22	0.00	1.65	3.53	6.93	10.73
China	8	23	1.00	2.36	3.24	4.51	8.20
Hongolia	8	24	0.40	0.50	0.65	0.87	1.45
East Asia	8	25	0.39	0.51	0.67	0.85	1.33
Western Asia	8	26	3.69	5.25	7.55	10.61	19.29
Other Asia	8	27	0.30	0.44	0.64	0.89	1.59
West Europe	8	28	3.76	4.82	6.29	8.08	12.67
North America	8	29	0.46	0.60	0.80	1.05	1.71
Oceania, etc.	8	30	0.07	0.10	0.13	0.17	0.28
Africa	8	31	0.01	0.01	0.02	0.02	0.04
Others	8	32	0.00	0.00	0.01	0.01	0.01
<b>Subtotal</b>			<b>49.49</b>	<b>63.73</b>	<b>87.33</b>	<b>121.21</b>	<b>217.57</b>
<b>Total</b>			<b>202.79</b>	<b>287.54</b>	<b>388.26</b>	<b>534.69</b>	<b>956.00</b>

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
	(Thousands)						
Zhambul to/from							
Almaty	9	1	25.16	33.70	46.62	67.47	128.27
West. Kazak.	9	2	0.00	1.45	2.10	3.24	7.95
Akt'yubinsk	9	3	0.00	0.49	0.71	1.09	2.33
Karaganda	9	4	0.00	0.33	0.50	0.82	1.96
Kustanay	9	5	1.12	1.44	2.08	3.18	6.51
Atyrau	9	6	0.00	0.33	0.40	0.74	1.62
East Kazak.	9	7	0.00	0.00	0.12	0.19	0.46
South Kazak.	9	8	0.00	17.56	25.42	39.11	84.32
Zhambul	9	9	0.41	0.00	0.00	0.00	0.00
Akmola	9	10	0.00	0.16	0.26	0.44	1.05
Semipalat'in.	9	11	0.00	0.06	0.09	0.14	0.34
Kokchetav	9	12	0.00	0.06	0.08	0.14	0.33
Pavlodar	9	13	0.00	0.43	0.65	1.05	2.52
North Kazak.	9	14	0.00	0.72	1.03	1.58	3.38
Kzyl-Orda	9	15	0.00	2.78	4.21	6.56	15.00
Zhezkazgan	9	16	0.71	0.96	1.43	2.23	4.84
Turgai	9	17	0.00	0.02	0.04	0.06	0.14
Mangistau	9	18	0.00	0.41	0.60	0.93	2.03
Taldykorgan	9	19	0.00	0.72	1.05	1.63	3.58
Subtotal			28.40	61.69	87.46	130.60	265.84
Russia	9	20	9.60	12.48	17.39	25.38	48.80
East Europe	9	21	2.20	3.00	4.47	6.97	14.80
Central Asia	9	22	1.20	1.91	3.38	6.07	15.26
China	9	23	2.80	3.62	4.79	6.53	11.24
Mongolia	9	24	0.40	0.50	0.65	0.98	1.49
East Asia	9	25	0.61	0.81	1.08	1.49	2.52
Western Asia	9	26	5.73	8.41	12.28	18.50	36.54
Other Asia	9	27	0.47	0.70	1.04	1.56	3.01
West Europe	9	28	5.85	7.72	10.23	14.08	24.00
North America	9	29	0.72	0.97	1.31	1.83	3.24
Oceania, etc.	9	30	0.11	0.15	0.21	0.30	0.53
Africa	9	31	0.01	0.02	0.03	0.04	0.07
Others	9	32	0.00	0.01	0.01	0.01	0.02
Subtotal			29.71	40.31	56.88	83.65	161.54
Total			58.11	102.00	144.33	214.25	427.38
Akmola to/from							
Almaty	10	1	60.00	78.28	107.86	149.34	249.22
West. Kazak.	10	2	0.00	2.21	3.36	5.29	11.26
Akt'yubinsk	10	3	1.00	1.39	2.17	3.50	7.49
Karaganda	10	4	0.00	12.89	19.66	31.02	66.26
Kustanay	10	5	0.00	1.50	2.29	3.64	7.87
Atyrau	10	6	3.30	4.34	6.31	9.27	17.45
East Kazak.	10	7	0.40	0.65	1.20	2.21	5.54
South Kazak.	10	8	1.10	1.55	2.52	4.17	9.28
Zhambul	10	9	0.00	0.16	0.26	0.44	1.05
Akmola	10	10	0.00	0.00	0.00	0.00	0.00
Semipalat'in.	10	11	0.00	0.70	1.09	1.73	3.83
Kokchetav	10	12	0.00	2.43	3.74	5.09	12.67
Pavlodar	10	13	0.00	7.41	11.36	17.97	38.68
North Kazak.	10	14	0.00	1.77	2.73	4.35	9.48
Kzyl-Orda	10	15	0.00	0.27	0.45	0.74	1.81
Zhezkazgan	10	16	0.50	0.76	1.34	2.36	5.71
Turgai	10	17	0.00	0.18	0.28	0.45	0.97
Mangistau	10	18	0.00	0.56	0.86	1.35	2.89
Taldykorgan	10	19	0.00	0.09	0.15	0.24	0.56
Subtotal			67.10	117.15	167.62	243.94	452.01
Russia	10	20	38.40	48.66	66.88	92.38	153.38
East Europe	10	21	5.40	7.12	10.48	15.44	29.00
Central Asia	10	22	2.80	3.62	5.15	7.39	13.14
China	10	23	7.00	8.90	11.78	15.42	23.39
Mongolia	10	24	1.20	1.45	1.84	2.32	3.24
East Asia	10	25	1.45	2.01	3.01	4.34	7.04
Western Asia	10	26	13.69	20.86	34.15	53.79	102.06
Other Asia	10	27	1.13	1.74	2.90	4.52	9.41
West Europe	10	28	13.98	19.15	28.46	40.94	67.04
North America	10	29	1.72	2.40	3.64	5.33	9.06
Oceania, etc.	10	30	0.27	0.38	0.58	0.97	1.49
Africa	10	31	0.03	0.05	0.07	0.11	0.19
Others	10	32	0.01	0.01	0.02	0.04	0.06
Subtotal			87.88	116.35	168.90	242.87	417.50
Total			154.18	233.49	336.52	486.81	869.50

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	(Thousands)	
	(1)	(1)				2010	2020
<b>Semipalatinsk to/from</b>							
Almaty	11	1	52.93	61.67	80.69	105.71	172.79
West Kazak.	11	2	0.00	0.79	1.15	1.75	3.74
Akt'yubinsk	11	3	0.00	0.30	0.43	0.64	1.36
Keraganda	11	4	0.11	0.26	0.64	1.35	3.95
Kustanay	11	5	0.00	0.00	0.12	0.19	0.43
Atyrau	11	6	0.00	4.55	6.97	8.10	13.99
East Kazak.	11	7	0.00	2.62	3.86	5.87	12.70
South Kazak.	11	8	0.00	0.68	0.98	1.45	3.00
Zhambul	11	9	0.00	0.06	0.09	0.14	0.34
Akmola	11	10	0.00	0.70	1.09	1.73	3.83
Semipalatinsk	11	11	4.42	5.44	8.02	12.08	25.92
Kokchetau	11	12	0.00	0.06	0.08	0.13	0.32
Pavlodar	11	13	0.00	6.59	9.67	14.60	31.32
North Kazak.	11	14	0.00	0.08	0.12	0.20	0.47
Kzyl-Orda	11	15	0.32	0.46	0.88	1.35	3.36
Zhezkazgan	11	16	0.65	0.81	1.19	1.79	3.72
Turqai	11	17	0.00	0.02	0.02	0.04	0.09
Manqistau	11	18	0.00	5.55	7.40	9.86	16.87
Taldykorgan	11	19	0.00	0.49	0.72	1.10	2.38
<b>Subtotal</b>			<b>58.43</b>	<b>91.19</b>	<b>123.14</b>	<b>169.07</b>	<b>300.50</b>
<b>Russia</b>							
East Europe	11	21	0.20	0.35	0.69	1.20	3.28
Central Asia	11	22	0.20	0.28	0.45	0.72	1.60
China	11	23	0.40	0.54	0.76	1.09	2.11
Mongolia	11	24	0.00	0.83	1.02	1.24	1.77
East Asia	11	25	0.07	0.09	0.13	0.16	0.27
Western Asia	11	26	0.66	0.96	1.43	2.04	3.89
Other Asia	11	27	0.05	0.08	0.12	0.17	0.32
West Europe	11	28	0.67	0.68	1.19	1.55	2.55
North America	11	29	0.00	0.11	0.15	0.20	0.34
Oceania, etc.	11	30	0.01	0.02	0.02	0.03	0.06
Africa	11	31	0.00	0.00	0.00	0.01	0.01
Others	11	32	0.00	0.00	0.00	0.00	0.00
<b>Subtotal</b>			<b>15.15</b>	<b>20.37</b>	<b>27.97</b>	<b>38.63</b>	<b>69.47</b>
<b>Total</b>			<b>73.58</b>	<b>111.56</b>	<b>151.11</b>	<b>206.69</b>	<b>369.97</b>
<b>Kokchetau to/from</b>							
Almaty	12	1	20.00	25.02	33.21	44.32	74.06
West Kazak.	12	2	0.00	1.25	1.81	2.73	5.77
Akt'yubinsk	12	3	0.00	0.07	0.10	0.16	0.37
Keraganda	12	4	0.00	2.14	3.14	4.77	10.28
Kustanay	12	5	0.00	1.50	2.18	3.30	7.03
Atyrau	12	6	0.50	0.66	0.97	1.45	3.00
East Kazak.	12	7	0.00	0.00	0.12	0.19	0.44
South Kazak.	12	8	0.30	0.43	0.70	1.14	2.65
Zhambul	12	9	0.00	0.06	0.08	0.14	0.33
Akmola	12	10	0.00	2.43	3.74	5.89	12.67
Semipalatinsk	12	11	0.00	0.06	0.08	0.13	0.32
Kokchetau	12	12	0.00	0.00	0.00	0.00	0.00
Pavlodar	12	13	0.00	2.00	2.94	4.45	9.57
North Kazak.	12	14	0.00	3.25	4.75	7.16	15.26
Kzyl-Orda	12	15	0.00	0.09	0.14	0.23	0.55
Zhezkazgan	12	16	0.20	0.29	0.49	0.81	1.93
Turqai	12	17	0.00	0.12	0.18	0.27	0.57
Manqistau	12	18	15.00	10.61	24.01	30.79	49.00
Taldykorgan	12	19	0.00	0.03	0.05	0.07	0.17
<b>Subtotal</b>			<b>36.80</b>	<b>50.08</b>	<b>70.69</b>	<b>107.98</b>	<b>194.76</b>
<b>Russia</b>							
East Europe	12	21	1.20	1.61	2.42	3.69	7.70
Central Asia	12	22	0.60	0.77	1.09	1.58	3.03
China	12	23	1.40	1.75	2.28	2.94	4.71
Mongolia	12	24	0.20	0.24	0.31	0.40	0.62
East Asia	12	25	0.30	0.38	0.52	0.67	1.07
Western Asia	12	26	2.82	3.99	5.66	8.28	15.50
Other Asia	12	27	0.23	0.33	0.50	0.69	1.28
West Europe	12	28	2.08	3.65	4.88	6.30	10.18
North America	12	29	0.35	0.46	0.62	0.82	1.38
Oceania, etc.	12	30	0.06	0.07	0.10	0.13	0.22
Africa	12	31	0.01	0.01	0.01	0.02	0.03
Others	12	32	0.00	0.00	0.00	0.01	0.01
<b>Subtotal</b>			<b>15.05</b>	<b>19.66</b>	<b>27.59</b>	<b>38.39</b>	<b>70.18</b>
<b>Total</b>			<b>51.85</b>	<b>77.75</b>	<b>106.28</b>	<b>146.37</b>	<b>264.94</b>



**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

(Thousands)

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
<b>Pavlodar to/from</b>							
Almaty	13	1	88.80	113.03	151.76	207.08	362.25
West Kazak.	13	2	0.00	2.63	3.81	5.72	12.04
Akt'yubinsk	13	3	1.10	1.59	2.53	4.16	9.62
Karaganda	13	4	0.00	13.83	20.10	30.42	64.82
Kustanay	13	5	0.00	0.31	1.31	2.16	4.95
Atyrau	13	6	0.00	1.30	1.90	2.85	6.04
East Kazak.	13	7	0.40	1.32	3.44	7.38	21.55
South Kazak.	13	8	4.10	5.61	8.56	13.38	28.99
Zhambul	13	9	0.00	0.43	0.65	1.05	2.52
Akmola	13	10	0.00	7.41	11.36	17.97	38.68
Semipalatinsk	13	11	0.00	6.59	9.81	14.60	31.32
Kokchetau	13	12	0.00	2.00	2.94	4.45	9.57
Pavlodar	13	13	0.00	0.00	0.00	0.00	0.00
North Kazak.	13	14	0.00	2.14	3.14	4.79	10.35
Kzyl-Orda	13	15	3.50	4.84	7.44	11.33	24.58
Zhezkazgan	13	16	0.00	0.45	0.69	1.09	2.57
Turgai	13	17	0.00	0.28	0.41	0.63	1.34
Mangistau	13	18	0.00	26.06	34.32	45.49	76.52
Taldykorgan	13	19	0.00	0.33	0.50	0.79	1.80
<b>Subtotal</b>			<b>97.70</b>	<b>190.77</b>	<b>264.58</b>	<b>375.34</b>	<b>709.53</b>
Russia	13	20	43.80	54.50	71.90	96.06	161.18
East Europe	13	21	1.20	1.73	2.77	4.51	10.08
Central Asia	13	22	5.00	6.26	8.35	11.31	19.47
China	13	23	1.60	2.07	2.78	3.77	6.54
Mongolia	13	24	0.20	0.25	0.33	0.44	0.75
East Asia	13	25	0.35	0.46	0.60	0.78	1.22
Western Asia	13	26	3.30	4.73	6.84	9.65	17.69
Other Asia	13	27	0.27	0.39	0.58	0.81	1.46
West Europe	13	28	3.37	4.34	5.70	7.34	11.62
North America	13	29	0.41	0.54	0.73	0.96	1.57
Oceania, etc.	13	30	0.07	0.09	0.12	0.16	0.26
Africa	13	31	0.01	0.01	0.02	0.02	0.03
Others	13	32	0.00	0.00	0.00	0.01	0.01
<b>Subtotal</b>			<b>59.57</b>	<b>75.37</b>	<b>100.74</b>	<b>135.81</b>	<b>231.88</b>
<b>Total</b>			<b>157.27</b>	<b>266.14</b>	<b>365.33</b>	<b>511.14</b>	<b>941.41</b>
<b>North Kazak. to/from</b>							
Almaty	14	1	13.98	17.80	24.32	33.87	61.31
West Kazak.	14	2	0.00	1.50	2.17	3.27	6.93
Akt'yubinsk	14	3	0.00	0.09	0.14	0.23	0.54
Karaganda	14	4	0.00	2.28	3.35	5.13	11.16
Kustanay	14	5	0.00	1.63	2.36	3.60	7.69
Atyrau	14	6	0.70	0.93	1.36	2.05	4.26
East Kazak.	14	7	0.00	0.12	0.18	0.29	0.69
South Kazak.	14	8	5.20	6.54	8.98	12.63	23.42
Zhambul	14	9	0.00	0.72	1.03	1.58	3.38
Akmola	14	10	0.00	1.77	2.73	4.35	9.48
Semipalatinsk	14	11	0.00	0.09	0.12	0.20	0.47
Kokchetau	14	12	0.00	3.25	4.75	7.16	15.26
Pavlodar	14	13	0.00	2.14	3.14	4.79	10.35
North Kazak.	14	14	0.00	0.00	0.00	0.00	0.00
Kzyl-Orda	14	15	0.00	0.93	1.39	2.07	4.45
Zhezkazgan	14	16	0.00	0.36	0.53	0.82	1.82
Turgai	14	17	0.00	0.09	0.13	0.20	0.44
Mangistau	14	18	0.00	0.39	0.57	0.86	1.84
Taldykorgan	14	19	0.00	0.38	0.55	0.82	1.68
<b>Subtotal</b>			<b>19.80</b>	<b>41.01</b>	<b>57.82</b>	<b>83.98</b>	<b>165.14</b>
Russia	14	20	0.40	0.64	1.14	2.01	4.98
East Europe	14	21	0.00	1.20	1.63	2.23	39.57
Central Asia	14	22	0.00	0.19	0.27	0.40	0.82
China	14	23	0.20	0.26	0.36	0.50	0.92
Mongolia	14	24	0.00	0.27	0.33	0.41	0.58
East Asia	14	25	0.02	0.03	0.04	0.05	0.08
Western Asia	14	26	0.21	0.30	0.43	0.62	1.17
Other Asia	14	27	0.02	0.02	0.04	0.05	0.10
West Europe	14	28	0.21	0.27	0.36	0.47	0.77
North America	14	29	0.03	0.03	0.05	0.06	0.10
Oceania, etc.	14	30	0.00	0.01	0.01	0.01	0.02
Africa	14	31	0.00	0.00	0.00	0.00	0.00
Others	14	32	0.00	0.00	0.00	0.00	0.00
<b>Subtotal</b>			<b>1.89</b>	<b>14.22</b>	<b>19.35</b>	<b>26.82</b>	<b>48.09</b>
<b>Total</b>			<b>20.89</b>	<b>55.23</b>	<b>77.17</b>	<b>110.72</b>	<b>213.23</b>

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	2010	2020
	(I)	(II)					
(Thousands)							
Kzyl-Orda to/from							
Almaty	15	1	44.40	58.59	81.45	111.32	201.61
West Kazak	15	2	0.00	2.47	3.69	5.55	12.00
Aktyubinsk	15	3	0.00	0.24	0.37	0.59	1.42
Karaganda	15	4	0.40	0.90	2.07	4.16	12.05
Kustanay	15	5	1.30	1.85	2.97	4.74	10.89
Atyrau	15	6	0.00	0.88	1.32	1.98	4.34
East Kazak	15	7	0.00	1.13	1.67	2.48	5.29
South Kazak	15	8	0.00	7.76	11.65	17.59	38.60
Zhanbul	15	9	0.00	2.78	4.21	6.56	15.00
Aknoia	15	10	0.00	0.27	0.45	0.74	1.81
Semipalatin	15	11	0.30	0.46	0.80	1.35	3.36
Kokchetau	15	12	0.00	0.89	0.14	0.23	0.55
Pavlodar	15	13	3.50	4.84	7.44	11.33	24.58
North Kazak	15	14	0.00	0.93	1.39	2.07	4.45
Kzyl-Orda	15	15	0.00	0.00	0.00	0.00	0.00
Zhezkazgan	15	16	1.40	1.86	2.64	3.65	6.69
Turqai	15	17	0.00	0.08	0.12	0.19	0.46
Mangistau	15	18	0.00	0.77	1.16	1.73	3.79
Taldykorgan	15	19	0.00	0.11	0.18	0.28	0.68
Subtotal			51.30	86.03	123.72	176.55	347.64
Russia	15	20	2.88	4.63	8.54	15.03	38.11
East Europe	15	21	0.60	1.41	3.28	6.57	18.43
Central Asia	15	22	0.48	0.61	1.04	1.69	3.77
China	15	23	0.88	1.11	1.69	2.37	4.83
Mongolia	15	24	0.20	0.27	0.39	0.56	1.11
East Asia	15	25	0.18	0.25	0.36	0.46	0.79
Western Asia	15	26	1.66	2.57	4.03	5.71	11.41
Other Asia	15	27	0.14	0.21	0.34	0.48	0.94
West Europe	15	28	1.69	2.36	3.36	4.34	7.49
North America	15	29	0.21	0.30	0.43	0.57	1.01
Oceania, etc.	15	30	0.03	0.05	0.07	0.09	0.17
Africa	15	31	0.00	0.01	0.01	0.01	0.02
Others	15	32	0.00	0.00	0.00	0.00	0.01
Subtotal			8.71	13.77	23.48	37.88	88.69
Total			60.01	99.80	147.19	214.43	435.73
Zhezkazgan to/from							
Almaty	16	1	49.11	55.59	72.11	93.39	149.65
West Kazak	16	2	0.00	1.42	2.07	3.13	6.69
Aktyubinsk	16	3	0.12	0.15	0.25	0.42	1.01
Karaganda	16	4	0.00	1.95	2.88	4.40	9.68
Kustanay	16	5	0.00	0.41	0.61	0.93	2.03
Atyrau	16	6	1.69	1.82	2.55	3.60	6.80
East Kazak	16	7	0.00	0.06	0.09	0.15	0.34
South Kazak	16	8	0.00	0.51	0.75	1.15	2.49
Zhanbul	16	9	0.84	0.96	1.43	2.23	4.84
Aknoia	16	10	0.60	0.76	1.34	2.36	5.71
Semipalatin	16	11	0.72	0.81	1.19	1.79	3.72
Kokchetau	16	12	0.24	0.29	0.49	0.81	1.93
Pavlodar	16	13	0.00	0.45	0.69	1.09	2.57
North Kazak	16	14	0.00	0.36	0.53	0.82	1.82
Kzyl-Orda	16	15	1.69	1.86	2.64	3.65	6.69
Zhezkazgan	16	16	14.17	16.56	23.38	33.19	63.66
Turqai	16	17	0.00	0.13	0.19	0.29	0.63
Mangistau	16	18	0.00	0.36	0.52	0.79	1.69
Taldykorgan	16	19	0.00	0.84	0.86	0.10	0.23
Subtotal			69.18	84.50	113.79	154.27	272.12
Russia	16	20	17.40	21.95	29.16	38.88	65.57
East Europe	16	21	1.60	2.14	3.11	4.58	9.12
Central Asia	16	22	0.88	1.05	1.47	2.10	3.99
China	16	23	2.20	2.79	3.57	4.52	7.80
Mongolia	16	24	0.48	0.48	0.59	0.71	1.00
East Asia	16	25	0.46	0.62	0.84	1.10	1.81
Western Asia	16	26	4.28	6.40	9.57	13.68	26.27
Other Asia	16	27	0.35	0.53	0.81	1.15	2.16
West Europe	16	28	4.37	5.88	7.97	18.41	17.26
North America	16	29	0.54	0.74	1.02	1.36	2.33
Oceania, etc.	16	30	0.08	0.12	0.16	0.22	0.38
Africa	16	31	0.01	0.01	0.02	0.03	0.05
Others	16	32	0.00	0.00	0.01	0.01	0.02
Subtotal			32.50	42.72	58.31	78.75	136.95
Total			101.68	127.22	172.10	233.02	409.07

