

S1-5-2

Traffic Matrices in 1996, 2000, 2005, 2010



S1-5-2 Traffic Matrix <unit:eri> (Long Distance Call, 1996)

AREA NAME	1.DAMA	2.ALNA	3.ZABA	4.QUEN	5.DARA	6.SWED	7.ALEP	8.MANB	9.RAKK	10.IDLE	11.HASA	12.KAME	13.DERA	14.HOMS	15.HAMA	16.LATT	17.TART	18.INTE	TOTAL
1.DAMASCUS	0.00	65.57	30.23	8.48	84.96	58.50	281.85	8.53	26.18	53.22	29.35	25.86	39.98	212.99	86.51	121.20	74.10	149.46	1,356.96
2.ALNABEK	65.69	0.00	0.15	0.05	0.60	0.42	4.38	0.13	0.40	0.84	0.41	0.36	0.58	4.75	1.61	1.81	1.04	5.30	88.53
3.ZABADANI	30.29	0.15	0.00	0.02	0.13	0.10	0.66	0.02	0.06	0.13	0.07	0.06	0.09	0.52	0.21	0.30	0.19	2.10	35.11
4.QUENNETRA	8.50	0.05	0.02	0.16	0.08	0.30	0.30	0.01	0.03	0.06	0.03	0.03	0.04	0.20	0.09	0.13	0.08	0.62	10.42
5.DARAA	85.13	0.60	0.15	0.16	0.00	2.36	4.47	0.14	0.44	0.81	0.53	0.47	0.71	2.67	1.19	1.79	1.13	7.72	110.48
6.SWEDA	58.62	0.42	0.10	0.08	2.36	0.00	2.83	0.09	0.29	0.51	0.34	0.30	0.47	1.75	0.77	1.10	0.68	5.31	76.01
7.ALEPPO	282.25	4.38	0.66	0.30	4.47	2.83	0.00	8.77	13.09	54.57	10.68	9.21	12.61	41.69	29.68	41.87	21.38	53.21	591.65
8.MANBEG	8.53	0.13	0.02	0.01	0.14	0.09	0.77	0.00	0.68	0.83	0.50	0.42	0.54	1.10	0.70	0.98	0.54	1.53	25.50
9.RAKKAH	26.21	0.40	0.06	0.03	0.44	0.29	13.08	0.68	0.00	1.67	2.08	1.54	2.95	3.17	1.85	2.31	1.29	4.37	62.41
10.IDLEB	53.27	0.84	0.13	0.06	0.81	0.51	54.55	0.83	1.67	0.00	1.50	1.31	1.82	8.75	6.94	11.38	5.09	12.99	162.44
11.HASAKAH	29.36	0.41	0.07	0.03	0.53	0.34	10.68	0.50	2.08	1.50	0.68	0.96	4.52	2.97	1.65	2.35	1.38	5.07	72.43
12.KAMESJLE	25.89	0.36	0.06	0.03	0.47	0.30	9.21	0.42	1.54	1.31	8.96	0.00	0.00	2.56	1.42	2.09	1.24	3.76	62.69
13.DERAZLOR	40.03	0.58	0.09	0.04	0.71	0.47	12.61	0.54	2.95	1.82	4.53	3.07	0.00	4.06	2.20	2.88	1.67	5.88	84.12
14.HOMS	213.33	4.75	0.52	0.20	2.67	1.75	41.69	1.10	3.17	8.75	2.97	2.56	4.06	0.00	29.16	17.89	9.06	29.85	373.46
15.HAMA	86.62	1.61	0.21	0.09	1.19	0.77	29.68	0.70	1.85	6.94	1.65	1.47	2.20	29.14	0.00	11.61	5.33	15.73	196.73
16.LATTAKIA	121.26	1.81	0.30	0.13	1.79	1.10	41.87	0.98	2.31	11.39	2.35	2.09	2.88	17.88	11.61	0.00	29.76	21.69	271.30
17.TARTOUS	74.19	1.04	0.19	0.08	1.12	0.68	21.38	0.54	1.29	5.09	1.38	1.24	1.67	9.05	5.34	29.76	0.00	11.59	165.63
18.INTERNATIONAL	149.46	5.30	2.10	0.62	7.72	5.31	53.21	1.53	4.37	12.99	5.07	3.76	5.88	29.85	15.73	21.69	11.59	0.00	336.20
TOTAL	1,358.76	88.40	35.04	10.40	110.30	75.89	591.21	25.50	62.38	162.43	72.40	62.66	84.07	373.09	196.65	271.16	165.54	336.20	4,082.08