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		(Thousands)				
	(i)	(j)	1995	2000	2005	2010	2020
<b>Turkey</b>							
to/from							
Almaty	17	1	16.90	20.39	25.93	33.61	52.84
West Kazak.	17	2	0.00	0.07	0.10	0.16	0.39
Akt'yubinsk	17	3	0.50	0.64	0.90	1.33	2.63
Karaganda	17	4	0.00	0.54	0.78	1.19	2.55
Kustanay	17	5	0.00	0.41	0.58	0.89	1.87
Atyrau	17	6	0.00	0.01	0.02	0.03	0.08
East Kazak.	17	7	0.00	0.03	0.04	0.06	0.14
South Kazak.	17	8	3.00	3.62	4.78	6.50	11.21
Zhambul	17	9	0.00	0.02	0.04	0.06	0.14
Akmola	17	10	0.00	0.18	0.28	0.45	0.97
Semipalatinsk	17	11	0.00	0.02	0.02	0.04	0.09
Kokchetav	17	12	0.00	0.12	0.18	0.27	0.57
Pavlodar	17	13	0.00	0.28	0.41	0.63	1.34
North Kazak.	17	14	0.00	0.09	0.13	0.20	0.44
Kzyl-Orda	17	15	0.00	0.08	0.12	0.19	0.46
Zhezkazgan	17	16	0.00	0.13	0.19	0.29	0.63
Turkey	17	17	0.00	0.00	0.00	0.00	0.00
Mangistau	17	18	0.00	0.11	0.16	0.24	0.50
Taldykorgan	17	19	0.00	0.01	0.02	0.03	0.06
<b>Subtotal</b>			<b>20.40</b>	<b>26.75</b>	<b>34.68</b>	<b>46.16</b>	<b>76.94</b>
Russia	17	20	0.48	0.53	0.80	1.25	2.64
East Europe	17	21	0.00	3.33	4.40	6.00	10.31
Central Asia	17	22	0.00	0.08	0.11	0.16	0.32
China	17	23	0.00	0.08	0.11	0.15	0.27
Mongolia	17	24	0.00	0.00	0.00	0.00	0.00
East Asia	17	25	0.01	0.02	0.02	0.03	0.04
Western Asia	17	26	0.12	0.16	0.23	0.33	0.60
Other Asia	17	27	0.01	0.01	0.02	0.03	0.05
West Europe	17	28	0.12	0.15	0.19	0.25	0.39
North America	17	29	0.02	0.02	0.02	0.03	0.05
Oceania, etc.	17	30	0.00	0.00	0.00	0.00	0.01
Africa	17	31	0.00	0.00	0.00	0.00	0.00
Others	17	32	0.00	0.00	0.00	0.00	0.00
<b>Subtotal</b>			<b>0.68</b>	<b>4.37</b>	<b>5.91</b>	<b>8.23</b>	<b>14.69</b>
<b>Total</b>			<b>21.08</b>	<b>31.12</b>	<b>40.59</b>	<b>54.39</b>	<b>91.63</b>
<b>Mangistau</b>							
to/from							
Almaty	18	1	29.49	35.33	46.35	61.03	100.59
West Kazak.	18	2	13.77	17.03	23.65	33.52	63.34
Akt'yubinsk	18	3	0.02	0.84	13.55	19.18	35.89
Karaganda	18	4	0.00	1.02	1.49	2.25	4.78
Kustanay	18	5	6.06	7.26	9.94	13.94	25.70
Atyrau	18	6	54.67	64.54	84.59	110.69	182.63
East Kazak.	18	7	51.59	58.59	72.71	89.84	132.74
South Kazak.	18	8	5.96	7.16	9.78	13.55	24.65
Zhambul	18	9	0.06	0.41	0.60	0.93	2.03
Akmola	18	10	0.00	0.56	0.86	1.35	2.89
Semipalatinsk	18	11	0.00	5.55	7.40	9.86	16.87
Kokchetav	18	12	16.24	18.61	24.01	30.79	49.00
Pavlodar	18	13	0.00	26.06	34.32	45.49	76.52
North Kazak.	18	14	0.00	0.39	0.57	0.86	1.84
Kzyl-Orda	18	15	0.00	0.77	1.16	1.73	3.79
Zhezkazgan	18	16	0.00	0.36	0.52	0.79	1.69
Turkey	18	17	0.00	0.11	0.16	0.24	0.50
Mangistau	18	18	0.00	0.00	0.00	0.00	0.00
Taldykorgan	18	19	0.00	4.00	5.25	6.96	11.67
<b>Subtotal</b>			<b>185.80</b>	<b>257.59</b>	<b>336.92</b>	<b>443.00</b>	<b>737.11</b>
Russia	18	20	53.40	67.85	92.76	130.16	239.88
East Europe	18	21	4.60	6.31	9.85	15.61	34.36
Central Asia	18	22	2.40	3.11	4.51	6.66	13.95
China	18	23	6.00	7.41	9.59	12.31	19.51
Mongolia	18	24	1.00	1.21	1.50	2.07	3.37
East Asia	18	25	1.27	1.62	2.22	2.94	4.92
Western Asia	18	26	11.99	16.75	25.17	36.47	71.32
Other Asia	18	27	0.99	1.40	2.14	3.06	5.88
West Europe	18	28	12.24	15.36	20.97	27.75	46.84
North America	18	29	1.50	1.93	2.69	3.62	6.33
Oceania, etc.	18	30	0.24	0.31	0.43	0.59	1.04
Africa	18	31	0.03	0.04	0.05	0.07	0.13
Others	18	32	0.01	0.01	0.02	0.02	0.05
<b>Subtotal</b>			<b>95.67</b>	<b>122.54</b>	<b>171.98</b>	<b>241.33</b>	<b>446.98</b>
<b>Total</b>			<b>281.47</b>	<b>380.12</b>	<b>508.89</b>	<b>684.32</b>	<b>1184.09</b>

**Air Passenger Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

(Thousands)

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
Taldykorgan							
to/from							
Almaty	19	1	0.00	15.28	22.13	33.27	69.53
West Kazak	19	2	0.00	11.49	14.99	19.92	33.27
Akiyubinsk	19	3	0.00	0.22	0.32	0.47	0.98
Karaganda	19	4	0.00	0.66	1.25	1.90	4.08
Kustanay	19	5	0.00	0.38	0.54	0.80	1.63
Atyrau	19	6	0.00	3.38	4.44	5.90	9.91
East Kazak	19	7	0.00	0.71	1.03	1.57	3.35
South Kazak	19	8	0.00	0.74	1.09	1.63	3.49
Zhambul	19	9	0.00	0.72	1.05	1.63	3.58
Akmola	19	10	0.00	0.89	0.15	0.24	0.56
Semipalatinsk	19	11	0.00	0.49	0.72	1.10	2.38
Kokchetav	19	12	0.00	0.03	0.05	0.07	0.17
Pavlodar	19	13	0.00	0.33	0.50	0.79	1.80
North Kazak	19	14	0.00	0.38	0.55	0.82	1.68
Kzyl-Orda	19	15	0.00	0.11	0.18	0.28	0.68
Zhezkazgan	19	16	0.00	0.04	0.06	0.10	0.23
Turkey	19	17	0.00	0.01	0.02	0.03	0.06
Mangistau	19	18	0.00	4.00	5.25	6.96	11.67
Taldykorgan	19	19	0.00	0.00	0.00	0.00	0.00
Subtotal			0.00	39.27	54.29	77.46	149.07
Russia	19	20	0.00	28.38	35.20	47.86	82.74
East Europe	19	21	0.00	19.64	26.11	35.38	60.66
Central Asia	19	22	0.00	0.23	0.35	0.54	1.24
China	19	23	0.00	0.14	0.21	0.33	0.76
Mongolia	19	24	0.00	3.57	4.37	5.35	7.64
East Asia	19	25	0.00	0.70	0.92	1.19	1.85
Western Asia	19	26	0.00	7.29	10.48	14.76	26.87
Other Asia	19	27	0.00	0.61	0.89	1.24	2.21
West Europe	19	28	0.00	0.68	0.73	1.22	1.76
North America	19	29	0.00	0.84	1.12	1.46	2.38
Oceania, etc.	19	30	0.00	0.13	0.18	0.24	0.39
Africa	19	31	0.00	0.02	0.02	0.03	0.05
Others	19	32	0.00	0.01	0.01	0.01	0.02
Subtotal			0.00	66.23	88.59	119.61	204.44
Total			0.00	105.49	142.88	197.07	353.51

**Appendix-3.3.5 (4) Summary of Air Passenger Movement by Region Domestic and International by Case**

-- Capital Replacement --		(Departure + Arrivals) (Thousands)					
Name of Airport	1990	1995	2000	2005	2010	2015	2020
<b>Almaty</b>							
Domestic: Low		710.6	863.1	1,064.7	1,331.2	1,656.3	1,981.4
: Medium		710.6	890.4	1,138.9	1,474.0	1,914.2	2,354.4
: High		710.6	916.0	1,218.3	1,639.7	2,212.9	2,786.1
Intn'l : Low		984.2	1,066.4	1,254.2	1,468.9	1,698.9	1,929.0
: Medium		984.2	1,117.6	1,379.3	1,690.0	2,055.2	2,420.5
: High		984.2	1,154.8	1,477.7	1,876.2	2,370.1	2,863.9
Total : Low	4,588.4	1,614.8	1,929.5	2,319.0	2,800.1	3,355.2	3,910.4
: Medium	4,588.4	1,614.8	2,007.9	2,518.2	3,164.0	3,969.5	4,774.9
: High	4,588.4	1,614.8	2,070.9	2,696.0	3,516.0	4,583.0	5,650.0
<b>West Kazakhstan</b>							
Domestic: Low		52.4	92.2	117.4	154.4	204.5	254.7
: Medium		52.4	95.8	127.6	175.4	246.2	317.0
: High		52.4	99.2	139.1	201.0	297.5	393.9
Intn'l : Low		10.6	14.1	20.0	29.6	43.4	57.2
: Medium		10.6	15.7	24.3	38.6	61.1	83.6
: High		10.6	17.0	28.7	48.7	82.1	115.5
Total : Low	365.4	63.0	106.3	137.3	184.0	248.0	311.9
: Medium	365.4	63.0	111.4	151.9	213.9	307.3	400.6
: High	365.4	63.0	116.2	167.8	249.7	379.5	509.4
<b>Aktyubinsk</b>							
Domestic: Low		50.4	63.5	79.2	102.4	132.2	161.9
: Medium		50.4	65.8	85.7	115.4	157.0	198.7
: High		50.4	68.0	92.8	131.0	187.2	243.3
Intn'l : Low		18.8	22.8	29.4	36.6	47.0	57.3
: Medium		18.8	24.1	31.8	43.2	59.0	74.7
: High		18.8	25.1	35.0	50.2	72.3	94.3
Total : Low	844.0	69.2	86.3	107.6	139.1	179.2	219.3
: Medium	844.0	69.2	89.9	117.4	158.6	216.0	273.4
: High	844.0	69.2	93.2	127.8	181.2	259.4	337.6
<b>Karaganda</b>							
Domestic: Low		103.9	161.4	203.0	263.0	340.7	418.5
: Medium		103.9	167.5	220.2	297.8	408.0	518.2
: High		103.9	173.3	239.4	340.1	490.3	640.5
Intn'l : Low		138.3	162.0	194.4	236.4	285.4	334.3
: Medium		138.3	169.5	213.8	272.1	346.0	419.9
: High		138.3	175.4	230.7	305.9	405.8	505.7
Total : Low	1,350.8	242.2	323.3	397.4	499.4	626.1	752.8
: Medium	1,350.8	242.2	337.0	434.0	569.8	753.9	938.0
: High	1,350.8	242.2	348.8	470.1	646.0	896.1	1,146.2
<b>Kustanay</b>							
Domestic: Low		39.5	56.9	70.9	91.3	117.4	143.5
: Medium		39.5	59.0	76.8	103.1	140.1	177.1
: High		39.5	61.1	83.3	117.4	167.8	218.1
Intn'l : Low		57.9	67.3	81.8	99.3	120.6	142.0
: Medium		57.9	71.3	91.3	118.8	154.1	189.4
: High		57.9	74.2	99.7	136.1	185.5	234.8
Total : Low	819.0	97.4	124.3	151.9	190.5	238.0	285.5
: Medium	819.0	97.4	130.4	168.1	221.9	294.2	366.5
: High	819.0	97.4	135.3	183.1	253.5	353.3	453.0
<b>Atyrau</b>							
Domestic: Low		107.8	140.3	175.1	220.7	280.1	339.5
: Medium		107.8	144.6	187.0	243.9	323.2	402.5
: High		107.8	148.7	199.7	270.7	373.2	475.6
Intn'l : Low		59.5	70.7	86.7	106.9	131.9	156.8
: Medium		59.5	74.1	95.8	123.9	161.6	199.2
: High		59.5	76.9	103.9	140.3	191.6	242.9
Total : Low	1,048.2	167.3	211.0	261.8	327.7	412.0	496.3
: Medium	1,048.2	167.3	218.0	282.8	367.8	484.7	601.7
: High	1,048.2	167.3	225.5	303.6	411.1	564.8	718.5
<b>East Kazakhstan</b>							
Domestic: Low		131.8	151.9	186.5	233.1	292.5	351.8
: Medium		131.8	156.6	199.4	258.1	338.9	419.7
: High		131.8	161.0	213.1	287.3	393.7	500.0
Intn'l : Low		42.6	50.3	61.0	74.5	90.5	106.7
: Medium		42.6	53.7	69.7	90.6	118.3	145.9
: High		42.6	56.1	76.5	104.5	143.5	182.6
Total : Low	1,335.6	174.4	202.2	247.5	307.6	383.1	458.5
: Medium	1,335.6	174.4	210.3	269.0	348.7	457.1	565.5
: High	1,335.6	174.4	217.1	289.6	391.9	537.2	682.5

## Summary of Air Passenger Movement by Region Domestic and International by Case

-- Capital Replacement)--		(Departure + Arrivals) (Thousands)					
Name of Airport	1990	1995	2000	2005	2010	2015	2020
<b>South Kazakhstan</b>							
Domestic: Low		153.3	209.7	259.1	327.5	414.5	501.5
: Medium		153.3	216.9	279.1	366.7	488.0	609.3
: High		153.3	223.8	300.9	413.5	576.0	738.4
Intn'l : Low		49.5	58.4	72.0	98.8	114.1	137.5
: Medium		49.5	61.3	79.8	105.5	110.4	175.3
: High		49.5	63.7	87.3	121.2	169.4	217.6
Total : Low	577.0	202.8	268.0	331.1	418.2	528.7	639.1
: Medium	577.0	202.8	278.2	358.9	472.2	628.4	784.5
: High	577.0	202.8	287.5	388.3	534.7	745.3	956.0
<b>Zhambul</b>							
Domestic: Low		28.4	57.0	72.7	98.1	132.1	166.1
: Medium		28.4	59.4	79.6	112.6	161.5	210.4
: High		28.4	61.7	87.5	130.6	198.2	265.8
Intn'l : Low		29.7	35.8	44.3	57.2	73.1	89.0
: Medium		29.7	38.4	51.1	71.0	98.0	125.1
: High		29.7	40.3	56.9	83.6	122.6	161.5
Total : Low	484.4	58.1	92.7	117.0	155.3	205.3	255.2
: Medium	484.4	58.1	97.8	130.8	183.6	259.5	335.4
: High	484.4	58.1	102.0	144.3	214.2	320.8	427.4
<b>Aknota</b>							
Domestic: Low		67.1	109.5	143.5	191.3	246.2	301.1
: Medium		67.1	113.4	155.0	215.1	292.1	369.2
: High		67.1	117.1	167.6	243.9	348.0	452.0
Intn'l : Low		87.1	104.8	133.7	170.2	206.1	241.9
: Medium		87.1	111.5	153.0	208.4	269.5	330.6
: High		87.1	116.3	168.9	242.9	330.2	417.5
Total : Low	846.4	154.2	214.3	277.2	361.5	452.3	543.1
: Medium	846.4	154.2	224.9	307.9	423.5	561.7	699.8
: High	846.4	154.2	233.5	336.5	486.8	678.2	869.5
<b>Senipalalinsk</b>							
Domestic: Low		58.4	85.7	106.8	134.5	170.7	206.9
: Medium		58.4	88.5	114.6	149.9	199.7	249.5
: High		58.4	91.2	123.1	168.1	234.3	300.5
Intn'l : Low		15.2	18.8	23.5	29.7	37.6	45.5
: Medium		15.2	19.6	25.7	33.9	45.2	56.6
: High		15.2	20.4	28.0	38.6	54.0	69.5
Total : Low	732.4	73.6	104.5	130.3	164.1	208.3	252.4
: Medium	732.4	73.6	108.2	140.3	183.7	244.9	306.1
: High	732.4	73.6	111.6	151.1	206.7	288.3	370.0
<b>Kokchetau</b>							
Domestic: Low		36.8	54.5	68.1	86.0	109.5	132.9
: Medium		36.8	56.4	73.1	96.0	128.5	161.0
: High		36.8	58.1	78.7	108.0	151.4	194.8
Intn'l : Low		15.1	17.7	21.8	27.1	33.7	40.3
: Medium		15.1	18.8	25.0	33.0	44.2	55.4
: High		15.1	19.7	27.6	38.4	54.3	70.2
Total : Low	402.4	51.9	72.2	89.9	113.1	143.2	173.3
: Medium	402.4	51.9	75.2	98.1	129.1	172.7	216.4
: High	402.4	51.9	77.7	106.3	146.4	205.7	264.9
<b>Pavlodar</b>							
Domestic: Low		97.7	177.4	223.7	289.0	375.0	461.0
: Medium		97.7	184.2	243.0	327.9	450.2	572.4
: High		97.7	190.8	264.6	375.3	542.4	709.5
Intn'l : Low		59.6	69.8	85.1	105.4	130.1	154.7
: Medium		59.6	72.8	93.0	120.1	155.7	191.3
: High		59.6	75.4	100.7	135.8	183.8	231.9
Total : Low	879.6	157.3	247.2	308.8	394.4	505.1	615.7
: Medium	879.6	157.3	257.0	336.0	448.0	605.9	763.8
: High	879.6	157.3	266.1	365.3	511.1	726.3	941.4
<b>North Kazakhstan</b>							
Domestic: Low		19.8	38.0	48.4	63.6	84.1	104.5
: Medium		19.8	39.5	52.8	72.7	102.1	131.5
: High		19.8	41.0	57.8	83.9	124.5	165.1
Intn'l : Low		1.1	13.2	16.4	20.8	26.3	31.9
: Medium		1.1	13.7	17.8	23.5	31.4	39.2
: High		1.1	14.2	19.4	26.8	37.5	48.1
Total : Low	285.4	20.9	51.2	64.8	84.4	110.4	136.4
: Medium	285.4	20.9	53.2	70.6	96.2	133.5	170.7
: High	285.4	20.9	55.2	77.2	110.7	162.0	213.2

## Summary of Air Passenger Movement by Region Domestic and International by Case

-- Capital Replacement! --		(Departure + Arrivals) (Thousands)					
Name of Airport	1990	1995	2000	2005	2010	2015	2020
<b>Kzyl-Orda</b>							
Domestic: Low		51.3	79.8	104.1	135.2	179.8	224.4
: Medium		51.3	83.0	113.4	153.8	216.7	279.6
: High		51.3	86.0	123.7	176.6	262.1	347.6
Intn'l : Low		8.7	11.5	16.4	23.4	33.8	44.2
: Medium		8.7	12.8	20.0	30.3	47.3	64.4
: High		8.7	13.8	23.5	37.9	63.0	88.1
Total : Low	444.8	60.0	91.4	120.6	158.6	213.6	268.6
: Medium	444.8	60.0	95.7	133.4	184.1	264.0	344.0
: High	444.8	60.0	99.8	147.2	214.4	325.1	435.7
<b>Zhezkazgan</b>							
Domestic: Low		69.2	79.5	99.1	124.4	157.4	190.4
: Medium		69.2	82.1	106.2	138.1	183.0	227.9
: High		69.2	84.5	113.8	154.3	213.2	272.1
Intn'l : Low		32.5	38.8	47.5	58.2	71.3	84.4
: Medium		32.5	41.0	53.4	68.9	89.9	110.9
: High		32.5	42.7	58.3	78.8	107.9	136.9
Total : Low	566.6	101.7	118.3	146.6	182.6	228.7	274.8
: Medium	566.6	101.7	123.1	159.6	207.1	272.9	338.8
: High	566.6	101.7	127.2	172.1	233.0	321.0	409.1
<b>Turgai</b>							
Domestic: Low		20.4	25.3	30.5	37.8	46.5	55.2
: Medium		20.4	26.0	32.5	41.7	53.5	65.3
: High		20.4	26.7	34.7	46.2	61.6	76.9
Intn'l : Low		0.7	4.1	5.0	6.3	8.0	9.6
: Medium		0.7	4.2	5.4	7.2	9.6	11.9
: High		0.7	4.4	5.9	8.2	11.5	14.7
Total : Low	351.8	21.1	29.3	35.5	44.1	54.5	64.8
: Medium	351.8	21.1	30.3	38.0	48.9	63.0	77.2
: High	351.8	21.1	31.1	40.6	54.4	73.0	91.6
<b>Mangistau</b>							
Domestic: Low		185.8	244.6	300.1	370.1	459.1	548.0
: Medium		185.8	251.4	318.1	404.4	520.6	636.9
: High		185.8	257.6	336.9	443.0	590.1	737.1
Intn'l : Low		95.7	111.6	139.4	175.8	222.6	269.4
: Medium		95.7	117.8	156.6	209.0	282.6	356.3
: High		95.7	122.5	172.0	241.3	344.2	447.0
Total : Low	975.8	281.5	356.2	439.4	545.9	681.7	817.4
: Medium	975.8	281.5	369.1	474.8	613.4	803.3	993.2
: High	975.8	281.5	380.1	508.9	684.3	934.2	1,184.1
<b>Taldykorgan</b>							
Domestic: Low		0.0	36.5	45.9	59.4	77.5	95.5
: Medium		0.0	37.9	49.8	67.5	93.4	119.3
: High		0.0	39.3	54.3	77.5	113.3	149.1
Intn'l : Low		0.0	61.0	73.8	90.7	110.8	131.0
: Medium		0.0	63.9	81.6	105.3	136.2	167.1
: High		0.0	66.2	88.6	119.6	162.0	204.4
Total : Low	219.6	0.0	97.5	119.7	150.1	188.3	226.6
: Medium	219.6	0.0	101.9	131.4	172.9	229.6	286.4
: High	219.6	0.0	105.5	142.9	197.1	275.3	353.5
<b>All Regions</b>							
Domestic: Low		1,984.6	2,726.7	3,398.9	4,313.1	5,476.0	6,638.9
: Medium		1,984.6	2,818.3	3,652.9	4,814.1	6,416.8	8,019.6
: High		1,984.6	2,905.2	3,929.4	5,408.1	7,537.4	9,666.6
Intn'l : Low		1,626.6	1,999.1	2,404.5	2,907.5	3,485.3	4,063.1
: Medium		1,626.6	2,101.8	2,668.4	3,393.2	4,305.2	5,217.3
: High		1,626.6	2,179.1	2,889.4	3,835.1	5,091.1	6,347.0
Total : Low	17,117.6	3,611.1	4,725.8	5,803.4	7,220.6	8,961.3	10,702.0
: Medium	17,117.6	3,611.1	4,920.1	6,321.3	8,207.3	10,722.1	13,236.9
: High	17,117.6	3,611.1	5,084.3	6,818.8	9,243.3	12,628.5	16,013.6

Note: Values in 2015 are interpolated

Appendix-3.3.6 (1) Regression Analysis on Relationship between Passenger and Cargo

	Year	Air Pax. (Persons) (X)	Air Cargo (ton) (Y)	Results of Analysis $Y = A + B \cdot X$		
				Constant	X Coef.	R Squared
Akmola	1990	423183	2105.4	0	0.004049	0.894266
	1991	380432	1244.2			
	1992	202294	713.5			
	1993	124811	434.2			
	1994	74654	167.6			
	1995	70908	102.8			
Aktyubinsk	1990	421958	4400.7	0	0.008324	0.857613
	1991	352614	2537.7			
	1992	172893	507.3			
	1993	88798	175.9			
	1994	44585	68.8			
	1995	37672	43.4			
Balkhash	1990	80869	903.9	0	0.007574	0.683388
	1991	75002	584.3			
	1992	52099	149.6			
	1993	39120	93.8			
	1994	21267	11.8			
	1995	11592	7.7			
Zhezkazgan	1990	202362	369.9	0	0.001695	0.846975
	1991	192715	362.5			
	1992	132479	148.8			
	1993	9508	99.5			
	1994	55071	66.8			
	1995	44323	37.4			
Atyrau	1990	524151	1039.4	0	0.002096	0.886105
	1991	429125	859.5			
	1992	276891	617.9			
	1993	160975	539.2			
	1994	101218	328.5			
	1995	84538	99.9			
Karaganda	1990	675360	2779.5	0	0.003393	0.899491
	1991	633968	2021.4			
	1992	386303	1060.1			
	1993	254121	474.8			
	1994	120047	267.2			
	1995	112095	68.6			
Kokchetau	1990	201218	2473.5	0	0.009266	0.694253
	1991	200210	1555.1			
	1992	13461	837.9			
	1993	88474	190.2			
	1994	36088	38.1			
	1995	26182	25.2			
Kustanay	1990	409518	2769.8	0	0.004813	0.775184
	1991	394704	1692.3			
	1992	249952	656.0			
	1993	158663	208.4			
	1994	55096	81.1			
	1995	51194	46.7			
Kzyl-Orda	1990	222435	710.8	0	0.002966	0.854497
	1991	186386	668.7			
	1992	106752	148.6			
	1993	65919	64.3			
	1994	52000	79.9			
	1995	41695	67.5			
Aktau	1990	487935	4126.8	0	0.006707	0.739478
	1991	447984	3419.8			
	1992	333261	1701.4			
	1993	241142	134.6			
	1994	190992	761.3			
	1995	129563	464.8			
Pavlodar	1990	439762	1119.1	0	0.002302	0.955575
	1991	394898	902.9			
	1992	250056	459.3			
	1993	149923	334.3			
	1994	95269	140.8			
	1995	71613	75.3			
Petropavlovsk	1990	142707	1324.0	0	0.008541	0.970059
	1991	119149	986.9			
	1992	71670	486.2			
	1993	41068	348.8			
	1994	18238	51.4			
	1995	8288	28.5			



### Regression Analysis on Relationship between Passenger and Cargo

	Year	Air Pax. (Persons) (X)	Air Cargo (ton) (Y)	Results of Analysis		
				Y = A + B · X		
				Constant	X Coef.	R Squared
Semipalatinsk	1990	366206	3056.0	0	0.007142	0.933088
	1991	342186	2286.1			
	1992	198358	1222.7			
	1993	132596	686.7			
	1994	57196	186.4			
	1995	31621	19.8			
Uralsk	1990	182699	742.2	0	0.003926	0.878981
	1991	145426	480.3			
	1992	82053	422.7			
	1993	53565	142.2			
	1994	36907	188.0			
	1995	29287	198.3			
Total	1990	4780363	27921.0	0	0.0048407	0.89897192
	1991	4294631	19601.7			
	1992	2528682	9132.0			
	1993	1608675	3846.9			
	1994	899348	2357.7			
	1995	750572	1285.9			

Data Source: Statistics of KAZ-AIR.

**Appendix-3.3.6 (2) Ratio of Cargo ton-km by Region in International Air Transportation**

	1985			1991		
	Passenger Pax-km (million) (A)	Cargo Ton-km (million) (B)	Ratio (B) / (A) (C)	Passenger Pax-km (million) (D)	Cargo Ton-km (million) (E)	Ratio (E) / (D) (F)
Asia	163854	9774	0.05965	240572	17000	0.07066
North America	141157	5714	0.04048	232107	9352	0.04029
South America	19834	1331	0.06711	31698	1981	0.06250
Europe	199584	12027	0.06026	271462	17308	0.06376
Africa	28533	1115	0.03908	31150	1061	0.03406
Oceania	24637	1028	0.04173	37155	1568	0.04220
<b>Total</b>	<b>577599</b>	<b>30989</b>	<b>0.05365</b>	<b>844144</b>	<b>48270</b>	<b>0.05718</b>

Source: United Nation "Statistical Yearbook"

**Appendix-3.3.6 (3) Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Low Case)**

to/from	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
( Ton )							
Almaty	1	1	0	0	0	0	0
West. Kasak	1	2	5	8	12	18	34
Aktjubinsk	1	3	300	359	432	530	759
Karaganda	1	4	280	336	412	515	767
Kustanay	1	5	141	166	202	251	368
Atyrau	1	6	66	79	96	118	171
East Kazak	1	7	107	129	159	200	304
South Kazak	1	8	558	658	797	977	1408
Zhambul	1	9	124	152	191	253	409
Aknoia	1	10	246	299	384	496	731
Semipalatın.	1	11	351	417	510	626	911
Kokchetau	1	12	185	218	269	334	495
Pavlodar	1	13	204	244	301	379	574
North Kazak	1	14	119	142	177	227	353
Kzyl-Orda	1	15	132	163	208	263	412
Zhezkazgan	1	16	75	90	109	133	191
Turqai	1	17	82	94	112	137	192
Manqistau	1	18	192	225	276	340	499
Taldykorgan	1	19	0	68	87	117	199
Subtotal			3169	3845	4734	5813	8779
Russia	1	20	2503	2912	3399	3964	5169
East Europe	1	21	198	235	286	353	511
Central Asia	1	22	197	233	279	339	475
China	1	23	254	309	370	440	598
Mongolia	1	24	42	48	55	62	76
East Asia	1	25	631	743	858	972	1194
Western Asia	1	26	5936	7351	8900	10569	14047
Other Asia	1	27	488	611	747	897	1223
West Europe	1	28	6061	7093	8160	9244	11413
North America	1	29	744	882	1026	1176	1483
Oceania, etc.	1	30	117	140	164	188	240
Africa	1	31	14	17	20	23	30
Others	1	32	5	5	6	7	9
Subtotal			17187	20577	24269	28233	36487
<b>Total</b>			<b>20355</b>	<b>24422</b>	<b>29003</b>	<b>34146</b>	<b>45245</b>
West Kasak.							
to/from							
Almaty	2	1	8	10	15	22	42
West Kasak	2	2	0	0	0	0	0
Aktjubinsk	2	3	1	5	16	36	102
Karaganda	2	4	0	7	9	13	23
Kustanay	2	5	0	3	4	5	10
Atyrau	2	6	11	14	26	29	56
East Kazak	2	7	156	184	223	276	404
South Kazak	2	8	0	13	17	22	38
Zhambul	2	9	0	6	8	12	21
Aknoia	2	10	0	8	11	16	28
Semipalatın.	2	11	0	5	7	9	16
Kokchetau	2	12	0	11	14	19	32
Pavlodar	2	13	0	6	7	10	17
North Kazak	2	14	0	12	15	21	36
Kzyl-Orda	2	15	0	7	9	12	22
Zhezkazgan	2	16	0	2	3	4	7
Turqai	2	17	0	0	0	1	1
Manqistau	2	18	90	107	136	177	287
Taldykorgan	2	19	0	53	64	79	118
Subtotal			265	453	577	761	1258
Russia	2	20	13	20	32	54	119
East Europe	2	21	3	5	9	17	40
Central Asia	2	22	2	2	3	4	8
China	2	23	4	5	6	8	13
Mongolia	2	24	1	1	1	1	2
East Asia	2	25	13	14	17	19	25
Western Asia	2	26	117	144	176	213	294
Other Asia	2	27	10	12	15	18	26
West Europe	2	28	119	139	161	186	239
North America	2	29	15	17	20	23	31
Oceania, etc.	2	30	2	3	3	4	5
Africa	2	31	1	1	1	1	1
Others	2	32	0	0	0	0	0
Subtotal			298	363	445	549	803
<b>Total</b>			<b>563</b>	<b>815</b>	<b>1022</b>	<b>1310</b>	<b>2061</b>

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Low Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
( Ton )							
Aktjubinsk to/from							
Almaty	3	1	175	209	251	308	441
West. Kazak.	3	2	0	3	7	17	48
Aktjubinsk	3	3	0	0	0	0	0
Karaganda	3	4	10	12	15	21	35
Kustanay	3	5	0	4	6	7	13
Atyrau	3	6	1	1	1	2	4
East. Kazak.	3	7	0	2	2	3	5
South. Kazak.	3	8	2	3	4	6	10
Zhambul	3	9	0	0	3	4	7
Akmola	3	10	4	5	7	10	18
Semipalatin.	3	11	0	2	2	3	6
Kokchetau	3	12	0	1	1	1	2
Pavlodar	3	13	3	3	4	6	12
North. Kazak.	3	14	0	1	1	1	2
Kzyl-Orda	3	15	0	1	1	1	2
Zhezkazgan	3	16	0	0	0	0	1
Turqai	3	17	2	3	4	5	8
Mangistau	3	18	52	62	78	101	162
Taldykorgan	3	19	0	1	1	2	3
Subtotal			250	313	389	500	781
Russia	3	20	103	130	163	212	308
East. Europe	3	21	5	7	10	17	35
Central Asia	3	22	3	4	5	7	13
China	3	23	7	8	10	13	19
Mongolia	3	24	2	2	2	3	4
East. Asia	3	25	9	11	13	14	18
Western Asia	3	26	99	122	147	177	241
Other Asia	3	27	7	9	11	13	19
West. Europe	3	28	90	105	120	138	174
North. America	3	29	11	13	15	18	23
Oceania, etc.	3	30	2	2	2	3	3
Africa	3	31	0	0	1	1	1
Others	3	32	0	0	0	0	0
Subtotal			344	413	499	616	886
<b>Total</b>			<b>593</b>	<b>727</b>	<b>888</b>	<b>1116</b>	<b>1667</b>
Karaganda to/from							
Almaty	4	1	408	479	587	734	1094
West. Kazak.	4	2	0	8	11	15	26
Aktjubinsk	4	3	24	29	38	51	86
Karaganda	4	4	0	0	0	0	0
Kustanay	4	5	0	8	10	14	24
Atyrau	4	6	12	15	18	24	36
East. Kazak.	4	7	19	23	30	41	69
South. Kazak.	4	8	39	47	60	78	129
Zhambul	4	9	0	1	2	3	5
Akmola	4	10	0	48	65	92	160
Semipalatin.	4	11	1	1	3	5	13
Kokchetau	4	12	0	18	24	32	56
Pavlodar	4	13	0	29	38	51	88
North. Kazak.	4	14	0	18	23	32	56
Kzyl-Orda	4	15	1	2	4	7	17
Zhezkazgan	4	16	0	3	4	5	10
Turqai	4	17	0	2	3	4	7
Mangistau	4	18	0	6	8	11	19
Taldykorgan	4	19	0	4	5	7	12
Subtotal			497	743	932	1205	1909
Russia	4	20	314	366	440	538	768
East. Europe	4	21	17	20	26	35	57
Central Asia	4	22	9	11	13	17	27
China	4	23	22	27	33	40	58
Mongolia	4	24	3	4	4	5	7
East. Asia	4	25	78	90	104	118	148
Western Asia	4	26	739	894	1080	1289	1739
Other Asia	4	27	61	74	90	109	152
West. Europe	4	28	754	862	990	1127	1413
North. America	4	29	93	107	125	144	184
Oceania, etc.	4	30	14	17	20	23	30
Africa	4	31	2	2	2	3	3
Others	4	32	1	1	1	1	1
Subtotal			2187	2476	2928	3448	4585
<b>Total</b>			<b>2684</b>	<b>3219</b>	<b>3860</b>	<b>4653</b>	<b>6494</b>

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Low Case)**

	Code No.		1995	2000	2005	2010	( Ton )	
	(i)	(j)					2020	
Kustanay to/from								
Almaty	5	1	142	167	203	252	370	
West. Kazak.	5	2	0	2	3	4	8	
Akiyubinsk	5	3	0	7	9	13	23	
Karaganda	5	4	0	6	7	10	17	
Kustanay	5	5	0	0	0	0	0	
Atyrau	5	6	1	2	2	3	6	
East Kazak.	5	7	6	7	9	12	21	
South Kazak.	5	8	0	5	6	8	14	
Zhambul	5	9	5	6	8	11	20	
Akmola	5	10	0	6	8	11	19	
Semipalatinsk	5	11	0	0	1	1	2	
Kokchetau	5	12	0	13	16	22	38	
Pavlodar	5	13	0	2	2	3	6	
North Kazak.	5	14	0	13	16	22	39	
Kzyl-Orda	5	15	4	5	7	10	18	
Zhezkazgan	5	16	0	1	1	1	2	
Turqai	5	17	0	2	2	3	5	
Mangistau	5	18	40	45	57	73	116	
Taldykorgan	5	19	0	2	2	3	5	
Subtotal			198	290	361	464	729	
Russia	5	20	101	118	145	185	283	
East Europe	5	21	18	22	28	37	60	
Central Asia	5	22	23	27	32	40	59	
China	5	23	23	27	33	40	55	
Mongolia	5	24	4	4	5	6	7	
East Asia	5	25	58	66	75	85	105	
Western Asia	5	26	551	652	780	929	1237	
Other Asia	5	27	45	54	66	79	107	
West Europe	5	28	563	630	715	813	1005	
North America	5	29	69	78	90	103	131	
Oceania, etc.	5	30	11	13	14	17	21	
Africa	5	31	1	2	2	2	3	
Others	5	32	1	1	1	1	1	
Subtotal			1469	1694	1986	2336	3075	
Total			1666	1984	2347	2800	3804	
Atyrau to/from								
Almaty	6	1	152	182	223	273	396	
West. Kazak.	6	2	20	26	37	54	105	
Akiyubinsk	6	3	2	3	5	8	16	
Karaganda	6	4	20	24	30	39	62	
Kustanay	6	5	3	4	6	8	14	
Atyrau	6	6	0	0	0	0	0	
East Kazak.	6	7	0	14	18	23	37	
South Kazak.	6	8	26	30	38	48	75	
Zhambul	6	9	0	1	2	3	5	
Akmola	6	10	13	16	22	29	48	
Semipalatinsk	6	11	0	31	38	48	72	
Kokchetau	6	12	5	6	7	10	17	
Pavlodar	6	13	0	3	4	5	8	
North Kazak.	6	14	6	7	10	13	23	
Kzyl-Orda	6	15	0	2	3	4	8	
Zhezkazgan	6	16	2	3	4	5	8	
Turqai	6	17	0	0	0	0	0	
Mangistau	6	18	357	412	508	627	933	
Taldykorgan	6	19	0	15	19	24	35	
Subtotal			607	782	973	1220	1862	
Russia	6	20	84	99	122	151	225	
East Europe	6	21	5	6	7	10	17	
Central Asia	6	22	3	3	4	5	8	
China	6	23	6	7	9	11	15	
Mongolia	6	24	1	1	1	1	2	
East Asia	6	25	33	39	46	53	68	
Western Asia	6	26	312	389	479	572	798	
Other Asia	6	27	26	32	40	49	70	
West Europe	6	28	318	370	434	500	648	
North America	6	29	39	46	54	63	84	
Oceania, etc.	6	30	6	7	9	10	14	
Africa	6	31	1	1	1	1	2	
Others	6	32	0	0	1	1	1	
Subtotal			832	994	1201	1427	1951	
Total			1439	1776	2174	2647	3813	

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Low Case)**

	Code No.		1995	2000	2005	2010	2020
	(1)	(2)					
( Ton )							
East Kazak. to/from							
Almaty	7	1	107	128	159	200	304
West Kazak	7	2	126	149	181	224	328
Aktyubinsk	7	3	0	3	4	5	9
Karaganda	7	4	14	16	21	29	49
Kustanay	7	5	6	7	9	12	21
Atyrau	7	6	0	6	8	10	16
East Kazak	7	7	40	48	62	83	144
South Kazak	7	8	23	27	33	43	66
Zhambul	7	9	0	0	0	1	1
Aknoia	7	10	2	2	3	6	12
Semipalatin	7	11	0	17	22	30	53
Kokchetau	7	12	0	1	1	1	2
Pavlodar	7	13	1	2	4	5	23
North Kazak	7	14	0	1	1	2	3
Kzyl-Orda	7	15	0	3	4	5	9
Zhezkazgan	7	16	0	0	0	0	0
Turgai	7	17	0	0	0	0	0
Mangistau	7	18	337	378	449	531	726
Taldykorgan	7	19	0	3	4	5	9
Subtotal			654	793	968	1197	1777
Russia	7	20	66	78	96	122	198
East Europe	7	21	15	19	24	31	51
Central Asia	7	22	8	9	12	15	23
China	7	23	28	29	38	37	54
Mongolia	7	24	3	3	4	5	6
East Asia	7	25	58	57	66	75	93
Western Asia	7	26	471	568	686	816	1098
Other Asia	7	27	39	47	58	69	95
West Europe	7	28	481	548	629	714	891
North America	7	29	59	69	79	91	116
Oceania, etc.	7	30	9	11	13	14	19
Africa	7	31	1	1	2	2	2
Others	7	32	1	1	1	1	1
Subtotal			1224	1434	1698	1991	2634
Total			1878	2227	2666	3188	4411
South Kazak. to/from							
Almaty	8	1	558	658	797	977	1408
West Kazak	8	2	0	18	13	18	31
Aktyubinsk	8	3	4	5	7	10	18
Karaganda	8	4	27	33	42	55	90
Kustanay	8	5	0	9	6	8	14
Atyrau	8	6	11	13	16	21	33
East Kazak	8	7	23	27	33	43	66
South Kazak	8	8	0	0	0	0	0
Zhambul	8	9	0	78	100	136	242
Aknoia	8	10	4	6	8	12	22
Semipalatin	8	11	0	4	6	8	13
Kokchetau	8	12	3	4	5	7	14
Pavlodar	8	13	9	12	15	22	39
North Kazak	8	14	44	52	65	84	132
Kzyl-Orda	8	15	0	21	28	38	67
Zhezkazgan	8	16	0	1	1	1	2
Turgai	8	17	15	16	20	25	38
Mangistau	8	18	39	45	56	72	113
Taldykorgan	8	19	0	3	4	6	10
Subtotal			738	993	1224	1544	2352
Russia	8	20	176	206	252	316	473
East Europe	8	21	7	9	12	17	31
Central Asia	8	22	4	6	11	19	44
China	8	23	9	11	14	18	28
Mongolia	8	24	2	2	3	3	5
East Asia	8	25	22	25	29	33	41
Western Asia	8	26	211	252	302	358	476
Other Asia	8	27	17	21	25	30	41
West Europe	8	28	215	243	277	313	387
North America	8	29	26	30	35	40	50
Oceania, etc.	8	30	4	5	6	6	8
Africa	8	31	1	1	1	1	1
Others	8	32	0	0	0	0	1
Subtotal			694	810	967	1156	1586
Total			1431	1803	2191	2699	3938