S1-5-2 Traffic Matrix <unit:eri> (Long Distance Call, 2000)

AREA NAME	1.DAMA	2.ALNA	3.ZABA	4.QUEN	5.DARA	6.SWED	7.ALEP	8.MANB	9.RAKK	10.IDLE	11.HASA	12.KAME	13.DERA	14.HOMS	15.HAMA	16.LATT	17.TART	18.INTE	TOTAL
1.DAMASCUS	0.00	132.06	117.27	14.15	147.95	100.01	461.01	13.31	43.52	81.65	37.83	52.34	68.03	348.30	142.87	192.00	117.53	255.50	2,325.33
2.ALNABEK	131.85	0.00	0.91	0.12	1.63	1.13	11.13	0.31	1.03	2.00	0.83	1.13	1.53	12.08	4.13	4.46	2.56	11.30	188.13
3.ZABADANI	117.05	0.91	0.00	0.08	0.80	0.50	3.23	0.09	0.29	0.58	0.25	0.35	0.45	2.56	1.04	1.43	0.88	8.34	138.83
4.QUENNETRA	14.13	0.12	0.08	0.00	0.36	0.17	0.64	0.02	0.06	0.11	0.05	0.08	0.10	0.41	0.18	0.27	0.17	1.08	18.02
5.DARAA	157.70	1.63	0.80	0.36	0.00	5.41	9.82	0.30	0.98	1.68	0.92	1.29	1.63	5.86	2.64	3.81	2.40	14.11	201.35
6.SWEDA	99.84	1.13	0.50	0.17	5.41	0.00	6.10	0.18	0.63	1.04	0.58	0.80	1.05	3.78	1.67	2.30	1.42	9.54	136.15
7.ALEPPO	460.48	11.14	3.23	0.64	9.83	6.11	0.00	17.31	27.47	105.75	17.39	23.55	27.11	86.10	61.91	83.79	42.83	97.44	1,082.06
8.MANBEG	13.30	0.31	0.09	0.02	0.30	0.18	17.31	0.00	1.36	1.54	0.78	1.03	1.11	2.16	1.39	1.87	1.03	2.79	46.58
9.RAKKAH	41.48	1.03	0.29	0.06	0.98	0.63	27.48	1.36	0.00	3.28	3.44	4.01	6.44	6.65	3.93	4.69	2.63	8.31	118.69
10.IDLEB	81.58	2.00	0.58	0.11	1.68	1.04	105.80	1.54	3.29	0.00	2.29	3.14	3.67	16.96	13.59	21.38	9.57	23.32	291.55
11.HASAKAH	37.79	0.83	0.25	0.05	0.92	0.58	17.40	0.78	3.44	2.29	0.00	18.06	7.67	4.83	2.71	3.71	2.18	7.79	111.29
12.KAMESJLE	52.28	1.13	0.35	0.08	1.29	0.80	23.55	1.03	4.01	3.14	18.06	0.00	8.17	6.53	3.67	5.18	3.08	8.45	140.79
13.DERAZLOR	67.96	1.53	0.45	0.10	1.63	1.05	27.11	1.11	6.44	3.67	7.67	8.17	0.00	8.72	4.77	6.00	3.48	11.28	161.13
14.HOMS	347.85	12.08	2.56	0.41	5.86	3.78	86.09	2.16	6.65	16.95	4.83	6.53	8.72	0.00	60.78	35.77	18.13	53.88	673.05
15.HAMA	142.73	4.13	1.04	0.18	2.64	1.67	61.93	1.39	3.93	13.59	4.77	3.67	4.77	60.80	0.00	23.47	10.80	29.52	368.96
16.LATTAKIA	191.80	4.47	1.43	0.27	3.81	2.30	83.80	1.87	4.69	2.63	5.18	3.71	6.00	35.78	23.47	0.00	57.77	38.95	486.66
17.TARTOUS	117.41	2.56	0.88	0.17	2.40	1.42	42.84	1.03	2.63	9.57	2.18	3.08	3.48	18.14	10.79	57.77	0.00	20.81	297.15
18.INTERNATIONAL	255.50	11.30	8.34	1.08	14.11	9.54	97.44	2.79	8.31	23.32	7.79	8.45	11.28	53.88	29.52	38.95	20.81	0.00	602.45
TOTAL	2,322.77	188.36	139.06	18.05	201.61	136.32	1,082.67	46.58	118.72	291.54	111.31	140.83	161.20	673.55	369.06	486.84	297.26	602.45	7,368.18