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Low Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
( Ton )							
Zhambul to/from							
Almaty	9	1	124	152	191	253	409
West Kazak.	9	2	0	5	7	9	17
Aktyubinsk	9	3	0	4	5	7	12
Karaganda	9	4	0	1	1	2	4
Kustanay	9	5	5	6	8	11	20
Atyrau	9	6	0	1	1	1	2
East Kazak.	9	7	0	0	0	1	1
South Kazak.	9	8	0	78	100	138	242
Zhambul	9	9	2	0	0	0	0
Akmola	9	10	0	1	1	1	2
Semipalatln.	9	11	0	0	0	1	1
Kokchetav	9	12	0	0	1	1	2
Pavlodar	9	13	0	1	1	2	3
North Kazak.	9	14	0	6	7	10	17
Kzyl-Orda	9	15	0	8	10	14	26
Zhezkazgan	9	16	1	1	2	3	5
Turpai	9	17	0	0	0	0	0
Mangistau	9	18	0	3	3	5	8
Taldykorgan	9	19	0	3	4	6	10
Subtotal			133	270	344	463	782
Russia	9	20	46	56	70	94	154
East Europe	9	21	11	13	17	24	43
Central Asia	9	22	6	8	12	19	39
China	9	23	14	17	21	27	42
Mongolia	9	24	2	2	3	3	5
East Asia	9	25	35	40	47	55	71
Western Asia	9	26	328	399	483	596	834
Other Asia	9	27	27	33	41	51	73
West Europe	9	28	335	385	443	521	678
North America	9	29	41	48	55	68	88
Oceania, etc.	9	30	6	7	9	11	14
Africa	9	31	1	1	1	1	2
Others	9	32	0	0	1	1	1
Subtotal			850	1009	1203	1469	2042
<b>Total</b>			<b>983</b>	<b>1279</b>	<b>1547</b>	<b>1933</b>	<b>2824</b>
Akmola to/from							
Almaty	10	1	294	358	459	593	874
West Kazak.	10	2	0	8	11	15	27
Aktyubinsk	10	3	8	10	15	21	37
Karaganda	10	4	0	40	54	77	134
Kustanay	10	5	8	7	9	13	22
Atyrau	10	6	2	8	11	15	25
East Kazak.	10	7	2	3	4	7	14
South Kazak.	10	8	5	7	10	14	26
Zhambul	10	9	0	1	1	1	3
Akmola	10	10	0	0	0	0	0
Semipalatln.	10	11	0	5	6	9	16
Kokchetav	10	12	0	21	28	40	69
Pavlodar	10	13	0	16	21	30	52
North Kazak.	10	14	0	14	19	27	47
Kzyl-Orda	10	15	0	1	1	2	3
Zhezkazgan	10	16	1	1	2	3	5
Turpai	10	17	0	1	1	2	3
Mangistau	10	18	0	3	5	7	12
Taldykorgan	10	19	0	0	1	1	2
Subtotal			318	503	658	875	1370
Russia	10	20	155	186	237	306	450
East Europe	10	21	22	27	35	48	76
Central Asia	10	22	11	14	18	24	36
China	10	23	28	35	44	56	79
Mongolia	10	24	5	6	7	8	11
East Asia	10	25	83	98	122	148	186
Western Asia	10	26	703	974	1265	1603	2188
Other Asia	10	27	65	81	106	136	190
West Europe	10	28	799	939	1160	1491	1778
North America	10	29	98	117	146	178	231
Oceania, etc.	10	30	15	18	23	29	37
Africa	10	31	2	2	3	3	5
Others	10	32	1	1	1	1	2
Subtotal			2858	2497	3168	3941	5269
<b>Total</b>			<b>2385</b>	<b>2939</b>	<b>3826</b>	<b>4816</b>	<b>6640</b>

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Low Case)**

	Code No.		1995	2000	2005	2010	2020
	(1)	(1)					
( Ton )							
Semipalatinsk to/from							
Almaty	11	1	238	283	346	424	618
West. Kazak.	11	2	0	3	4	5	9
Aktyubinsk	11	3	0	2	3	4	7
Karaganda	11	4	0	1	1	2	6
Kustanay	11	5	0	0	0	1	1
Atyrau	11	6	0	9	11	14	21
East Kazak.	11	7	0	12	15	21	36
South Kazak.	11	8	0	3	4	5	9
Zhambul	11	9	0	0	0	0	1
Akmola	11	10	0	9	4	5	9
Semipalatinsk	11	11	29	36	47	63	111
Kokchetau	11	12	0	0	1	1	2
Pavlodar	11	13	0	14	16	24	43
North Kazak.	11	14	0	1	1	1	2
Kzyl-Orda	11	15	1	1	2	3	5
Zhezkazgan	11	16	1	1	2	2	4
Turqai	11	17	0	0	0	0	0
Hangistau	11	18	0	35	44	55	83
Taldykorgan	11	19	0	2	3	4	7
Subtotal			269	406	505	635	973
Russia	11	20	91	108	135	171	262
East Europe	11	21	1	2	3	5	12
Central Asia	11	22	1	2	2	3	6
China	11	23	3	4	5	6	10
Mongolia	11	24	0	6	7	8	10
East Asia	11	25	4	5	5	6	8
Western Asia	11	26	38	46	56	67	91
Other Asia	11	27	3	4	5	6	8
West. Europe	11	28	38	44	51	58	74
North America	11	29	5	6	6	7	10
Oceania, etc.	11	30	1	1	1	1	2
Africa	11	31	0	0	0	0	0
Others	11	32	0	0	0	0	0
Subtotal			185	227	277	339	494
<b>Total</b>			<b>454</b>	<b>632</b>	<b>782</b>	<b>974</b>	<b>1467</b>
Kokchetau to/from							
Almaty	12	1	97	114	141	174	259
West. Kazak.	12	2	0	5	6	8	14
Aktyubinsk	12	3	0	0	1	1	2
Karaganda	12	4	0	7	9	12	20
Kustanay	12	5	0	7	9	12	20
Atyrau	12	6	1	1	2	2	4
East Kazak.	12	7	0	0	0	1	1
South Kazak.	12	8	1	2	3	4	7
Zhambul	12	9	0	0	0	0	1
Akmola	12	10	0	9	12	17	30
Semipalatinsk	12	11	0	0	0	1	1
Kokchetau	12	12	0	0	0	0	0
Pavlodar	12	13	0	4	6	7	13
North Kazak.	12	14	0	25	33	45	78
Kzyl-Orda	12	15	0	0	0	0	1
Zhezkazgan	12	16	0	0	1	1	2
Turqai	12	17	0	1	1	1	2
Hangistau	12	18	106	119	145	176	253
Taldykorgan	12	19	0	0	0	0	0
Subtotal			286	296	368	462	707
Russia	12	20	46	55	70	91	146
East Europe	12	21	11	14	18	24	42
Central Asia	12	22	6	7	8	11	18
China	12	23	13	16	19	24	35
Mongolia	12	24	2	2	3	3	4
East Asia	12	25	17	19	22	26	32
Western Asia	12	26	161	192	233	277	376
Other Asia	12	27	13	16	19	23	33
West. Europe	12	28	165	185	214	242	305
North America	12	29	20	23	27	31	39
Oceania, etc.	12	30	3	3	4	5	6
Africa	12	31	1	1	1	1	1
Others	12	32	0	0	0	0	0
Subtotal			458	531	638	758	1037
<b>Total</b>			<b>664</b>	<b>827</b>	<b>1006</b>	<b>1220</b>	<b>1744</b>



**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Low Case)**

( Ton )

Pavlodar to/from	Code No.		1995	2000	2005	2010	2020
	(1)	(2)					
Almaty	13	1	429	513	633	797	1286
West Kazak.	13	2	0	10	12	17	29
Akt'yubinsk	13	3	9	12	16	23	44
Karaganda	13	4	0	43	55	75	129
Kustanay	13	5	0	4	5	7	13
Atyrau	13	6	0	3	3	4	8
East Kazak.	13	7	2	4	9	19	48
South Kazak.	13	8	20	24	33	45	81
Zhambul	13	9	0	2	2	4	7
Akmola	13	10	0	27	37	53	92
Semipalatinsk	13	11	0	43	56	76	132
Kokchetav	13	12	0	17	22	30	52
Pavlodar	13	13	0	0	0	0	0
North Kazak.	13	14	0	17	22	29	52
Kzyl-Orda	13	15	10	13	18	24	43
Zhezkazgan	13	16	0	1	1	1	2
Turqai	13	17	0	1	2	2	4
Mangistav	13	18	0	165	203	252	375
Taldykorgan	13	19	0	1	2	3	5
Subtotal			478	900	1133	1461	2322
Russia	13	20	101	118	144	178	263
East Europe	13	21	3	3	5	7	13
Central Asia	13	22	12	13	17	21	31
China	13	23	4	5	6	7	11
Mongolia	13	24	0	1	1	1	1
East Asia	13	25	20	23	26	30	37
Western Asia	13	26	189	226	273	324	433
Other Asia	13	27	15	19	23	27	38
West Europe	13	28	193	218	250	283	352
North America	13	29	23	27	31	36	46
Oceania, etc.	13	30	4	5	5	6	7
Africa	13	31	1	1	1	1	1
Others	13	32	0	0	0	0	0
Subtotal			564	658	781	920	1233
Total			1034	1558	1914	2381	3555
North Kazak. to/from							
Almaty	14	1	67	80	101	129	200
West Kazak.	14	2	0	5	7	9	16
Akt'yubinsk	14	3	0	1	1	1	2
Karaganda	14	4	0	7	9	13	22
Kustanay	14	5	0	7	9	13	22
Atyrau	14	6	1	2	2	3	6
East Kazak.	14	7	0	1	1	1	2
South Kazak.	14	8	25	29	37	47	75
Zhambul	14	9	0	3	4	6	10
Akmola	14	10	0	7	9	13	23
Semipalatinsk	14	11	0	0	1	1	2
Kokchetav	14	12	0	28	36	48	84
Pavlodar	14	13	0	5	6	8	14
North Kazak.	14	14	0	0	0	0	0
Kzyl-Orda	14	15	0	3	3	5	8
Zhezkazgan	14	16	0	1	1	1	2
Turqai	14	17	0	0	1	1	1
Mangistav	14	18	0	2	3	4	7
Taldykorgan	14	19	0	2	2	3	5
Subtotal			94	183	233	305	501
Russia	14	20	3	5	7	11	22
East Europe	14	21	0	37	120	151	228
Central Asia	14	22	0	1	2	3	4
China	14	23	2	2	3	4	6
Mongolia	14	24	0	2	3	3	4
East Asia	14	25	1	1	2	2	2
Western Asia	14	26	12	14	17	21	28
Other Asia	14	27	1	1	2	2	2
West Europe	14	28	12	14	16	18	23
North America	14	29	2	2	2	2	3
Oceania, etc.	14	30	0	0	1	1	1
Africa	14	31	0	0	0	0	0
Others	14	32	0	0	0	0	0
Subtotal			33	140	173	216	323
Total			127	322	405	521	824

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Low Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
( Ton )							
Kzyl-Orda to/from							
Almaty	15	1	215	266	340	429	673
West Kazak.	15	2	0	9	12	16	29
Akt'yubinsk	15	3	0	2	2	3	6
Karaganda	15	4	1	2	4	8	20
Kustanay	15	5	6	8	11	16	30
Atyrau	15	6	0	2	2	3	6
East Kazak.	15	7	0	5	7	9	15
South Kazak.	15	8	0	34	46	62	110
Zhambul	15	9	0	12	17	23	43
Akmola	15	10	0	1	1	2	4
Semipalatln.	15	11	2	3	4	6	13
Kokchetau	15	12	0	1	1	1	3
Pavlodar	15	13	0	10	14	19	34
North Kazak.	15	14	0	7	10	13	23
Kzyl-Orda	15	15	0	0	0	0	0
Zhezkazgan	15	16	2	3	4	5	8
Jurget	15	17	0	0	0	0	1
Mangistau	15	18	0	5	6	9	15
Taldykorgan	15	19	0	0	1	1	2
Subtotal			235	371	483	625	1033
Russia	15	20	8	12	18	28	59
East Europe	15	21	2	3	6	11	26
Central Asia	15	22	1	2	2	3	6
China	15	23	2	3	4	5	10
Mongolia	15	24	1	1	1	1	2
East Asia	15	25	10	12	14	17	22
Western Asia	15	26	95	119	151	179	253
Other Asia	15	27	8	10	13	15	22
West Europe	15	28	97	115	138	157	205
North America	15	29	12	14	17	20	27
Oceania, etc.	15	30	2	2	3	3	5
Africa	15	31	0	0	1	1	1
Others	15	32	0	0	0	0	0
Subtotal			238	292	368	441	637
Total			473	663	851	1066	1670
Zhezkazgan to/from							
Almaty	16	1	213	256	311	379	545
West Kazak.	16	2	0	5	7	9	16
Akt'yubinsk	16	3	1	1	2	2	5
Karaganda	16	4	0	6	8	11	19
Kustanay	16	5	0	2	2	3	6
Atyrau	16	6	3	4	5	6	10
East Kazak.	16	7	0	0	0	0	1
South Kazak.	16	8	0	2	3	4	7
Zhambul	16	9	3	4	6	8	14
Akmola	16	10	2	3	4	6	13
Semipalatln.	16	11	4	5	7	9	16
Kokchetau	16	12	2	2	3	5	10
Pavlodar	16	13	0	1	1	2	3
North Kazak.	16	14	0	3	4	5	9
Kzyl-Orda	16	15	4	5	7	9	14
Zhezkazgan	16	16	21	26	34	44	71
Jurget	16	17	0	1	1	1	2
Mangistau	16	18	0	2	3	4	7
Taldykorgan	16	19	0	0	0	0	1
Subtotal			254	328	407	508	768
Russia	16	20	29	35	43	54	80
East Europe	16	21	3	3	4	6	10
Central Asia	16	22	1	2	2	3	4
China	16	23	4	5	6	7	10
Mongolia	16	24	1	1	1	1	1
East Asia	16	25	26	30	35	41	52
Western Asia	16	26	245	301	371	443	609
Other Asia	16	27	20	25	31	38	53
West Europe	16	28	250	290	340	387	495
North America	16	29	31	36	43	49	65
Oceania, etc.	16	30	5	6	7	8	10
Africa	16	31	1	1	1	1	1
Others	16	32	0	0	0	0	1
Subtotal			615	735	883	1037	1390
Total			869	1063	1290	1545	2158

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Low Case)**

( Ton )

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
<b>Turqai to/from</b>							
Almaty	17	1	82	94	112	137	192
West Kazak	17	2	0	0	0	0	1
Aktyubinsk	17	3	4	5	6	8	14
Karaganda	17	4	0	2	2	3	5
Kustanay	17	5	0	2	2	3	5
Alyrau	17	6	0	0	0	0	0
East Kazak	17	7	0	0	0	0	0
South Kazak	17	8	15	16	20	25	38
Zhambul	17	9	0	0	0	0	0
Akmola	17	10	0	1	1	1	2
Semipalatinsk	17	11	0	0	0	0	0
Kokchetov	17	12	0	1	1	2	3
Pavlodar	17	13	0	1	1	1	2
North Kazak	17	14	0	1	1	1	2
Kzyl-Orda	17	15	0	0	0	0	1
Zhezkazgan	17	16	0	0	0	0	1
Turqai	17	17	0	0	0	0	0
Mangistav	17	18	0	1	1	1	2
Taldykorgan	17	19	0	0	0	0	0
<b>Subtotal</b>			<b>100</b>	<b>123</b>	<b>149</b>	<b>184</b>	<b>270</b>
Russia	17	20	2	2	3	4	8
East Europe	17	21	0	15	18	23	34
Central Asia	17	22	0	0	0	1	1
China	17	23	0	0	0	1	1
Mongolia	17	24	0	0	0	0	0
East Asia	17	25	1	1	1	1	1
Western Asia	17	26	7	8	9	11	15
Other Asia	17	27	1	1	1	1	1
West Europe	17	28	7	7	9	10	12
North America	17	29	1	1	1	1	2
Oceania, etc.	17	30	0	0	0	0	0
Africa	17	31	0	0	0	0	0
Others	17	32	0	0	0	0	0
<b>Subtotal</b>			<b>18</b>	<b>36</b>	<b>43</b>	<b>53</b>	<b>75</b>
<b>Total</b>			<b>118</b>	<b>159</b>	<b>192</b>	<b>238</b>	<b>344</b>
<b>Mangistav to/from</b>							
Almaty	18	1	139	162	199	245	360
West Kazak	18	2	53	62	79	103	168
Aktyubinsk	18	3	65	76	96	125	202
Karaganda	18	4	0	3	4	6	10
Kustanay	18	5	28	33	41	53	84
Alyrau	18	6	112	129	159	196	291
East Kazak	18	7	243	273	324	384	524
South Kazak	18	8	28	32	41	52	81
Zhambul	18	9	0	2	2	3	6
Akmola	18	10	0	2	3	4	7
Semipalatinsk	18	11	0	37	47	58	86
Kokchetov	18	12	146	164	200	243	350
Pavlodar	18	13	0	57	70	86	129
North Kazak	18	14	0	3	4	5	9
Kzyl-Orda	18	15	0	2	3	4	7
Zhezkazgan	18	16	0	1	1	1	2
Turqai	18	17	0	0	1	1	1
Mangistav	18	18	0	0	0	0	0
Taldykorgan	18	19	0	18	22	28	41
<b>Subtotal</b>			<b>814</b>	<b>1058</b>	<b>1296</b>	<b>1597</b>	<b>2361</b>
Russia	18	20	358	418	528	681	1080
East Europe	18	21	31	36	51	73	133
Central Asia	18	22	16	19	25	33	56
China	18	23	40	48	59	73	107
Mongolia	18	24	7	8	9	12	17
East Asia	18	25	73	82	96	118	142
Western Asia	18	26	686	810	999	1204	1674
Other Asia	18	27	57	67	84	102	146
West Europe	18	28	700	781	916	1053	1368
North America	18	29	86	97	116	134	177
Oceania, etc.	18	30	14	15	18	22	29
Africa	18	31	2	2	2	3	3
Others	18	32	1	1	1	1	1
<b>Subtotal</b>			<b>2869</b>	<b>2386</b>	<b>2905</b>	<b>3499</b>	<b>4924</b>
<b>Total</b>			<b>2882</b>	<b>3444</b>	<b>4201</b>	<b>5096</b>	<b>7295</b>

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Low Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
Taldykorgan to/from							
Almaty	19	1	0	68	87	117	199
West Kazak.	19	2	0	43	52	64	95
Akt'yubinsk	19	3	0	2	2	3	5
Karaganda	19	4	0	3	3	5	8
Kustanay	19	5	0	2	2	3	5
Atyrau	19	6	0	7	8	10	15
East Kazak.	19	7	0	3	4	5	9
South Kazak.	19	8	0	3	4	5	9
Zhambul	19	9	0	3	4	5	10
Akmola	19	10	0	0	0	1	1
Semipalatin.	19	11	0	3	4	5	10
Kokchetau	19	12	0	0	0	0	1
Pavlodar	19	13	0	1	1	1	2
North Kazak.	19	14	0	3	4	5	9
Kzyl-Orda	19	15	0	0	0	1	1
Zhezkazgan	19	16	0	0	0	0	0
Iurgal	19	17	0	0	0	0	0
Manqistau	19	18	0	25	31	38	57
Taldykorgan	19	19	0	0	0	0	0
Subtotal			0	166	209	271	438
Russia	19	20	0	119	146	194	276
East Europe	19	21	0	89	109	136	202
Central Asia	19	22	0	1	1	2	3
China	19	23	0	1	1	1	2
Mongolia	19	24	0	17	19	23	30
East Asia	19	25	0	38	41	46	57
Western Asia	19	26	0	356	427	506	674
Other Asia	19	27	0	30	36	43	58
West Europe	19	28	0	343	391	482	547
North America	19	29	0	43	49	56	71
Oceania, etc.	19	30	0	7	8	9	11
Africa	19	31	0	1	1	1	2
Others	19	32	0	0	1	1	1
Subtotal			0	1041	1231	1458	1934
Total			0	1207	1440	1721	2373

**Appendix-3.3.6 (4) Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		1995	2000	2005	2010	2020
	(1)	(2)					
( Ton )							
Almaty to/from							
Almaty	1	1	0	0	0	0	0
West Kazak.	1	2	6	9	14	21	46
Aktjubinsk	1	3	300	369	450	579	879
Karaganda	1	4	280	346	441	571	914
Kustanay	1	5	141	171	216	278	438
Atyrau	1	6	66	81	102	129	198
East Kazak.	1	7	187	133	171	224	366
South Kazak.	1	8	558	678	849	1076	1654
Zhambul	1	9	124	158	207	286	505
Akmola	1	10	246	308	410	547	861
Semipalatin.	1	11	351	429	543	687	1063
Kokchetau	1	12	185	225	288	369	587
Pavlodar	1	13	204	252	324	424	693
North Kazak.	1	14	119	147	192	255	431
Kzyl-Orda	1	15	132	168	224	294	490
Zhezkazgan	1	16	75	92	116	145	221
Turgai	1	17	82	96	119	149	223
Mangistau	1	18	192	231	293	373	582
Taldykorgan	1	19	0	71	97	136	259
Subtotal			3169	3966	5062	6542	10418
Russia	1	20	2503	2973	3547	4214	5696
East Europe	1	21	190	243	306	390	603
Central Asia	1	22	197	239	296	369	547
China	1	23	254	313	382	461	645
Mongolia	1	24	42	49	56	64	81
East Asia	1	25	631	819	1037	1281	1841
Western Asia	1	26	5936	8347	11377	15143	24741
Other Asia	1	27	488	695	962	1267	2038
West Europe	1	28	6061	7807	9825	12134	17558
North America	1	29	744	976	1247	1564	2332
Oceania, etc.	1	30	117	155	200	252	380
Africa	1	31	14	19	25	31	49
Others	1	32	5	6	8	10	16
Subtotal			17187	22640	29266	37181	56520
Total			20355	26606	34320	43724	66945
West Kazak. to/from							
Almaty	2	1	8	11	17	26	57
West Kazak	2	2	0	0	0	0	0
Aktjubinsk	2	3	1	7	22	52	166
Karaganda	2	4	0	7	10	15	30
Kustanay	2	5	0	3	4	6	13
Atyrau	2	6	11	15	22	35	75
East Kazak.	2	7	156	139	231	302	470
South Kazak.	2	8	0	13	18	26	49
Zhambul	2	9	0	7	9	13	27
Akmola	2	10	0	9	12	18	35
Semipalatin.	2	11	0	5	7	11	21
Kokchetau	2	12	0	11	15	22	42
Pavlodar	2	13	0	6	8	11	22
North Kazak.	2	14	0	12	17	24	46
Kzyl-Orda	2	15	0	7	10	14	28
Zhezkazgan	2	16	0	2	3	5	9
Turgai	2	17	0	0	0	1	1
Mangistau	2	18	98	111	147	199	350
Taldykorgan	2	19	6	54	68	87	138
Subtotal			265	471	628	865	1568
Russia	2	20	13	22	39	69	109
East Europe	2	21	3	6	12	22	38
Central Asia	2	22	2	2	3	5	11
China	2	23	4	5	7	9	15
Mongolia	2	24	1	1	1	2	3
East Asia	2	25	13	16	21	26	39
Western Asia	2	26	117	164	226	308	531
Other Asia	2	27	10	14	19	26	44
West Europe	2	28	119	153	195	247	377
North America	2	29	15	19	25	32	50
Oceania, etc.	2	30	2	9	4	5	8
Africa	2	31	1	1	1	1	1
Others	2	32	0	0	0	0	0
Subtotal			298	405	551	752	1307
Total			563	876	1179	1617	2874

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
( Ton )							
Aktjubinsk to/from							
Almaty	3	1	175	215	266	337	511
West. Kazak.	3	2	0	4	11	24	74
Aktjubinsk	3	3	0	0	0	0	0
Karaganda	3	4	18	13	17	24	44
Kustanay	3	5	0	4	6	9	17
Atyrau	3	6	1	1	1	2	6
East Kazak.	3	7	0	2	3	4	7
South Kazak.	3	8	2	3	5	7	14
Zhambul	3	9	0	2	3	5	9
Akmola	3	10	4	5	8	12	23
Semipalatin.	3	11	0	2	3	4	8
Kokchetau	3	12	0	1	1	1	3
Pavlodar	3	13	3	3	5	8	17
North Kazak.	3	14	0	1	1	2	3
Kzyl-Orda	3	15	0	1	1	1	3
Zhezkazgan	3	16	0	0	0	1	1
Turqai	3	17	2	3	4	6	10
Mangistau	3	18	52	64	84	114	198
Taldykorgan	3	19	0	1	1	2	4
Subtotal			250	324	420	561	951
Russia	3	20	188	136	177	241	415
East Europe	3	21	5	8	13	21	49
Central Asia	3	22	3	4	6	9	16
China	3	23	7	8	11	14	21
Mongolia	3	24	2	2	2	3	4
East Asia	3	25	9	12	15	19	28
Western Asia	3	26	99	139	186	253	427
Other Asia	3	27	7	10	14	19	31
West Europe	3	28	90	114	144	181	270
North America	3	29	11	14	18	23	36
Oceania, etc.	3	30	2	2	3	3	6
Africa	3	31	0	1	1	1	1
Others	3	32	0	0	0	0	0
Subtotal			344	450	589	786	1305
Total			593	774	1009	1347	2256
Karaganda to/from							
Almaty	4	1	400	494	629	815	1304
West. Kazak.	4	2	0	8	12	17	34
Aktjubinsk	4	3	24	31	42	59	109
Karaganda	4	4	0	0	0	0	0
Kustanay	4	5	0	8	11	16	32
Atyrau	4	6	12	15	20	27	47
East Kazak.	4	7	19	25	33	47	89
South Kazak.	4	8	39	49	65	90	162
Zhambul	4	9	0	2	2	3	7
Akmola	4	10	0	50	72	107	207
Semipalatin.	4	11	1	2	4	7	20
Kokchetau	4	12	0	19	26	37	73
Pavlodar	4	13	0	31	42	59	115
North Kazak.	4	14	0	19	26	37	73
Kzyl-Orda	4	15	1	2	5	9	25
Zhezkazgan	4	16	0	3	4	6	12
Turqai	4	17	0	2	3	5	9
Mangistau	4	18	0	7	9	13	25
Taldykorgan	4	19	0	4	5	8	15
Subtotal			497	770	1011	1363	2358
Russia	4	20	314	377	467	596	888
East Europe	4	21	17	21	29	40	73
Central Asia	4	22	9	11	14	20	34
China	4	23	22	28	34	43	64
Mongolia	4	24	3	4	5	5	7
East Asia	4	25	78	99	125	155	227
Western Asia	4	26	739	1006	1367	1833	3056
Other Asia	4	27	61	84	116	153	252
West Europe	4	28	754	941	1180	1468	2169
North America	4	29	93	118	150	188	288
Oceania, etc.	4	30	14	19	24	30	47
Africa	4	31	2	2	3	4	6
Others	4	32	1	1	1	1	2
Subtotal			2107	2711	3514	4530	7112
Total			2604	3481	4525	5892	9470

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
	(Ton)						
Kustanay to/from							
Almaty	5	1	142	172	217	280	448
West Kazak.	5	2	0	2	3	5	11
Aktyubinsk	5	3	0	8	10	15	30
Karaganda	5	4	0	0	0	11	22
Kustanay	5	5	0	0	0	0	0
Atyrau	5	6	1	2	3	4	8
East Kazak.	5	7	6	6	10	14	27
South Kazak.	5	8	0	5	7	10	18
Zhambul	5	9	5	7	9	13	25
Akmola	5	10	0	6	9	12	24
Semipalatinsk	5	11	0	0	1	1	2
Kokchetau	5	12	0	13	18	26	50
Pavlodar	5	13	0	2	3	4	8
North Kazak.	5	14	0	13	18	26	50
Kzyl-Orda	5	15	4	5	8	12	24
Zhezkazgan	5	16	0	1	1	1	3
Turgai	5	17	0	2	3	4	7
Mangistau	5	18	40	47	62	83	142
Taldykorgan	5	19	0	2	2	3	6
<b>Subtotal</b>			<b>198</b>	<b>301</b>	<b>391</b>	<b>524</b>	<b>898</b>
Russia	5	20	101	122	157	208	343
East Europe	5	21	18	23	30	42	76
Central Asia	5	22	23	28	35	44	69
China	5	23	23	28	34	42	68
Mongolia	5	24	4	4	5	6	8
East Asia	5	25	58	71	89	110	159
Western Asia	5	26	51	72	97	130	213
Other Asia	5	27	45	61	82	109	176
West Europe	5	28	593	682	843	1045	1516
North America	5	29	69	85	107	135	201
Oceania, etc.	5	30	11	14	17	22	33
Africa	5	31	1	2	2	3	4
Others	5	32	1	1	1	1	1
<b>Subtotal</b>			<b>1469</b>	<b>1848</b>	<b>2379</b>	<b>3071</b>	<b>4783</b>
<b>Total</b>			<b>1666</b>	<b>2150</b>	<b>2770</b>	<b>3595</b>	<b>5682</b>
Atyrau to/from							
Almaty	6	1	152	187	236	298	457
West Kazak.	6	2	28	28	42	65	141
Aktyubinsk	6	3	2	4	6	10	22
Karaganda	6	4	20	25	32	44	76
Kustanay	6	5	3	4	6	9	19
Atyrau	6	6	0	0	0	0	0
East Kazak.	6	7	0	15	20	26	44
South Kazak.	6	8	20	31	41	54	91
Zhambul	6	9	0	2	2	3	6
Akmola	6	10	13	17	24	33	58
Semipalatinsk	6	11	0	32	41	52	85
Kokchetau	6	12	5	6	8	11	22
Pavlodar	6	13	0	3	4	6	11
North Kazak.	6	14	0	9	11	15	29
Kzyl-Orda	6	15	0	2	4	5	10
Zhezkazgan	6	16	2	3	4	5	9
Turgai	6	17	0	0	0	0	0
Mangistau	6	18	357	423	537	692	1072
Taldykorgan	6	19	0	16	20	26	41
<b>Subtotal</b>			<b>607</b>	<b>805</b>	<b>1037</b>	<b>1344</b>	<b>2193</b>
Russia	6	20	84	102	130	166	263
East Europe	6	21	5	6	8	12	22
Central Asia	6	22	3	3	4	6	10
China	6	23	6	7	9	11	18
Mongolia	6	24	1	1	1	1	2
East Asia	6	25	33	42	55	70	107
Western Asia	6	26	31	43	60	82	147
Other Asia	6	27	26	36	51	69	128
West Europe	6	28	318	406	525	664	1027
North America	6	29	39	51	66	86	136
Oceania, etc.	6	30	6	8	11	14	22
Africa	6	31	1	1	1	2	3
Others	6	32	0	1	1	1	1
<b>Subtotal</b>			<b>832</b>	<b>1098</b>	<b>1471</b>	<b>1930</b>	<b>3176</b>
<b>Total</b>			<b>1439</b>	<b>1903</b>	<b>2508</b>	<b>3274</b>	<b>5378</b>

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
( Ton )							
East Kazak. to from							
Almaty	7	1	107	133	171	224	366
West Kazak.	7	2	126	154	192	245	391
Akiyubinsk	7	3	0	3	4	6	12
Keraganda	7	4	14	17	23	33	62
Kustanay	7	5	6	7	10	14	27
Atyrau	7	6	0	6	8	11	19
East Kazak.	7	7	40	50	68	97	186
South Kazak.	7	8	23	28	36	48	82
Zhambul	7	9	0	0	0	1	2
Akmola	7	10	2	2	4	7	16
Semipalatinsk	7	11	0	19	25	35	78
Kokchetav	7	12	0	1	1	1	3
Pavlodar	7	13	1	3	6	12	34
North Kazak.	7	14	0	1	1	2	4
Kzyl-Orda	7	15	0	3	4	6	12
Zhezkazgan	7	16	0	0	0	0	0
Turgai	7	17	0	0	0	0	1
Mangistau	7	18	337	386	469	566	607
Taldykorgan	7	19	0	3	5	6	12
Subtotal			654	816	1030	1317	2097
Russia	7	20	65	81	104	136	225
East Europe	7	21	15	19	26	36	64
Central Asia	7	22	8	10	13	17	29
China	7	23	20	25	32	40	68
Mongolia	7	24	3	3	4	5	7
East Asia	7	25	50	62	79	98	143
Western Asia	7	26	471	638	867	1157	1919
Other Asia	7	27	39	53	73	97	158
West Europe	7	28	481	597	748	927	1362
North America	7	29	59	75	95	120	181
Oceania, etc.	7	30	9	12	15	19	30
Africa	7	31	1	1	2	2	3
Others	7	32	1	1	1	1	1
Subtotal			1224	1578	2056	2654	4181
Total			1878	2394	3088	3971	6278
South Kazak. to/from							
Almaty	8	1	558	678	849	1076	1654
West Kazak.	8	2	0	11	15	21	40
Akiyubinsk	8	3	4	5	8	12	24
Keraganda	8	4	27	34	46	63	114
Kustanay	8	5	0	5	7	10	18
Atyrau	8	6	11	14	18	23	39
East Kazak.	8	7	23	28	36	48	82
South Kazak.	8	8	0	0	0	0	0
Zhambul	8	9	0	82	111	161	315
Akmola	8	10	4	5	9	14	29
Semipalatinsk	8	11	0	5	6	9	17
Kokchetav	8	12	3	4	6	9	18
Pavlodar	8	13	9	12	17	26	51
North Kazak.	8	14	44	54	71	95	163
Kzyl-Orda	8	15	0	22	31	44	88
Zhezkazgan	8	16	0	1	1	2	3
Turgai	8	17	15	17	22	28	45
Mangistau	8	18	39	46	61	81	137
Taldykorgan	8	19	0	3	5	7	13
Subtotal			738	1027	1317	1726	2849
Russia	8	20	176	213	272	352	565
East Europe	8	21	7	9	14	21	42
Central Asia	8	22	4	7	14	25	53
China	8	23	9	11	15	20	33
Mongolia	8	24	2	2	3	4	6
East Asia	8	25	22	27	35	43	61
Western Asia	8	26	211	282	381	504	825
Other Asia	8	27	17	23	32	42	68
West Europe	8	28	215	264	329	404	586
North America	8	29	26	33	42	52	78
Oceania, etc.	8	30	4	5	7	9	13
Africa	8	31	1	1	1	1	2
Others	8	32	0	0	1	1	1
Subtotal			694	878	1143	1477	2343
Total			1431	1905	2460	3203	5192



**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

( Ton )

	Code No.		1995	2000	2005	2010	2020
	(I)	(J)					
Zhambul to/from							
Almaty	9	1	124	158	207	286	505
West. Kazak.	9	2	0	5	7	11	22
Akiyubinsk	9	3	0	4	5	8	15
Karaganda	9	4	0	1	2	2	5
Kustanav.	9	5	0	7	9	13	25
Atyrau	9	6	0	1	1	1	3
East Kazak.	9	7	0	0	0	1	2
South Kazak.	9	8	0	82	111	161	315
Zhambul	9	9	2	0	0	0	8
Aknola	9	10	0	1	1	1	3
Semipalatin.	9	11	0	0	1	1	2
Kokchetov	9	12	0	0	1	1	2
Pavlodar	9	13	0	1	1	2	4
North Kazak.	9	14	0	6	8	12	22
Kzyl-Orda	9	15	0	8	11	16	34
Zhezkazgan	9	16	1	2	2	3	6
Turgai	9	17	0	0	0	0	1
Mangistau	9	18	0	3	4	5	11
Taldykorgan	9	19	0	3	5	7	13
Subtotal			133	281	376	531	990
Russia	9	20	46	58	77	107	198
East Europe	9	21	11	14	19	28	55
Central Asia	9	22	6	9	14	23	54
China	9	23	14	17	22	29	48
Mongolia	9	24	2	2	3	4	6
East Asia	9	25	35	44	56	73	112
Western Asia	9	26	328	450	614	861	1518
Other Asia	9	27	27	38	52	72	125
West Europe	9	28	335	421	531	698	1072
North America	9	29	41	53	67	89	142
Oceania, etc.	9	30	6	9	11	14	23
Africa	9	31	1	1	1	2	3
Others	9	32	0	1	1	1	1
Subtotal			850	1115	1468	1993	3348
Total			983	1396	1844	2524	4338
Aknola to/from							
Almaty	10	1	294	369	490	653	1029
West. Kazak.	10	2	0	8	12	18	34
Akiyubinsk	10	3	8	11	16	25	48
Karaganda	10	4	0	42	60	89	173
Kustanav	10	5	0	7	10	15	29
Atyrau	10	6	7	9	12	17	30
East Kazak.	10	7	2	2	5	8	28
South Kazak.	10	8	5	7	11	17	34
Zhambul	10	9	0	1	1	2	4
Aknola	10	10	0	0	0	0	0
Semipalatin.	10	11	0	5	7	10	21
Kokchetov	10	12	0	22	31	46	90
Pavlodar	10	13	0	16	24	35	68
North Kazak.	10	14	0	15	21	31	62
Kzyl-Orda	10	15	0	1	1	2	4
Zhezkazgan	10	16	1	1	2	3	7
Turgai	10	17	0	1	1	2	4
Mangistau	10	18	0	4	5	8	15
Taldykorgan	10	19	0	0	1	1	2
Subtotal			318	521	710	982	1675
Russia	10	20	155	191	253	337	527
East Europe	10	21	22	28	38	54	94
Central Asia	10	22	11	14	19	26	44
China	10	23	28	35	46	59	87
Mongolia	10	24	5	6	7	9	12
East Asia	10	25	83	109	152	205	305
Western Asia	10	26	783	1108	1663	2419	4102
Other Asia	10	27	65	92	141	202	338
West Europe	10	28	799	1036	1436	1938	2912
North America	10	29	98	130	182	250	387
Oceania, etc.	10	30	15	21	29	40	63
Africa	10	31	2	2	3	5	8
Others	10	32	1	1	1	2	3
Subtotal			2068	2772	3972	5547	8881
Total			2385	3293	4682	6529	10557

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		1995	2000	2005	2010	2020
	(1)	(2)					
( Ton )							
Semipalatinsk to/from							
Almaty	11	1	238	291	368	465	721
West Kazak.	11	2	0	3	4	6	11
Akt'yubinsk	11	3	0	2	3	5	9
Karaganda	11	4	0	1	2	3	6
Kustanay	11	5	0	0	0	1	2
Atyrau	11	6	0	9	12	15	25
East Kazak.	11	7	0	12	17	24	47
South Kazak.	11	8	0	3	4	6	11
Zhambui	11	9	0	0	0	1	1
Akmola	11	10	0	9	4	6	12
Semipalatinsk	11	11	29	37	52	73	143
Kokchetau	11	12	0	0	1	1	2
Pavlodar	11	13	0	19	26	28	65
North Kazak.	11	14	0	1	1	1	3
Kzyl-Orda	11	15	1	1	2	3	7
Zhezkazgan	11	16	1	1	2	3	5
Turgai	11	17	0	0	0	0	0
Mangistau	11	18	0	36	47	60	97
Taldykorgan	11	19	0	2	3	5	9
Subtotal			269	419	542	706	1171
Russia	11	20	91	112	145	190	315
East Europe	11	21	1	2	4	7	17
Central Asia	11	22	1	2	3	4	9
China	11	23	3	4	5	7	12
Mongolia	11	24	0	6	1	8	11
East Asia	11	25	4	5	6	8	12
Western Asia	11	26	38	51	71	95	163
Other Asia	11	27	3	4	6	6	13
West Europe	11	28	38	46	62	77	116
North America	11	29	5	6	8	10	15
Oceania, etc.	11	30	1	1	1	2	2
Africa	11	31	0	0	0	0	1
Others	11	32	0	0	0	0	0
Subtotal			185	241	319	416	686
Total			454	660	861	1123	1857
Kokchetau to/from							
Almaty	12	1	97	118	150	193	307
West Kazak	12	2	0	5	6	9	18
Akt'yubinsk	12	3	0	0	1	1	2
Karaganda	12	4	0	7	10	14	27
Kustanay	12	5	0	7	9	13	26
Atyrau	12	6	1	1	2	3	5
East Kazak.	12	7	0	0	0	1	2
South Kazak.	12	8	1	2	3	5	10
Zhambui	12	9	0	0	0	1	1
Akmola	12	10	0	9	14	20	40
Semipalatinsk	12	11	0	0	1	1	2
Kokchetau	12	12	0	0	0	0	0
Pavlodar	12	13	0	4	6	9	17
North Kazak.	12	14	0	27	37	52	101
Kzyl-Orda	12	15	0	0	0	1	1
Zhezkazgan	12	16	0	0	1	1	2
Turgai	12	17	0	1	1	1	2
Mangistau	12	18	106	122	153	190	289
Taldykorgan	12	19	0	0	0	0	1
Subtotal			206	305	394	514	851
Russia	12	20	46	57	76	103	181
East Europe	12	21	11	14	20	29	55
Central Asia	12	22	6	7	9	13	22
China	12	23	13	16	20	25	39
Mongolia	12	24	2	2	3	3	5
East Asia	12	25	17	21	27	33	49
Western Asia	12	26	161	214	294	392	658
Other Asia	12	27	13	18	25	33	54
West Europe	12	28	165	200	254	314	467
North America	12	29	20	25	33	41	62
Oceania, etc.	12	30	3	4	5	6	10
Africa	12	31	1	1	1	1	1
Others	12	32	0	0	0	0	1
Subtotal			458	579	767	993	1604
Total			664	884	1161	1507	2455