SI-5-2 Traffic Matrix <unit:rl> (Long Distance Call, 2005)

AREA NAME	1 DAMA	2 ALNA	3 ZABA	4 QUEN	5 DARA	6 SWED	7 ALEP	8 MANB	9 RAKK	10 IDLE	11 HASA	12 KAME	13 DERA	14 HOMS	15 HAMA	16 LATT	17 TART	18 INTE	TOTAL
1 DAMASCUS	0.00	145.53	124.65	15.58	150.00	107.31	493.57	14.94	46.76	87.64	59.73	57.05	73.00	373.62	153.30	206.11	126.23	274.87	2,498.89
2 ALNABEK	145.52	0.00	0.99	0.14	1.81	1.25	12.29	0.36	1.14	2.21	0.90	1.27	1.70	13.36	4.57	4.94	2.83	12.46	207.74
3 ZABADANI	124.65	0.99	0.00	0.09	0.86	0.53	3.44	0.10	0.31	0.62	0.26	0.38	0.48	2.73	1.11	1.53	0.94	8.87	147.90
4 QUENNETRA	15.58	0.14	0.09	0.00	0.40	0.19	0.70	0.02	0.07	0.12	0.06	0.09	0.11	0.45	0.20	0.30	0.19	1.19	19.89
5 DARAA	158.99	1.81	0.86	0.40	0.00	5.84	10.57	0.33	1.06	1.81	0.97	1.41	1.76	6.32	2.85	4.11	2.59	15.18	216.88
6 SWEDA	107.31	1.25	0.53	0.19	5.84	0.00	6.56	0.21	0.67	1.12	0.61	0.88	1.13	4.07	1.80	2.48	1.53	10.25	146.43
7 ALEPPO	493.56	12.29	3.44	0.70	10.57	6.56	0.00	19.44	29.56	113.66	18.29	25.70	29.12	92.48	66.52	90.06	46.06	104.64	1,162.65
8 MANBEG	14.94	0.36	0.10	0.02	0.33	0.21	19.44	0.00	1.53	1.73	0.86	1.18	1.25	2.43	1.56	2.10	1.16	3.14	52.36
9 RAKKAH	46.76	1.14	0.31	0.07	1.06	0.67	29.56	1.53	3.54	3.43	3.63	4.39	6.94	7.17	4.24	5.06	2.83	8.95	127.87
10 IDLEB	87.64	2.21	0.62	0.12	1.81	1.12	113.66	1.73	3.54	2.41	0.00	19.33	8.08	5.09	2.86	3.91	2.30	8.23	117.53
11 HASAKAH	39.73	0.90	0.26	0.06	0.97	0.61	18.29	0.86	3.63	3.43	19.33	0.00	8.94	7.14	4.01	5.66	3.37	9.21	153.43
12 KAMESLE	57.05	1.27	0.38	0.09	1.41	0.88	25.70	1.18	4.39	3.95	8.08	8.94	0.00	9.39	5.13	6.46	3.75	12.13	173.31
13 DERALZOR	73.00	1.70	0.48	0.11	1.76	1.13	29.12	1.25	6.94	3.95	8.08	8.94	0.00	9.39	5.13	6.46	3.75	12.13	173.31
14 HOMS	373.61	13.36	2.73	0.45	6.32	4.07	92.48	2.43	7.17	18.26	5.09	7.14	9.39	0.00	65.44	38.53	19.54	57.92	723.93
15 HAMA	153.30	4.57	1.11	0.20	2.85	1.80	66.52	1.56	4.24	14.63	2.86	4.01	5.13	65.44	0.00	25.28	11.63	31.75	396.87
16 LATTAKIA	206.11	4.94	1.53	0.30	4.11	2.48	40.06	2.10	5.06	23.03	3.91	5.66	6.46	38.53	25.28	0.00	62.28	41.90	523.74
17 TARTOUS	126.23	2.83	0.92	0.19	2.59	1.53	46.06	1.16	2.83	10.31	2.30	3.37	9.21	19.54	11.63	62.28	0.00	22.40	319.64
18 INTERNATIONAL	274.87	12.46	8.87	1.19	15.18	10.25	104.64	3.14	8.95	25.09	8.23	9.21	12.13	57.92	31.75	41.90	22.40	0.00	648.18
TOTAL	2,498.86	207.74	147.90	19.89	216.88	146.43	1,162.66	52.36	127.87	313.60	117.53	153.43	173.31	723.94	396.87	523.74	319.94	648.18	7,951.13