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
	( Ton )						
<b>Pavlodar to/from</b>							
Almaty	13	1	429	530	682	891	1457
West Kazak.	13	2	0	10	14	19	37
Akiyubinsk	13	3	9	12	18	28	60
Karaganda	13	4	0	45	61	87	169
Kustanay	13	5	0	4	6	9	18
Atyrau	13	6	0	3	4	5	10
East Kazak.	13	7	2	5	13	26	72
South Kazak.	13	8	20	26	37	54	107
Zhambul	13	9	0	2	3	4	9
Akmola	13	10	0	29	41	62	120
Semipalatinsk	13	11	0	45	62	88	172
Kokchetav	13	12	0	19	24	35	68
Pavlodar	13	13	0	0	0	0	0
North Kazak.	13	14	0	18	24	35	68
Kzyl-Orda	13	15	10	14	20	28	56
Zhezkazgan	13	16	0	1	1	2	3
Turpai	13	17	0	1	2	3	5
Mangistau	13	18	0	170	216	277	440
Taldykorgan	13	19	0	2	2	3	6
<b>Subtotal</b>			<b>470</b>	<b>934</b>	<b>1230</b>	<b>1655</b>	<b>2877</b>
Russia	13	20	101	122	154	198	312
East Europe	13	21	3	4	6	8	17
Central Asia	13	22	12	14	18	23	37
China	13	23	4	5	6	8	13
Mongolia	13	24	0	1	1	1	1
East Asia	13	25	20	25	31	39	56
Western Asia	13	26	189	254	344	457	753
Other Asia	13	27	15	21	29	38	62
West Europe	13	28	193	237	297	366	535
North America	13	29	23	30	38	47	71
Oceania, etc.	13	30	4	5	6	7	11
Africa	13	31	1	1	1	1	2
Others	13	32	0	0	0	0	1
<b>Subtotal</b>			<b>564</b>	<b>717</b>	<b>931</b>	<b>1193</b>	<b>1871</b>
<b>Total</b>			<b>1034</b>	<b>1651</b>	<b>2161</b>	<b>2848</b>	<b>4747</b>
<b>North Kazak. to/from</b>							
Almaty	14	1	67	83	109	145	244
West Kazak.	14	2	0	6	8	11	21
Akiyubinsk	14	3	0	1	1	2	3
Karaganda	14	4	0	7	10	15	29
Kustanay	14	5	0	8	10	15	28
Atyrau	14	6	1	2	3	4	7
East Kazak.	14	7	0	1	1	1	2
South Kazak.	14	8	25	31	40	54	92
Zhambul	14	9	0	3	5	7	13
Akmola	14	10	0	7	10	15	29
Semipalatinsk	14	11	0	1	1	1	2
Kokchetav	14	12	0	29	40	56	109
Pavlodar	14	13	0	5	6	9	18
North Kazak.	14	14	0	0	0	0	0
Kzyl-Orda	14	15	0	3	4	5	10
Zhezkazgan	14	16	0	1	1	1	2
Turpai	14	17	0	0	1	1	2
Mangistau	14	18	0	2	3	5	10
Taldykorgan	14	19	0	2	2	3	6
<b>Subtotal</b>			<b>94</b>	<b>190</b>	<b>254</b>	<b>349</b>	<b>630</b>
Russia	14	20	3	5	8	13	31
East Europe	14	21	0	101	129	168	273
Central Asia	14	22	0	2	2	3	5
China	14	23	2	2	3	4	7
Mongolia	14	24	0	2	3	3	4
East Asia	14	25	1	2	2	2	3
Western Asia	14	26	12	16	22	29	49
Other Asia	14	27	1	1	2	2	4
West Europe	14	28	12	15	19	23	35
North America	14	29	2	2	2	3	5
Oceania, etc.	14	30	0	1	1	1	1
Africa	14	31	0	0	0	0	0
Others	14	32	0	0	0	0	0
<b>Subtotal</b>			<b>33</b>	<b>148</b>	<b>192</b>	<b>252</b>	<b>417</b>
<b>Total</b>			<b>127</b>	<b>336</b>	<b>446</b>	<b>601</b>	<b>1047</b>

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

(Ton)

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
<b>Kzyl-Orda to/from</b>							
Almaty	15	1	215	275	366	479	812
West Kasak	15	2	0	9	13	19	37
Aktyubinsk	15	3	0	2	3	4	9
Karaganda	15	4	1	3	6	11	29
Kustanay	15	5	6	8	13	19	48
Atyrau	15	6	0	2	2	4	7
East Kazak	15	7	0	5	7	10	28
South Kazak	15	8	0	36	51	72	143
Zhambul	15	9	0	13	18	27	56
Akmola	15	10	0	1	2	3	5
Semipalatin	15	11	2	3	5	8	18
Kokchetau	15	12	0	1	1	2	4
Pavlodar	15	13	8	11	15	22	44
North Kazak	15	14	0	8	11	15	38
Kzyl-Orda	15	15	0	0	0	0	0
Zhezkazgan	15	16	2	3	4	5	18
Turqai	15	17	0	0	1	1	2
Mangistau	15	18	0	5	7	10	28
Taldykorgan	15	19	0	1	1	1	2
<b>Subtotal</b>			<b>235</b>	<b>385</b>	<b>525</b>	<b>710</b>	<b>1286</b>
Russia	15	20	8	13	21	35	82
East Europe	15	21	2	4	8	15	38
Central Asia	15	22	1	2	3	4	9
China	15	23	2	3	4	6	12
Mongolia	15	24	1	1	1	1	3
East Asia	15	25	18	13	18	22	35
Western Asia	15	26	95	136	197	262	465
Other Asia	15	27	8	11	17	22	38
West Europe	15	28	97	127	178	218	338
North America	15	29	12	16	22	27	44
Oceania, etc.	15	30	2	2	3	5	7
Africa	15	31	0	1	1	1	1
Others	15	32	0	0	0	0	0
<b>Subtotal</b>			<b>238</b>	<b>328</b>	<b>465</b>	<b>611</b>	<b>1064</b>
<b>Total</b>			<b>473</b>	<b>714</b>	<b>990</b>	<b>1321</b>	<b>2349</b>
<b>Zhezkazgan to/from</b>							
Almaty	16	1	213	263	330	414	638
West Kasak	16	2	0	5	7	10	28
Aktyubinsk	16	3	1	1	2	3	6
Karaganda	16	4	0	6	9	13	25
Kustanay	16	5	0	2	3	4	7
Atyrau	16	6	3	4	5	7	12
East Kazak	16	7	0	0	0	1	1
South Kazak	16	8	0	2	3	5	9
Zhambul	16	9	3	4	6	9	18
Akmola	16	10	2	3	5	8	17
Semipalatin	16	11	4	5	8	11	21
Kokchetau	16	12	2	3	4	6	13
Pavlodar	16	13	0	1	1	2	4
North Kazak	16	14	0	3	4	6	12
Kzyl-Orda	16	15	4	5	7	10	17
Zhezkazgan	16	16	21	27	36	49	83
Turqai	16	17	0	1	1	1	2
Mangistau	16	18	0	2	3	4	9
Taldykorgan	16	19	0	0	0	0	1
<b>Subtotal</b>			<b>254</b>	<b>339</b>	<b>435</b>	<b>562</b>	<b>914</b>
Russia	16	20	29	36	46	59	94
East Europe	16	21	3	3	5	7	12
Central Asia	16	22	1	2	2	3	5
China	16	23	4	5	6	7	11
Mongolia	16	24	1	1	1	1	2
East Asia	16	25	26	34	43	54	81
Western Asia	16	26	245	341	475	636	1093
Other Asia	16	27	20	29	40	53	98
West Europe	16	28	250	319	411	511	775
North America	16	29	31	40	52	66	103
Oceania, etc.	16	30	5	6	9	11	17
Africa	16	31	1	1	1	1	2
Others	16	32	0	0	1	1	1
<b>Subtotal</b>			<b>615</b>	<b>816</b>	<b>1091</b>	<b>1412</b>	<b>2285</b>
<b>Total</b>			<b>869</b>	<b>1155</b>	<b>1526</b>	<b>1974</b>	<b>3199</b>

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		1995	2000	2005	2010	2020
	(I)	(II)					
( Ton )							
Turgai to/from							
Almaty	17	1	82	96	119	149	223
West. Kazak.	17	2	0	0	0	1	1
Akt'yubinsk	17	3	4	5	7	10	17
Karaganda	17	4	0	2	2	3	7
Kustanay	17	5	0	2	3	4	7
Atyrau	17	6	0	0	0	0	0
East Kazak.	17	7	0	0	0	0	1
South Kazak.	17	8	15	17	22	28	45
Zhambul	17	9	0	0	0	0	1
Aknoia	17	10	0	1	1	2	3
Semipalatin.	17	11	0	0	0	0	0
Kokchetau	17	12	0	1	1	2	4
Pavlodar	17	13	0	1	1	1	2
North Kazak.	17	14	0	1	1	1	3
Kzyl-Orda	17	15	0	0	0	0	1
Zhezkazgan	17	16	0	0	0	0	1
Turgai	17	17	0	0	0	0	0
Mangistau	17	18	0	1	1	1	3
Taldykorgan	17	19	0	0	0	0	0
Subtotal			180	127	159	204	319
Russia	17	20	2	2	3	5	10
East Europe	17	21	0	16	20	26	41
Central Asia	17	22	0	0	0	1	1
China	17	23	0	0	0	1	1
Mongolia	17	24	0	0	0	0	0
East Asia	17	25	1	1	1	1	2
Western Asia	17	26	7	9	11	15	26
Other Asia	17	27	1	1	1	1	2
West Europe	17	28	7	8	10	13	18
North America	17	29	1	1	1	2	2
Oceania, etc.	17	30	0	0	0	0	1
Africa	17	31	0	0	0	0	0
Others	17	32	0	0	0	0	0
Subtotal			18	38	49	64	104
Total			118	165	207	268	423
Mangistau to/from							
Almaty	18	1	139	167	211	269	420
West. Kazak.	18	2	53	65	86	116	205
Akt'yubinsk	18	3	65	79	104	141	246
Karaganda	18	4	0	3	5	6	13
Kustanay	18	5	28	34	44	59	102
Atyrau	18	6	112	132	168	213	335
East Kazak.	18	7	243	279	338	409	582
South Kazak.	18	8	29	34	44	58	99
Zhambul	18	9	0	2	3	4	8
Aknoia	18	10	0	2	3	5	9
Semipalatin.	18	11	0	39	50	64	103
Kokchetau	18	12	146	169	211	263	408
Pavlodar	18	13	0	58	74	95	151
North Kazak.	18	14	0	3	4	6	12
Kzyl-Orda	18	15	0	2	3	4	9
Zhezkazgan	18	16	0	1	1	1	2
Turgai	18	17	0	0	1	1	2
Mangistau	18	18	0	0	0	0	0
Taldykorgan	18	19	0	19	24	31	48
Subtotal			814	1037	1374	1746	2745
Russia	18	20	358	434	572	766	1314
East Europe	18	21	31	40	50	67	115
Central Asia	18	22	16	20	27	38	71
China	18	23	40	49	62	78	119
Mongolia	18	24	7	8	10	13	19
East Asia	18	25	73	89	115	145	222
Western Asia	18	26	696	803	1264	1715	2983
Other Asia	18	27	57	75	107	144	246
West Europe	18	28	700	845	1091	1375	2116
North America	18	29	86	106	138	177	281
Oceania, etc.	18	30	14	17	22	29	46
Africa	18	31	2	2	3	3	6
Others	18	32	1	1	1	1	2
Subtotal			2069	2589	3470	4570	7598
Total			2882	3676	4845	6316	10344

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, Medium Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
Taldykorgan							
to/ffron							
Almaty	19	1	0	71	97	136	259
West. Kazak.	19	2	0	44	55	71	112
Aktyubinsk	19	3	0	2	2	3	6
Karaganda	19	4	0	3	4	5	11
Kustanay	19	5	0	2	2	3	6
Atyrau	19	6	0	7	9	11	18
East Kazak.	19	7	0	3	5	6	12
South Kazak.	19	8	0	3	5	7	13
Zhambul	19	9	0	2	5	7	13
Akmola	19	10	0	0	1	1	2
Semipalatın.	19	11	0	3	5	7	13
Kokchetau	19	12	0	0	0	1	1
Pavlodar	19	13	0	1	1	1	3
North Kazak.	19	14	0	3	4	6	11
Kzyl-Orda	19	15	0	0	0	1	1
Zhozkazgan	19	16	0	0	0	0	0
Turqai	19	17	0	0	0	0	0
Mangistau	19	18	0	26	33	42	67
Taldykorgan	19	19	0	0	0	0	0
Subtotal			0	173	227	309	549
Russia	19	20	0	124	158	205	332
East Europe	19	21	0	92	117	152	243
Central Asia	19	22	0	1	2	2	4
China	19	23	0	1	1	1	3
Mongolia	19	24	0	17	20	24	33
East Asia	19	25	0	39	49	59	86
Western Asia	19	26	0	395	532	706	1157
Other Asia	19	27	0	33	45	59	95
West Europe	19	28	0	369	459	565	820
North America	19	29	0	46	58	73	109
Oceania, etc.	19	30	0	7	9	12	18
Africa	19	31	0	1	1	2	2
Others	19	32	0	1	1	1	1
Subtotal			0	1124	1452	1861	2982
Total			0	1297	1679	2170	3451

**Appendix-3.3.6 (5) Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	2010	2020
	(1)	(2)					
( Ton )							
Almaty to/from							
Almaty	1	1	0	0	0	0	0
West Kazak.	1	2	6	10	16	26	62
Akiyubinsk	1	3	300	378	495	634	1013
Karaganda	1	4	200	357	473	637	1004
Kustanay	1	5	141	176	231	309	517
Atyrau	1	6	66	83	108	141	227
East Kazak.	1	7	107	137	184	252	440
South Kazak.	1	8	558	696	905	1188	1933
Zhambul	1	9	124	163	226	327	621
Akmola	1	10	246	317	437	605	1009
Semipalatin.	1	11	351	440	576	755	1234
Kokchetau	1	12	185	232	308	411	694
Pavlodar	1	13	204	260	349	477	834
North Kazak.	1	14	119	152	208	289	524
Kzyl-Orda	1	15	132	174	242	330	598
Zhezkazgan	1	16	75	94	122	158	254
Turpai	1	17	82	99	126	163	256
Mangistau	1	18	192	237	311	409	675
Taldykorgan	1	19	0	74	107	161	337
Subtotal			3169	4079	5411	7271	12311
Russia	1	20	2503	3030	3700	4695	6302
East Europe	1	21	198	250	320	436	716
Central Asia	1	22	197	245	315	406	633
China	1	23	254	318	393	482	694
Mongolia	1	24	42	49	58	67	87
East Asia	1	25	631	866	1153	1490	2312
Western Asia	1	26	5336	8974	13066	18483	33523
Other Asia	1	27	488	750	1111	1552	2763
West Europe	1	28	6061	9239	10988	14065	22018
North America	1	29	744	1034	1392	1832	2974
Oceania, etc.	1	30	117	164	224	297	480
Africa	1	31	14	20	27	38	63
Others	1	32	5	6	9	12	21
Subtotal			17187	23947	32664	43653	72594
Total			20355	28026	38075	50925	84905
West Kazak. to/from							
Almaty	2	1	8	12	19	32	76
West Kazak.	2	2	0	0	0	0	0
Akiyubinsk	2	3	1	10	31	73	230
Karaganda	2	4	0	8	11	18	39
Kustanay	2	5	0	3	5	7	18
Atyrau	2	6	11	16	25	42	100
East Kazak.	2	7	156	194	251	331	543
South Kazak.	2	8	0	14	20	30	63
Zhambul	2	9	0	7	10	16	34
Akmola	2	10	0	9	14	21	46
Semipalatin.	2	11	0	6	8	12	27
Kokchetau	2	12	0	12	17	25	53
Pavlodar	2	13	0	6	9	13	28
North Kazak.	2	14	0	13	19	28	59
Kzyl-Orda	2	15	0	2	11	16	36
Zhezkazgan	2	16	0	7	4	5	11
Turpai	2	17	0	0	0	1	2
Mangistau	2	18	90	114	159	225	425
Taldykorgan	2	19	0	56	73	96	161
Subtotal			265	488	685	993	1950
Russia	2	20	13	24	48	90	238
East Europe	2	21	3	7	15	30	83
Central Asia	2	22	2	2	4	6	15
China	2	23	4	5	7	10	18
Mongolia	2	24	1	1	1	2	3
East Asia	2	25	19	17	23	30	50
Western Asia	2	26	117	176	260	379	734
Other Asia	2	27	10	15	22	32	61
West Europe	2	28	119	162	217	288	481
North America	2	29	15	20	27	38	65
Oceania, etc.	2	30	2	3	5	6	11
Africa	2	31	1	1	1	1	2
Others	2	32	0	0	0	0	1
Subtotal			298	434	629	912	1761
Total			563	921	1314	1905	3711

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
( Ton )							
Aktjubinsk to/from							
Almaty	3	1	175	220	282	369	589
West Kazak.	3	2	0	5	15	34	108
Aktjubinsk	3	3	0	0	0	0	0
Karaganda	3	4	10	13	19	28	56
Kustanav	3	5	0	5	7	10	22
Atyrau	3	6	1	1	2	3	8
East Kazak.	3	7	0	2	3	4	9
South Kazak.	3	8	2	3	5	8	18
Zhambul	3	9	0	2	3	5	11
Akmola	3	10	4	6	9	14	30
Semipalatlin.	3	11	0	2	3	5	10
Kokchetau	3	12	0	1	1	1	3
Pavlodar	3	13	3	4	6	10	22
North Kazak.	3	14	0	1	1	2	5
Kzyl-Orda	3	15	0	1	1	2	4
Zhezkazgan	3	16	0	0	0	1	2
Turqai	3	17	2	3	4	6	13
Manqistau	3	18	52	68	91	129	241
Taldykorgan	3	19	0	1	2	2	5
Subtotal			250	335	453	633	1156
Russia	3	20	108	141	194	276	514
East Europe	3	21	5	8	16	27	68
Central Asia	3	22	3	4	7	10	21
China	3	23	7	9	11	15	24
Mongolia	3	24	2	2	3	3	5
East Asia	3	25	9	13	17	22	35
Western Asia	3	26	99	148	213	309	583
Other Asia	3	27	7	11	16	23	43
West Europe	3	28	90	121	158	209	340
North America	3	29	11	15	20	27	46
Oceania, etc.	3	30	2	2	3	5	7
Africa	3	31	0	1	1	1	1
Others	3	32	0	0	0	0	1
Subtotal			344	473	658	928	1687
<b>Total</b>			<b>593</b>	<b>808</b>	<b>1111</b>	<b>1561</b>	<b>2843</b>
Karaganda to/from							
Almaty	4	1	480	509	674	939	1547
West Kazak.	4	2	0	9	13	20	45
Aktjubinsk	4	3	24	32	46	68	137
Karaganda	4	4	0	0	0	0	0
Kustanav	4	5	0	9	13	19	42
Atyrau	4	6	12	16	22	31	57
East Kazak.	4	7	19	26	37	55	113
South Kazak.	4	8	39	51	72	104	204
Zhambul	4	9	0	2	2	4	9
Akmola	4	10	0	52	80	126	268
Semipalatlin.	4	11	1	2	5	10	28
Kokchetau	4	12	0	20	29	44	95
Pavlodar	4	13	0	32	46	70	149
North Kazak.	4	14	0	19	29	44	95
Kzyl-Orda	4	15	1	3	6	12	36
Zhezkazgan	4	16	0	3	5	7	16
Turqai	4	17	0	3	4	6	12
Manqistau	4	18	0	7	10	15	32
Taldykorgan	4	19	0	4	6	9	20
Subtotal			497	797	1098	1554	2907
Russia	4	20	314	387	497	647	1034
East Europe	4	21	17	22	32	47	92
Central Asia	4	22	9	11	16	22	42
China	4	23	22	28	36	46	70
Mongolia	4	24	3	4	5	6	8
East Asia	4	25	78	103	137	179	285
Western Asia	4	26	739	1074	1558	2224	4134
Other Asia	4	27	61	90	133	187	341
West Europe	4	28	754	986	1299	1692	2715
North America	4	29	93	124	168	220	367
Oceania, etc.	4	30	14	19	27	36	60
Africa	4	31	2	2	3	5	7
Others	4	32	1	1	1	1	2
Subtotal			2107	2853	3910	5312	9150
<b>Total</b>			<b>2604</b>	<b>3650</b>	<b>5007</b>	<b>6866</b>	<b>12265</b>



**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	2010	2020
	(1)	(2)					
( Ton )							
Kustanay to/from							
Almaty	5	1	142	177	232	311	520
West. Kazak.	5	2	0	3	4	6	14
Akt'yubinsk	5	3	0	0	12	18	39
Karaganda	5	4	0	0	9	14	29
Kustanay	5	5	0	0	0	0	0
Atyrau	5	6	1	2	3	6	11
East Kazak.	5	7	0	0	11	17	35
South Kazak.	5	8	0	5	8	12	23
Zhambul	5	9	5	7	10	15	32
Akmola	5	10	0	0	9	15	32
Semipalatinsk	5	11	0	1	1	1	3
Kokchetav	5	12	0	14	20	31	65
Pavlodar	5	13	0	2	3	5	11
North Kazak.	5	14	0	14	20	31	65
Kzyl-Orda	5	15	4	5	9	14	32
Zhezkazgan	5	16	0	1	1	2	3
Turgai	5	17	0	2	3	4	9
Manqistau	5	18	40	49	67	93	172
Taldykorgan	5	19	0	2	3	4	8
Subtotal			198	311	424	597	1105
Russia	5	20	101	127	171	236	418
East Europe	5	21	18	24	34	50	97
Central Asia	5	22	23	28	37	49	82
China	5	23	23	28	35	44	65
Mongolia	5	24	4	4	5	6	9
East Asia	5	25	58	75	97	126	197
Western Asia	5	26	551	773	1102	1566	2852
Other Asia	5	27	45	65	94	132	235
West. Europe	5	28	563	710	918	1192	1873
North America	5	29	69	89	117	156	253
Oceania, etc.	5	30	11	14	19	25	42
Africa	5	31	1	2	2	3	6
Others	5	32	1	1	1	1	2
Subtotal			1469	1940	2633	3587	6129
Total			1666	2251	3057	4183	7234
Atyrau to/from							
Almaty	6	1	152	192	249	325	525
West. Kazak.	6	2	20	29	48	79	187
Akt'yubinsk	6	3	2	4	7	12	30
Karaganda	6	4	20	25	35	49	92
Kustanay	6	5	3	5	7	11	24
Atyrau	6	6	0	0	0	0	0
East Kazak.	6	7	0	15	21	29	53
South Kazak.	6	8	26	32	44	61	109
Zhambul	6	9	0	2	2	4	8
Akmola	6	10	13	18	26	38	71
Semipalatinsk	6	11	0	32	43	58	99
Kokchetav	6	12	5	6	9	13	28
Pavlodar	6	13	0	3	4	7	14
North Kazak.	6	14	6	8	12	18	36
Kzyl-Orda	6	15	0	0	4	6	13
Zhezkazgan	6	16	2	3	4	6	12
Turgai	6	17	0	0	0	0	0
Manqistau	6	18	357	433	567	742	1225
Taldykorgan	6	19	0	16	21	29	48
Subtotal			607	827	1104	1486	2575
Russia	6	20	84	105	139	185	309
East Europe	6	21	5	6	9	14	28
Central Asia	6	22	3	3	5	6	12
China	6	23	6	7	9	12	18
Mongolia	6	24	1	1	1	2	2
East Asia	6	25	33	45	62	82	138
Western Asia	6	26	312	465	700	1020	2006
Other Asia	6	27	26	39	59	86	165
West. Europe	6	28	318	426	584	776	1318
North America	6	29	39	54	74	101	178
Oceania, etc.	6	30	6	9	12	17	29
Africa	6	31	1	1	2	2	4
Others	6	32	0	1	1	1	1
Subtotal			832	1164	1657	2303	4208
Total			1439	1991	2761	3788	6784

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	2010	2020
	(1)	(2)					
( Ton )							
East Kazak. to/from							
Almaty	7	1	187	137	184	252	440
West Kazak.	7	2	126	157	204	268	440
Akiyubinsk	7	3	0	3	5	7	15
Karaganda	7	4	14	18	26	39	79
Kustanay	7	5	6	8	11	17	34
Atyrau	7	6	0	7	9	13	23
East Kazak.	7	7	40	52	76	115	241
South Kazak.	7	8	23	29	39	55	100
Zhambul	7	9	0	0	1	1	2
Akmola	7	10	2	3	5	9	22
Semipalatinsk	7	11	0	19	28	42	91
Kokchetov	7	12	0	1	1	2	4
Pavlodar	7	13	1	3	8	17	50
North Kazak.	7	14	0	1	2	2	6
Kzyl-Orda	7	15	0	3	5	7	16
Zhezkazgan	7	16	0	0	0	0	1
Turgai	7	17	0	0	0	0	1
Hangistau	7	18	337	393	488	603	890
Taldykorgan	7	19	0	3	5	8	16
Subtotal			654	838	1096	1456	2471
Russia	7	20	66	83	112	155	273
East Europe	7	21	15	20	29	42	81
Central Asia	7	22	8	10	14	19	36
China	7	23	20	26	33	43	67
Mongolia	7	24	3	3	4	5	8
East Asia	7	25	50	66	87	113	178
Western Asia	7	26	471	600	907	1400	2507
Other Asia	7	27	39	57	84	118	213
West Europe	7	28	481	625	822	1065	1699
North America	7	29	59	78	105	139	229
Oceania, etc.	7	30	9	13	17	22	38
Africa	7	31	1	2	2	3	5
Others	7	32	1	1	1	1	2
Subtotal			1224	1664	2298	3124	5416
Total			1878	2501	3393	4580	7887
South Kazak. to/from							
Almaty	8	1	558	896	905	1180	1933
West Kazak.	8	2	0	11	16	24	51
Akiyubinsk	8	3	4	6	9	14	31
Karaganda	8	4	27	36	50	73	143
Kustanay	8	5	0	5	8	11	23
Atyrau	8	6	11	14	19	26	47
East Kazak.	8	7	23	29	39	55	100
South Kazak.	8	8	0	0	0	0	0
Zhambul	8	9	0	85	123	189	408
Akmola	8	10	4	6	10	17	38
Semipalatinsk	8	11	0	5	7	10	21
Kokchetov	8	12	3	4	6	11	25
Pavlodar	8	13	9	13	20	31	67
North Kazak.	8	14	44	56	77	108	200
Kzyl-Orda	8	15	0	23	35	52	114
Zhezkazgan	8	16	0	1	1	2	4
Turgai	8	17	15	18	23	31	54
Hangistau	8	18	39	48	66	91	165
Taldykorgan	8	19	0	4	5	8	17
Subtotal			738	1059	1419	1943	3443
Russia	8	20	176	220	293	397	681
East Europe	8	21	7	10	16	25	56
Central Asia	8	22	4	8	17	34	91
China	8	23	9	11	16	22	40
Mongolia	8	24	2	2	3	4	7
East Asia	8	25	22	29	38	49	76
Western Asia	8	26	211	300	432	607	1103
Other Asia	8	27	17	25	37	51	91
West Europe	8	28	215	276	360	482	724
North America	8	29	26	34	46	60	98
Oceania, etc.	8	30	4	6	7	10	16
Africa	8	31	1	1	1	1	2
Others	8	32	0	0	1	1	1
Subtotal			694	923	1266	1721	2986
Total			1431	1982	2685	3664	6428

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
( Ton )							
Zhambul to/from							
Almaty	9	1	124	163	226	327	621
West Kazak	9	2	0	6	8	13	28
Akt'yubinsk	9	3	0	4	6	9	19
Keraganda	9	4	0	1	2	3	7
Kustanay	9	5	5	7	10	15	32
Atyrau	9	6	0	1	1	2	3
East Kazak	9	7	0	0	1	1	2
South Kazak	9	8	0	85	123	189	408
Zhambul	9	9	2	0	0	0	0
Akmola	9	10	0	1	1	2	4
Semipalat'in	9	11	0	0	1	1	2
Kokchet'au	9	12	0	1	1	1	3
Pavlodar	9	13	0	1	1	2	6
North Kazak	9	14	0	6	9	13	29
Kzyl-Orda	9	15	0	8	12	19	44
Zhezkazgan	9	16	1	2	2	4	8
Turgai	9	17	0	0	0	0	1
Mangist'au	9	18	0	3	4	6	14
Taldykorgan	9	19	0	3	5	8	17
Subtotal			133	292	413	616	1249
Russia	9	20	46	60	84	123	236
East Europe	9	21	11	15	22	34	72
Central Asia	9	22	6	9	16	29	74
China	9	23	14	18	23	32	54
Mongolia	9	24	2	2	3	4	7
East Asia	9	25	35	46	62	85	144
Western Asia	9	26	328	481	702	1058	2089
Other Asia	9	27	27	40	59	89	172
West Europe	9	28	335	441	585	805	1372
North America	9	29	41	55	75	105	185
Oceania, etc.	9	30	6	9	12	17	30
Africa	9	31	1	1	2	2	4
Others	9	32	0	1	1	1	1
Subtotal			850	1179	1646	2384	4442
Total			983	1471	2059	3000	5691
Akmola to/from							
Almaty	10	1	294	379	522	723	1206
West Kazak	10	2	0	9	13	21	44
Akt'yubinsk	10	3	8	12	18	29	62
Keraganda	10	4	0	4	6	10	22
Kustanay	10	5	0	7	11	18	38
Atyrau	10	6	7	9	13	19	37
East Kazak	10	7	2	3	6	11	27
South Kazak	10	8	5	8	12	20	45
Zhambul	10	9	0	1	1	2	5
Akmola	10	10	0	0	0	0	0
Semipalat'in	10	11	0	5	8	12	27
Kokchet'au	10	12	0	23	35	55	117
Pavlodar	10	13	0	17	26	41	89
North Kazak	10	14	0	15	23	37	81
Kzyl-Orda	10	15	0	1	1	2	5
Zhezkazgan	10	16	1	1	2	4	10
Turgai	10	17	0	1	1	2	5
Mangist'au	10	18	0	4	6	9	19
Taldykorgan	10	19	0	0	1	1	3
Subtotal			318	537	767	1112	2046
Russia	10	20	155	197	271	374	621
East Europe	10	21	22	29	42	63	117
Central Asia	10	22	11	15	21	30	53
China	10	23	28	36	49	62	95
Mongolia	10	24	5	6	7	9	13
East Asia	10	25	83	115	172	248	403
Western Asia	10	26	783	1193	1953	3076	5836
Other Asia	10	27	65	99	166	258	481
West Europe	10	28	799	1095	1627	2341	3833
North America	10	29	98	137	208	305	518
Oceania, etc.	10	30	15	22	33	50	85
Africa	10	31	2	3	4	6	11
Others	10	32	1	1	1	2	3
Subtotal			2068	2947	4553	6825	12070
Total			2385	3418	5320	7937	14115

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	2010	2028
	(i)	(j)					
( Ton )							
Semipalatinsk to/from							
Almaty	11	1	238	299	391	512	836
West. Kazak.	11	2	0	3	5	7	15
Akt'yubinsk	11	3	0	2	4	5	11
Karaganda	11	4	0	1	2	5	13
Kustanay	11	5	0	0	1	1	2
Atyrau	11	6	0	10	13	17	29
East Kazak.	11	7	0	13	19	28	61
South Kazak.	11	8	0	3	5	7	15
Zhambul	11	9	0	0	0	1	2
Akmola	11	10	0	3	4	7	16
Semipalatin.	11	11	29	39	57	86	185
Kokchetau	11	12	0	1	1	1	3
Pavlodar	11	13	0	15	22	34	72
North Kazak.	11	14	0	1	1	2	4
Kzyl-Orda	11	15	1	1	2	4	10
Zhezkazgan	11	16	1	1	2	3	6
Turqai	11	17	0	0	0	0	0
Mangistau	11	18	0	37	50	66	113
Taldykorgan	11	19	0	2	3	5	12
Subtotal			269	432	581	791	1406
Russia	11	20	91	116	157	215	380
East Europe	11	21	1	2	5	9	23
Central Asia	11	22	1	2	3	5	11
China	11	23	3	4	5	8	15
Mongolia	11	24	0	6	7	9	13
East Asia	11	25	4	5	7	9	15
Western Asia	11	26	38	65	82	117	222
Other Asia	11	27	3	5	7	10	18
West Europe	11	28	38	50	68	89	146
North America	11	29	5	6	9	11	19
Oceania, etc.	11	30	1	1	1	2	3
Africa	11	31	0	0	0	1	1
Others	11	32	0	0	0	0	0
Subtotal			185	252	352	484	868
<b>Total</b>			<b>454</b>	<b>684</b>	<b>933</b>	<b>1275</b>	<b>2274</b>
Kokchetau to/from							
Almaty	12	1	97	121	161	215	362
West. Kazak.	12	2	0	5	7	11	23
Akt'yubinsk	12	3	0	1	1	1	3
Karaganda	12	4	0	7	11	16	35
Kustanay	12	5	0	7	10	18	34
Atyrau	12	6	1	1	2	3	6
East Kazak.	12	7	0	0	1	1	2
South Kazak.	12	8	1	2	3	6	13
Zhambul	12	9	0	0	0	1	2
Akmola	12	10	0	10	15	24	51
Semipalatin.	12	11	0	0	1	1	2
Kokchetau	12	12	0	0	0	0	0
Pavlodar	12	13	0	5	7	10	22
North Kazak.	12	14	0	28	41	61	138
Kzyl-Orda	12	15	0	0	0	1	2
Zhezkazgan	12	16	0	0	1	1	3
Turqai	12	17	0	1	1	1	3
Mangistau	12	18	106	125	161	207	329
Taldykorgan	12	19	0	0	0	0	1
Subtotal			206	314	423	575	1023
Russia	12	20	46	59	83	119	227
East Europe	12	21	11	15	22	34	71
Central Asia	12	22	6	7	10	15	28
China	12	23	13	16	21	27	44
Mongolia	12	24	2	2	3	4	6
East Asia	12	25	17	22	30	38	61
Western Asia	12	26	161	228	335	473	886
Other Asia	12	27	13	19	29	39	73
West Europe	12	28	165	209	279	360	582
North America	12	29	20	26	35	47	79
Oceania, etc.	12	30	3	4	6	7	13
Africa	12	31	1	1	1	1	2
Others	12	32	0	0	0	1	1
Subtotal			458	608	854	1166	2072
<b>Total</b>			<b>664</b>	<b>922</b>	<b>1277</b>	<b>1742</b>	<b>3095</b>

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

(Ton)

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
<b>Pavlodar</b>							
to/from							
Almaty	13	1	429	547	735	1002	1754
West Kazak.	13	2	0	10	15	22	47
Akt'yubinsk	13	3	0	13	21	35	90
Karaganda	13	4	0	47	68	103	220
Kustanay	13	5	0	4	7	10	24
Atyrau	13	6	0	3	4	6	13
East Kazak.	13	7	2	6	17	36	104
South Kazak.	13	8	20	27	41	65	140
Zhambul	13	9	0	2	3	5	12
Akmola	13	10	0	30	46	73	167
Semipalatinsk	13	11	0	47	69	104	234
Kokchetav	13	12	0	19	27	41	89
Pavlodar	13	13	0	0	0	0	0
North Kazak.	13	14	0	19	27	41	89
Kzyl-Orda	13	15	10	14	22	34	73
Zhezkazgan	13	16	0	1	1	2	4
Turgai	13	17	0	1	2	3	6
Mangistav	13	18	0	175	230	305	513
Taldykorgan	13	19	0	2	2	4	9
<b>Subtotal</b>			<b>476</b>	<b>967</b>	<b>1338</b>	<b>1891</b>	<b>3557</b>
Russia	13	20	101	125	166	221	371
East Europe	13	21	3	4	6	10	23
Central Asia	13	22	12	14	19	26	45
China	13	23	4	5	6	9	15
Mongolia	13	24	0	1	1	1	2
East Asia	13	25	20	26	34	45	70
Western Asia	13	26	189	270	391	552	1012
Other Asia	13	27	15	22	33	46	83
West Europe	13	28	193	248	326	420	664
North America	13	29	23	31	42	55	90
Oceania, etc.	13	30	4	5	7	9	15
Africa	13	31	1	1	1	1	2
Others	13	32	0	0	0	1	1
<b>Subtotal</b>			<b>564</b>	<b>753</b>	<b>1033</b>	<b>1395</b>	<b>2392</b>
<b>Total</b>			<b>1034</b>	<b>1720</b>	<b>2370</b>	<b>3287</b>	<b>5949</b>
<b>North Kazak.</b>							
to/from							
Almaty	14	1	67	86	118	164	297
West Kazak.	14	2	0	6	9	13	27
Akt'yubinsk	14	3	0	1	1	2	4
Karaganda	14	4	0	8	11	17	38
Kustanay	14	5	0	8	11	17	37
Atyrau	14	6	1	2	3	4	9
East Kazak.	14	7	0	1	1	1	3
South Kazak.	14	8	25	32	43	61	113
Zhambul	14	9	0	3	5	8	16
Akmola	14	10	0	7	11	18	38
Semipalatinsk	14	11	0	1	1	1	3
Kokchetav	14	12	0	30	44	66	141
Pavlodar	14	13	0	5	7	11	24
North Kazak.	14	14	0	0	0	0	0
Kzyl-Orda	14	15	0	3	4	6	13
Zhezkazgan	14	16	0	1	1	1	3
Turgai	14	17	0	0	1	1	2
Mangistav	14	18	0	3	4	6	12
Taldykorgan	14	19	0	2	3	4	8
<b>Subtotal</b>			<b>94</b>	<b>197</b>	<b>278</b>	<b>403</b>	<b>791</b>
Russia	14	20	3	5	10	17	43
East Europe	14	21	0	104	139	190	329
Central Asia	14	22	0	2	2	3	7
China	14	23	2	2	3	4	8
Mongolia	14	24	0	2	2	4	5
East Asia	14	25	1	2	3	3	5
Western Asia	14	26	12	17	25	35	67
Other Asia	14	27	1	1	2	3	6
West Europe	14	28	12	15	21	27	44
North America	14	29	2	2	3	3	6
Oceania, etc.	14	30	0	1	1	1	1
Africa	14	31	0	0	0	0	0
Others	14	32	0	0	0	0	0
<b>Subtotal</b>			<b>33</b>	<b>154</b>	<b>211</b>	<b>290</b>	<b>520</b>
<b>Total</b>			<b>127</b>	<b>351</b>	<b>488</b>	<b>693</b>	<b>1311</b>

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
( Ton )							
Kzyl-Orda to/from							
Almaty	15	1	215	284	394	539	976
West Kasak	15	2	0	10	14	22	47
Akt'yubinsk	15	3	0	2	3	5	12
Karaganda	15	4	1	3	7	14	41
Kustanay	15	5	6	9	14	23	52
Atyrau	15	6	0	2	3	4	9
East Kazak	15	7	0	5	8	12	26
South Kazak	15	8	0	38	56	85	197
Zhambul	15	9	0	13	20	32	73
Akmola	15	10	0	1	2	3	7
Semipalatin	15	11	2	3	6	10	24
Kokchetau	15	12	0	1	1	2	5
Pavlodar	15	13	8	11	17	26	57
North Kazak	15	14	0	8	12	18	38
Kzyl-Orda	15	15	0	0	0	0	0
Zhezkazgan	15	16	2	3	4	6	11
Turqai	15	17	0	0	1	1	2
Manqistau	15	18	0	5	8	12	25
Taldykorgan	15	19	0	1	1	1	3
Subtotal			235	399	572	814	1596
Russia	15	20	8	14	25	45	113
East Europe	15	21	2	4	10	19	55
Central Asia	15	22	1	2	3	5	11
China	15	23	2	3	5	7	14
Mongolia	15	24	1	1	1	2	3
East Asia	15	25	18	14	21	26	45
Western Asia	15	26	95	147	230	326	652
Other Asia	15	27	8	12	19	27	54
West Europe	15	28	97	135	192	248	428
North America	15	29	12	17	25	33	58
Oceania, etc.	15	30	2	3	4	5	10
Africa	15	31	0	1	1	1	1
Others	15	32	0	0	0	0	1
Subtotal			238	353	536	744	1445
Total			473	752	1108	1559	3041
Zhezkazgan to/from							
Almaty	16	1	213	269	349	452	724
West Kasak	16	2	0	6	8	12	26
Akt'yubinsk	16	3	1	1	2	3	8
Karaganda	16	4	0	7	10	15	33
Kustanay	16	5	0	2	3	4	10
Atyrau	16	6	3	4	5	8	14
East Kazak	16	7	0	0	0	1	2
South Kazak	16	8	0	2	4	6	12
Zhambul	16	9	3	5	7	11	23
Akmola	16	10	2	3	5	10	23
Semipalatin	16	11	4	6	8	13	27
Kokchetau	16	12	2	3	5	8	18
Pavlodar	16	13	0	1	2	3	6
North Kazak	16	14	0	3	5	7	16
Kzyl-Orda	16	15	4	6	8	11	28
Zhezkazgan	16	16	21	28	40	56	108
Turqai	16	17	0	1	1	1	3
Manqistau	16	18	0	2	3	5	11
Taldykorgan	16	19	0	0	0	0	1
Subtotal			254	348	465	626	1085
Russia	16	20	29	37	49	66	111
East Europe	16	21	3	4	5	8	15
Central Asia	16	22	1	2	2	4	7
China	16	23	4	5	6	8	12
Mongolia	16	24	1	1	1	1	2
East Asia	16	25	26	35	48	63	103
Western Asia	16	26	245	366	547	782	1502
Other Asia	16	27	20	30	46	66	124
West Europe	16	28	258	336	456	595	987
North America	16	29	31	42	58	78	133
Oceania, etc.	16	30	5	7	9	13	22
Africa	16	31	1	1	1	2	3
Others	16	32	0	0	1	1	1
Subtotal			615	866	1231	1685	3022
Total			869	1214	1696	2310	4107