SI-5-2 Traffic Matrix <unit:rl> (Long Distance Call, 2010)

AREA NAME	1 DAMA	2 ALNA	3 ZABA	4 QUEN	5 DARA	6 SWED	7 ALEP	8 MANB	9 RAKK	10 IDLE	11 HASA	12 KAME	13 DERA	14 HOMS	15 HAMA	16 LATT	17 TART	18 INTE	TOTAL
1 DAMASCUS	0.00	160.98	131.90	16.74	170.62	115.33	526.31	16.55	49.97	93.57	41.62	61.78	78.10	399.06	163.77	220.29	134.88	295.31	2,676.79
2 ALNABEK	161.66	0.00	1.10	0.15	2.04	1.41	13.75	0.42	1.28	2.48	0.99	1.44	1.90	14.97	5.12	5.54	3.18	13.83	231.26
3 ZABADANI	132.55	1.10	0.00	0.10	0.92	0.57	3.68	0.11	0.34	0.67	0.28	0.41	0.51	2.93	1.19	1.64	1.01	9.40	157.42
4 QUENNETRA	16.82	0.15	0.10	0.00	0.44	0.20	0.76	0.02	0.07	0.13	0.06	0.09	0.12	0.50	0.22	0.32	0.20	1.29	21.50
5 DARAA	171.37	2.04	0.92	0.44	0.00	6.39	11.48	0.38	1.15	1.97	1.04	1.56	1.92	6.87	3.10	4.47	2.82	16.34	234.25
6 SWEDA	115.83	1.41	0.57	0.20	6.39	0.00	7.13	0.24	0.74	1.22	0.65	0.97	1.23	4.44	1.96	2.70	1.67	11.05	158.39
7 ALEPPO	527.92	13.73	3.68	0.76	11.46	7.13	0.00	21.77	31.91	123.61	19.36	28.12	31.48	99.80	71.80	97.25	49.72	112.42	1,230.91
8 MANBEG	16.55	0.42	0.11	0.02	0.38	0.23	21.74	0.00	1.72	1.94	0.94	1.34	1.41	2.73	1.75	2.36	1.30	3.51	58.48
9 RAKKAH	50.10	1.28	0.33	0.07	1.15	0.73	31.90	1.72	3.83	3.83	3.85	4.81	7.52	7.75	4.58	5.48	3.06	9.64	137.70
10 IDLEB	93.76	2.47	0.67	0.13	1.96	1.21	122.48	1.94	3.83	3.00	2.56	3.76	4.28	19.71	15.80	24.88	11.14	27.01	337.58
11 HASAKAH	41.72	0.88	0.28	0.06	1.03	0.65	19.35	0.93	3.83	2.56	0.00	20.76	8.57	5.39	3.03	4.15	2.44	8.71	124.47
12 KAMESLE	61.94	1.44	0.41	0.09	1.55	0.97	28.11	1.34	4.81	3.76	20.77	0.00	9.81	7.83	4.39	6.21	3.69	10.02	167.13
13 DERALZOR	78.32	1.90	0.51	0.12	1.91	1.23	31.47	1.41	7.52	4.28	8.58	9.81	10.17	10.16	5.56	7.00	4.06	13.07	186.90
14 HOMS	409.41	14.96	2.93	0.49	6.87	4.43	99.83	2.73	7.75	19.74	5.39	7.83	10.17	0.00	70.77	41.69	21.14	62.23	779.45
15 HAMA	164.18	5.11	1.18	0.22	3.09	1.96	71.76	1.75	4.58	15.81	3.03	4.39	5.55	70.71	0.00	27.33	12.57	34.17	427.39
16 LATTAKIA	220.89	5.53	1.64	0.32	4.47	2.70	97.21	2.36	5.48	24.90	4.15	6.21	6.99	41.66	27.33	0.00	67.37	45.10	564.31
17 TARTOUS	135.25	3.17	1.01	0.20	2.81	1.67	49.71	1.30	3.07	11.14	2.44	3.69	4.06	21.12	12.58	67.37	0.00	24.11	344.69
18 INTERNATIONAL	295.31	13.83	9.40	1.29	16.34	11.05	112.42	3.51	9.64	27.01	8.71	10.02	13.07	62.23	34.17	45.10	24.11	0.00	697.19
TOTAL	2,684.62	230.52	156.72	21.42	233.45	157.86	1,249.08	88.48	137.70	337.61	124.40	166.99	186.68	777.84	427.10	563.78	344.36	697.19	8,555.82