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

	Code No.		1995	2000	2005	2010	2020
	(1)	(2)					
( Ton )							
Turgai to/from							
Almaty	17	1	92	99	126	163	256
West. Kazak.	17	2	0	0	0	1	2
Akt'yubinsk	17	3	4	5	7	11	22
Karaganda	17	4	0	2	3	4	9
Kustanay	17	5	0	2	3	4	9
Alyrau	17	6	0	0	0	0	0
East Kazak.	17	7	0	0	0	0	1
South Kazak.	17	8	15	18	23	31	54
Zhanbul	17	9	0	0	0	0	1
Akmola	17	10	0	1	1	2	4
Semipalat.in.	17	11	0	0	0	0	1
Kokchetau	17	12	0	1	2	3	5
Pavlodar	17	13	0	1	1	1	3
North Kazak.	17	14	0	1	1	2	4
Kzyl-Orda	17	15	0	0	0	1	1
Zhezkazgan	17	16	0	0	0	0	1
Turgai	17	17	0	0	0	0	0
Mangistau	17	18	0	1	1	2	3
Taldykorgan	17	19	0	0	0	0	0
Subtotal			100	131	169	225	375
Russia	17	20	2	3	4	6	13
East Europe	17	21	0	16	21	29	58
Central Asia	17	22	0	0	1	1	2
China	17	23	0	0	1	1	1
Mongolia	17	24	0	0	0	0	0
East Asia	17	25	1	1	1	2	2
Western Asia	17	26	7	9	13	19	34
Other Asia	17	27	1	1	1	2	3
West. Europe	17	28	7	9	11	14	22
North America	17	29	1	1	1	2	3
Oceania, etc.	17	30	0	0	0	0	1
Africa	17	31	0	0	0	0	0
Others	17	32	0	0	0	0	0
Subtotal			18	40	54	75	131
<b>Total</b>			<b>118</b>	<b>171</b>	<b>223</b>	<b>300</b>	<b>506</b>
Mangistau to/from							
Almaty	18	1	139	171	224	295	497
West. Kazak.	18	2	53	67	93	132	249
Akt'yubinsk	18	3	65	82	113	160	299
Karaganda	18	4	0	3	5	8	16
Kustanay	18	5	28	35	48	67	124
Alyrau	18	6	112	135	177	232	383
East Kazak.	18	7	243	284	352	435	643
South Kazak.	18	8	28	35	47	66	119
Zhanbul	18	9	0	2	3	5	10
Akmola	18	10	0	2	3	5	12
Semipalat.in.	18	11	0	40	53	70	120
Kokchetau	18	12	146	172	222	285	454
Pavlodar	18	13	0	60	79	105	176
North Kazak.	18	14	0	3	5	7	16
Kzyl-Orda	18	15	0	2	3	5	11
Zhezkazgan	18	16	0	1	1	1	3
Turgai	18	17	0	1	1	1	2
Mangistau	18	18	0	0	0	0	0
Taldykorgan	18	19	0	19	25	34	56
Subtotal			814	1114	1456	1913	3188
Russia	18	20	358	450	622	873	1609
East Europe	18	21	31	42	66	105	230
Central Asia	18	22	16	21	30	45	90
China	18	23	40	50	64	83	131
Mongolia	18	24	7	8	11	14	23
East Asia	18	25	73	93	127	168	281
Western Asia	18	26	686	958	1439	2095	4078
Other Asia	18	27	57	80	122	175	336
West. Europe	18	28	708	879	1199	1587	2678
North America	18	29	86	110	153	207	362
Oceania, etc.	18	30	14	18	25	34	59
Africa	18	31	2	2	3	4	7
Others	18	32	1	1	1	1	3
Subtotal			2869	2712	3863	5380	9888
<b>Total</b>			<b>2882</b>	<b>3826</b>	<b>5318</b>	<b>7293</b>	<b>13068</b>

**Air Cargo Movement (Arrival + Departure) by Region  
(Capital Replacement, High Case)**

( Ton )

	Code No.		1995	2000	2005	2010	2020
	(i)	(j)					
Taldykorgan to/from							
Almaty	19	1	0	74	107	161	337
West Kazak.	19	2	0	45	59	78	131
Akt'yubinsk	19	3	0	2	3	4	8
Karaganda	19	4	0	3	4	6	14
Kustanay	19	5	0	2	3	4	8
Alytau	19	6	0	7	9	12	21
East Kazak.	19	7	0	3	5	8	16
South Kazak.	19	8	0	4	5	8	17
Zhambul	19	9	0	3	5	8	17
Akmola	19	10	0	0	1	1	2
Semipalatinsk	19	11	0	3	3	8	17
Kokchetav	19	12	0	0	0	1	2
Pavlodar	19	13	0	1	1	2	4
North Kazak.	19	14	0	3	5	7	14
Kzyl-Orda	19	15	0	0	1	1	2
Zhezkazgan	19	16	0	0	0	0	0
Turgai	19	17	0	0	0	0	0
Manqistau	19	18	0	27	35	47	78
Taldykorgan	19	19	0	0	0	0	0
Subtotal			0	179	248	355	689
Russia	19	20	0	128	170	232	401
East Europe	19	21	0	95	126	171	294
Central Asia	19	22	0	1	2	3	8
China	19	23	0	1	1	2	4
Mongolia	19	24	0	17	21	26	37
East Asia	19	25	0	40	53	68	106
Western Asia	19	26	0	417	599	844	1536
Other Asia	19	27	0	35	51	71	126
West Europe	19	28	0	382	499	642	1008
North America	19	29	0	48	64	83	136
Oceania, etc.	19	30	0	7	10	14	22
Africa	19	31	0	1	1	2	3
Others	19	32	0	1	1	1	1
Subtotal			0	1173	1599	2157	3680
Total			0	1351	1847	2512	4368



Appendix-3.3.6 (6) Summary of Air Cargo Movement by Region, Domestic and International by Case

-- Capital Replacement)--		(Departure + Arrivals) ( ton )				
Items	1995	2000	2005	2010	2020	
<b>Almaty</b>						
Domestic: Low	3169	3845	4734	5913	8779	
: Medium	3169	3966	5062	6542	10418	
: High	3169	4079	5411	7271	12311	
Intn'l : Low	17187	20577	24269	28233	36487	
: Medium	17187	22640	29266	37181	56528	
: High	17187	23947	32664	43653	72594	
Total : Low	20355	24422	29003	34146	45245	
: Medium	20355	26606	34928	43724	66945	
: High	20355	28026	38075	50925	84985	
<b>West Kazakhstan</b>						
Domestic: Low	265	453	577	761	1258	
: Medium	265	471	628	865	1568	
: High	265	488	685	993	1950	
Intn'l : Low	298	363	445	549	803	
: Medium	298	405	551	752	1307	
: High	298	434	629	912	1761	
Total : Low	563	815	1022	1310	2061	
: Medium	563	876	1179	1617	2874	
: High	563	921	1314	1905	3711	
<b>Aktjubinsk</b>						
Domestic: Low	250	313	389	500	781	
: Medium	250	324	420	561	951	
: High	250	335	453	633	1156	
Intn'l : Low	344	413	499	616	886	
: Medium	344	450	589	786	1305	
: High	344	473	658	928	1687	
Total : Low	593	727	888	1116	1667	
: Medium	593	774	1009	1347	2256	
: High	593	808	1111	1561	2843	
<b>Karaganda</b>						
Domestic: Low	497	743	932	1205	1909	
: Medium	497	770	1011	1363	2358	
: High	497	797	1098	1554	2907	
Intn'l : Low	2107	2476	2928	3448	4585	
: Medium	2107	2711	3514	4538	7112	
: High	2107	2853	3910	5312	9158	
Total : Low	2604	3219	3860	4653	6494	
: Medium	2604	3481	4525	5892	9470	
: High	2604	3650	5007	6866	12065	
<b>Kustanay</b>						
Domestic: Low	198	290	361	464	729	
: Medium	198	301	391	524	898	
: High	198	311	424	597	1105	
Intn'l : Low	1469	1694	1986	2336	3075	
: Medium	1469	1848	2379	3071	4783	
: High	1469	1940	2633	3587	6129	
Total : Low	1666	1984	2347	2800	3804	
: Medium	1666	2150	2770	3595	5682	
: High	1666	2251	3057	4183	7234	
<b>Atyrau</b>						
Domestic: Low	607	782	973	1220	1862	
: Medium	607	805	1037	1344	2193	
: High	607	827	1104	1486	2575	
Intn'l : Low	832	994	1201	1427	1951	
: Medium	832	1098	1471	1930	3176	
: High	832	1164	1657	2303	4208	
Total : Low	1439	1776	2174	2647	3813	
: Medium	1439	1983	2508	3274	5370	
: High	1439	1991	2761	3788	6784	
<b>East Kazakhstan</b>						
Domestic: Low	654	793	968	1197	1777	
: Medium	654	816	1030	1317	2097	
: High	654	839	1096	1456	2471	
Intn'l : Low	1224	1434	1698	1991	2634	
: Medium	1224	1578	2058	2654	4181	
: High	1224	1664	2298	3124	5416	
Total : Low	1878	2227	2666	3188	4411	
: Medium	1878	2394	3088	3971	6278	
: High	1878	2501	3393	4580	7887	

## Summary of Air Cargo Movement by Region, Domestic and International by Case

-- Capital Replacement)--		(Departure + Arrivals) ( ton )			
Items	1995	2000	2005	2010	2020
<b>South Kazakhstan</b>					
Domestic: Low	738	993	1224	1544	2352
: Medium	738	1027	1317	1726	2849
: High	738	1059	1419	1943	3443
Intn'l : Low	694	810	967	1155	1586
: Medium	694	878	1143	1477	2343
: High	694	923	1266	1721	2986
Total : Low	1431	1803	2191	2699	3938
: Medium	1431	1905	2460	3203	5192
: High	1431	1982	2695	3664	6428
<b>Zhanbul</b>					
Domestic: Low	133	270	344	463	782
: Medium	133	281	376	531	998
: High	133	292	413	616	1249
Intn'l : Low	850	1009	1203	1469	2042
: Medium	850	1115	1468	1993	3340
: High	850	1179	1646	2384	4442
Total : Low	983	1279	1547	1933	2824
: Medium	983	1396	1844	2524	4330
: High	983	1471	2059	3000	5691
<b>Akmola</b>					
Domestic: Low	318	503	658	875	1370
: Medium	318	521	710	982	1675
: High	318	537	767	1112	2046
Intn'l : Low	2068	2497	3168	3941	5269
: Medium	2068	2772	3972	5547	8081
: High	2068	2947	4553	6825	12070
Total : Low	2385	2999	3826	4816	6640
: Medium	2385	3293	4682	6529	10557
: High	2385	3484	5320	7937	14115
<b>Senipalatinsk</b>					
Domestic: Low	269	406	505	635	973
: Medium	269	419	542	706	1171
: High	269	432	581	791	1408
Intn'l : Low	185	227	277	339	494
: Medium	185	241	319	416	686
: High	185	252	352	484	868
Total : Low	454	632	782	974	1467
: Medium	454	660	861	1123	1857
: High	454	684	933	1275	2274
<b>Kokchetau</b>					
Domestic: Low	206	296	368	462	707
: Medium	206	305	394	514	851
: High	206	314	423	575	1023
Intn'l : Low	458	531	638	758	1037
: Medium	458	579	767	993	1604
: High	458	608	854	1166	2072
Total : Low	664	827	1006	1220	1744
: Medium	664	884	1161	1507	2455
: High	664	922	1277	1742	3095
<b>Pavlodar</b>					
Domestic: Low	470	900	1133	1461	2322
: Medium	470	934	1230	1655	2877
: High	470	967	1338	1891	3557
Intn'l : Low	564	658	781	920	1233
: Medium	564	717	931	1193	1871
: High	564	753	1033	1395	2392
Total : Low	1034	1558	1914	2381	3555
: Medium	1034	1651	2161	2848	4747
: High	1034	1720	2370	3287	5949
<b>North Kazakhstan</b>					
Domestic: Low	94	183	233	305	501
: Medium	94	190	254	349	630
: High	94	197	278	403	791
Intn'l : Low	33	140	173	216	323
: Medium	33	148	192	252	417
: High	33	154	211	290	520
Total : Low	127	322	405	521	824
: Medium	127	338	446	601	1047
: High	127	351	488	693	1311

**Summary of Air Cargo Movement by Region, Domestic and International by Case**

-- Capital Replacement)--		(Departure + Arrivals) ( ton )			
Items	1995	2000	2005	2010	2020
<b>Kzyl-Orda</b>					
Domestic: Low	235	371	483	625	1033
: Medium	235	385	525	710	1286
: High	235	399	572	814	1596
Intn'l : Low	238	292	368	441	637
: Medium	238	328	465	611	1064
: High	238	353	536	744	1445
Total : Low	473	663	851	1066	1670
: Medium	473	714	990	1321	2349
: High	473	752	1108	1559	3041
<b>Zhezkazgan</b>					
Domestic: Low	254	328	407	508	768
: Medium	254	339	435	562	914
: High	254	348	465	626	1085
Intn'l : Low	615	735	883	1037	1390
: Medium	615	816	1091	1412	2285
: High	615	866	1231	1685	3022
Total : Low	869	1063	1290	1545	2158
: Medium	869	1155	1526	1974	3199
: High	869	1214	1696	2310	4107
<b>Turgai</b>					
Domestic: Low	100	123	149	184	270
: Medium	100	127	159	204	319
: High	100	131	169	225	375
Intn'l : Low	18	36	43	53	75
: Medium	18	38	49	64	104
: High	18	40	54	75	131
Total : Low	118	159	192	238	344
: Medium	118	165	207	268	423
: High	118	171	223	300	506
<b>Mangistau</b>					
Domestic: Low	814	1058	1296	1597	2361
: Medium	814	1087	1374	1745	2745
: High	814	1114	1456	1913	3180
Intn'l : Low	2069	2386	2905	3499	4924
: Medium	2069	2589	3470	4570	7598
: High	2069	2712	3863	5380	9888
Total : Low	2882	3444	4201	5096	7285
: Medium	2882	3676	4845	6316	10344
: High	2882	3826	5318	7293	13068
<b>Taldykorgan</b>					
Domestic: Low	0	166	209	271	438
: Medium	0	173	227	309	549
: High	0	179	248	355	689
Intn'l : Low	0	1041	1231	1450	1934
: Medium	0	1124	1452	1861	2902
: High	0	1173	1599	2157	3680
Total : Low	0	1207	1440	1721	2373
: Medium	0	1297	1679	2170	3451
: High	0	1351	1847	2512	4368
<b>All Regions</b>					
Domestic: Low	9270	21581	26126	31558	43657
: Medium	9270	23403	30942	40654	65377
: High	9270	24564	34391	47744	84185
Intn'l : Low	31252	47282	56870	68156	93539
: Medium	31252	51352	67206	87261	138408
: High	31252	53997	74632	102108	177073
Total : Low	40522	68862	82996	99714	137195
: Medium	40522	74754	98148	127915	203785
: High	40522	78561	109023	149852	261258

**APPENDIX TO  
CHAPTER 4**

## **Appendix 4.5.2 Typical Design of Control Tower**

### **I. Free standing functional shaft**

Shaft supports tower cab and as required houses a radar approach control room and other administrative rooms(Fig 4.5.2 (1)).

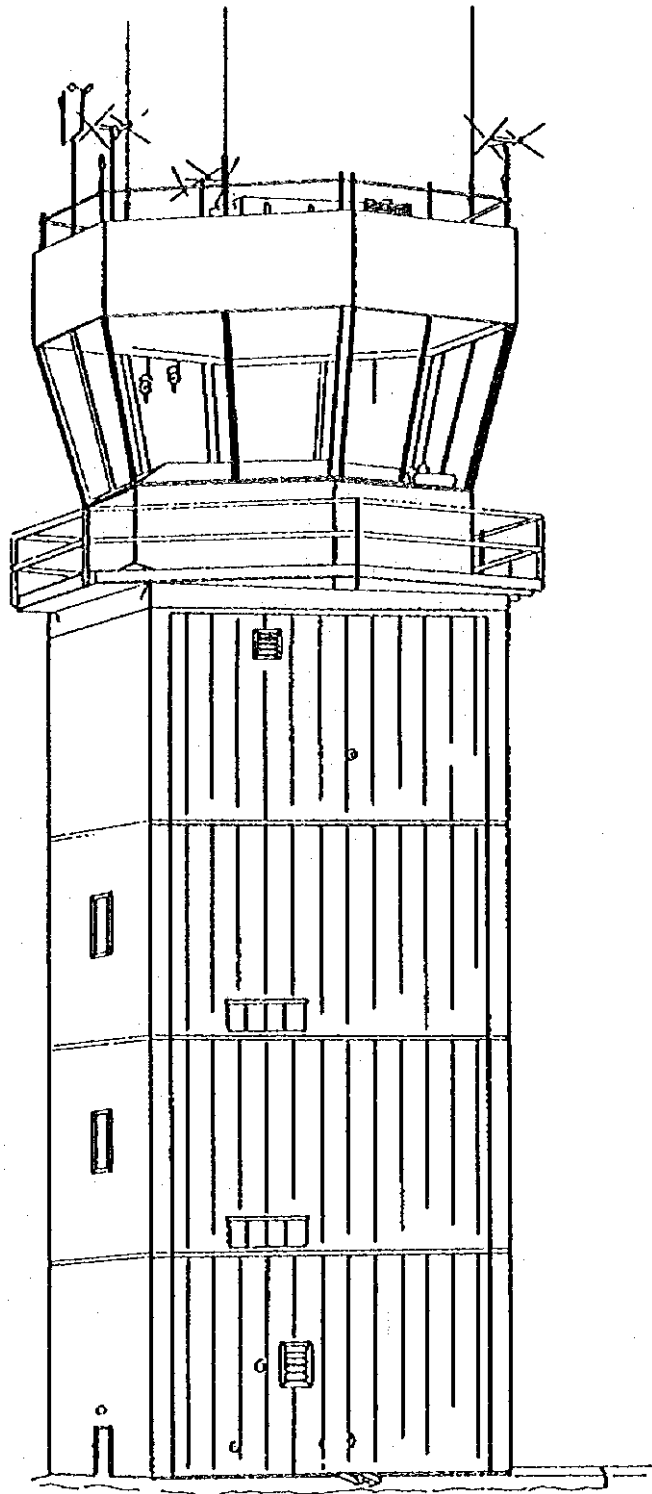
### **II. Functional shaft and base building**

This arrangement uses space in both the tower shaft and the base building.

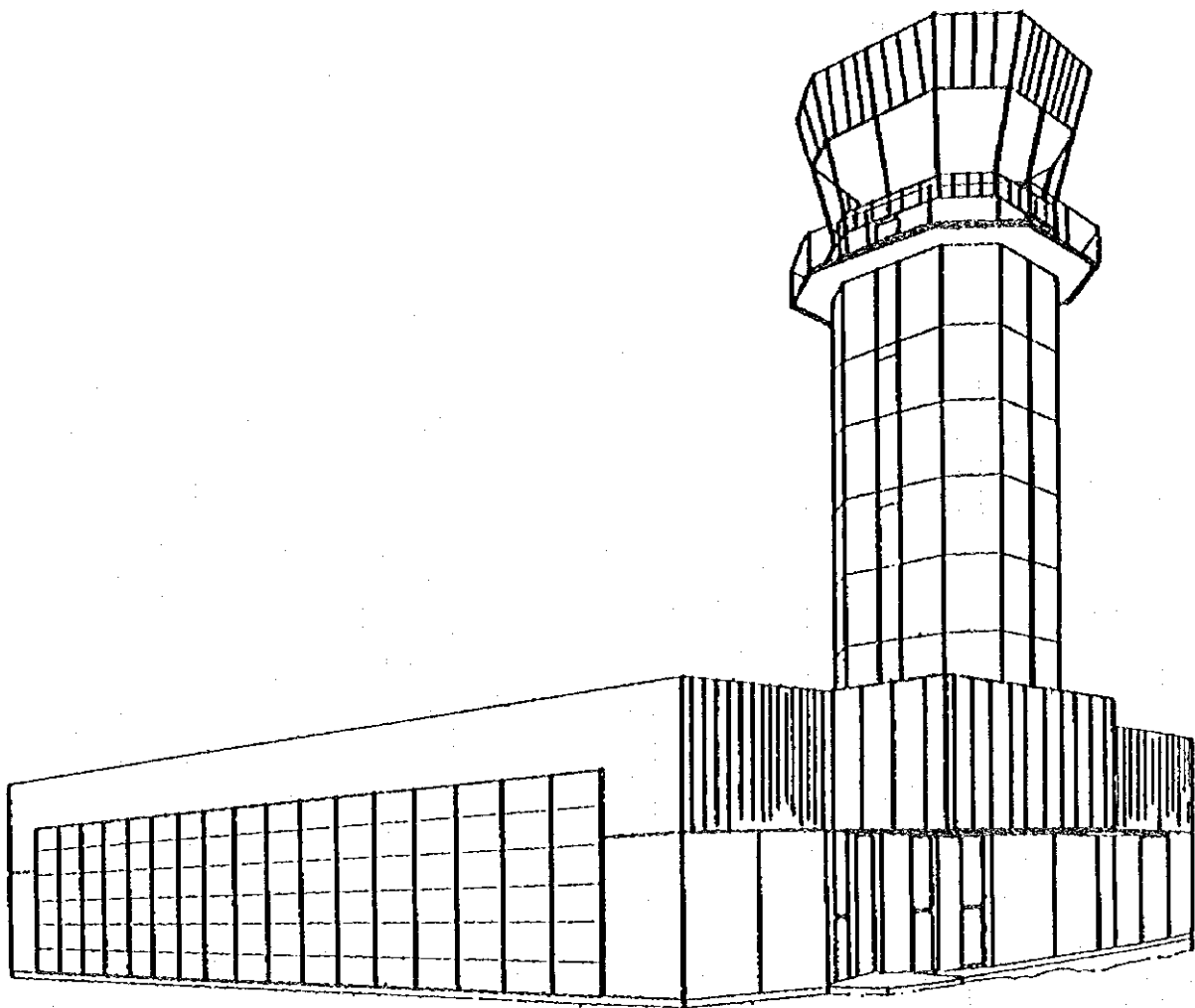
### **III. Non-functional shaft and base building**

The shaft space is not utilized and the base building houses a radar approach control room and other administrative rooms etc. (Fig 4.5.2 (2)).

The choice of these arrangements depends on available site size, need for future expansion, need for flexible use of space etc.



**Fig 4.5.2 (1) Free-standing Control Tower with Functional Shaft**



**Fig 4.5.2 (2) Control Tower with Base Building**