CENTER NAME	LANA	SAKTI	USKALADOME	BAKSO	BIKAL	CAKRI	ANAKI	SAVAZI	DAWAI	ILALVA	KURUK	LABARU	BARUDU	SANRUK	ISZALI	DOOMA	BERMAY	BOBAY	YANAKTA	TAJALUA	NAJADINE	SALEPE	SAADABA	SIKAWA	MASSING	SI ALINE	BALITO	BAKSONI	KAKORA	HUZARA	SIKARAB	BAKRIER	IS	KORUKUTAL	
1. JAWABER	2028	1612	664	346	242	146	84	46	26	14	8	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2. JAWABER	1727	1271	502	262	181	99	55	29	15	8	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3. JAWABER	1510	1078	402	212	146	78	43	23	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4. JAWABER	1302	928	338	182	126	66	36	19	10	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5. JAWABER	1102	782	282	152	102	52	28	14	7	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. JAWABER	902	632	232	122	82	42	22	11	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7. JAWABER	702	512	182	102	62	32	16	8	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8. JAWABER	502	362	132	72	42	22	11	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9. JAWABER	302	212	82	42	22	11	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44. JAWABER	102	72	22	12	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
45. JAWABER	102	72																																	

S1-5-2 Traffic Matrix <unit:erl.> (Alnabek, 1996)

CENTER NAME	1.ALNA	2.YABR	3.KOTT	4.DERA	5.JERO	6.MALL	7.EINT	8.KARR	9.MANU	10.TS	TOTAL
1 ALNABEK	80.40	7.27	32.94	17.57	21.47	7.29	4.01	22.64	51.22	22.78	267.61
2 YABROD	7.71	36.00	13.59	7.77	10.24	4.26	1.47	5.07	23.56	10.20	119.86
3 KOTTEFEH	31.68	12.33	32.40	5.85	8.54	2.32	0.59	0.82	4.44	9.18	108.14
4 DERATTIAH	20.65	8.59	6.95	32.40	5.32	1.85	1.03	11.06	10.97	9.18	108.00
5 JEROD	21.50	10.64	6.67	6.35	33.60	4.00	2.07	2.14	15.52	9.52	112.02
6 MALLOLA	7.27	4.40	1.81	2.19	3.98	12.00	0.38	0.78	3.80	3.40	40.02
7 EINTENEH	3.96	1.50	0.45	1.21	2.04	0.38	6.00	0.40	2.37	1.70	20.01
8 KARRA	21.67	5.03	0.61	12.61	2.05	0.75	0.39	22.80	3.72	6.46	76.09
9 ALL MANUAL	50.38	24.04	3.41	12.86	15.24	3.75	2.36	3.82	56.40	15.98	188.24
10 TS	22.78	10.20	9.18	9.18	9.52	3.40	1.70	6.46	15.98	0.00	88.40
TOTAL	268.00	120.00	108.00	108.00	112.00	40.00	20.00	76.00	188.00	88.40	1,128.40

S1-5-2 Traffic Matrix <unit:erl.> (Alnabek, 2000)

CENTER NAME	1.ALNA	2.YABR	3.KOTT	4.DERA	5.JERO	6.MALL	7.EINT	8.KARR	9.MANU	10.TS	TOTAL
1 ALNABEK	135.60	6.20	36.87	13.97	19.21	5.54	2.04	28.42	165.45	38.42	451.73
2 YABROD	6.68	79.20	20.22	8.21	12.18	4.30	0.99	8.46	101.16	22.44	263.85
3 KOTTEFEH	34.23	17.42	49.20	7.71	12.66	2.92	0.49	1.71	23.77	13.94	164.05
4 DERATTIAH	17.61	9.58	10.18	54.00	6.23	1.84	0.68	18.17	46.37	15.30	179.95
5 JEROD	19.37	12.53	10.32	6.98	62.40	4.20	1.45	3.72	69.28	17.68	207.93
6 MALLOLA	5.57	4.41	2.38	2.05	4.19	16.80	0.23	1.15	14.44	4.76	55.99
7 EINTENEH	2.03	1.01	0.40	0.76	1.44	0.23	6.00	0.39	6.04	1.70	20.00
8 KARRA	27.81	8.45	1.35	19.74	3.61	1.12	0.39	42.00	23.67	11.90	140.03
9 ALL MANUAL	164.67	102.76	19.14	51.28	68.40	14.29	6.02	24.08	219.60	62.22	732.45
10 TS	38.42	22.44	13.94	15.30	17.68	4.76	1.70	11.90	62.22	0.00	188.36
TOTAL	452.00	264.00	164.00	180.00	208.00	56.00	20.00	140.00	732.00	188.36	2,404.36

SI-5-2 Traffic Matrix <unit:ert.> (Alnabek, 2005)

CENTER NAME	1.ALNA	2.YABR	3.KOTT	4.DERA	5.JERO	6.MALL	7.EINT	8.KARR	9.MANU	10.TS	TOTAL
1 ALNABEK	145.20	5.99	36.72	13.31	18.77	5.02	1.83	28.87	187.52	41.14	484.37
2 YABROD	6.46	87.60	20.79	8.08	12.29	4.02	0.92	8.87	118.38	24.82	292.22
3 KOTTEFEH	33.78	17.71	51.60	7.73	13.03	2.79	0.47	1.83	28.38	14.62	171.94
4 DERATTIAH	16.91	9.48	10.39	57.60	6.24	1.70	0.63	18.91	53.88	16.32	192.07
5 JEROD	18.92	12.62	10.72	6.93	68.40	3.97	1.36	3.93	81.87	19.38	228.11
6 MALLOLA	5.05	4.12	2.29	1.89	3.96	16.80	0.20	1.13	15.82	4.76	56.01
7 EINTENEH	1.83	0.93	0.38	0.69	1.34	0.20	6.00	0.38	6.55	1.70	20.01
8 KARRA	28.28	8.85	1.46	20.42	3.82	1.10	0.38	45.60	29.12	12.92	151.96
9 ALL MANUAL	186.42	119.88	23.03	59.03	80.76	15.64	6.53	29.55	254.40	72.08	847.31
10 TS	41.14	24.82	14.62	16.32	19.38	4.76	1.70	12.92	72.08	0.00	207.74
TOTAL	484.00	292.00	172.00	192.00	228.00	56.00	20.00	152.00	848.00	207.74	2651.74

SI-5-2 Traffic Matrix <unit:ert.> (Alnabek, 2010)

CENTER NAME	1.ALNA	2.YABR	3.KOTT	4.DERA	5.JERO	6.MALL	7.EINT	8.KARR	9.MANU	10.TS	TOTAL
1 ALNABEK	156.00	5.52	36.76	12.52	17.58	4.74	1.59	28.45	213.24	44.20	520.61
2 YABROD	5.97	96.00	21.18	7.73	11.71	3.87	0.81	8.90	137.00	27.20	320.38
3 KOTTEFEH	33.48	17.83	55.20	7.94	13.32	2.88	0.44	1.97	35.23	15.64	183.92
4 DERATTIAH	16.06	9.15	10.88	62.40	6.11	1.69	0.57	19.50	64.09	17.68	208.13
5 JEROD	17.73	12.01	11.08	6.73	74.40	3.87	1.22	4.00	96.09	21.08	248.20
6 MALLOLA	4.77	3.96	2.39	1.85	3.86	18.00	0.18	1.16	18.75	5.10	60.02
7 EINTENEH	1.59	0.83	0.37	0.62	1.21	0.18	6.00	0.36	7.16	1.70	20.01
8 KARRA	27.96	8.89	1.59	20.91	3.90	1.14	0.36	49.20	36.06	13.94	163.96
9 ALL MANUAL	212.23	138.62	28.91	69.61	94.83	18.54	7.12	36.52	296.40	83.98	986.77
10 TS	44.20	27.20	15.64	17.68	21.08	5.10	1.70	13.94	83.98	0.00	230.52
TOTAL	520.00	320.00	184.00	208.00	248.00	60.00	20.00	164.00	988.00	230.52	2942.52

S1-5-2 Traffic Matrix <unit:erl.> (Zabadani, 1996)

CENTER NAME	1.ZABA	2.UNK1	3.UNK2	4.UNK3	5.MANU	6.TS	TOTAL
1.ZABADANI	156.00	5.52	36.76	12.52	17.58	4.74	233.12
2.UNKNOWN-1	5.97	96.00	21.18	7.73	11.71	3.87	146.46
3.UNKNOWN-2	33.48	17.83	55.20	7.94	13.32	2.88	130.64
4.UNKNOWN-3	16.06	9.15	10.88	62.40	6.11	1.69	106.29
5.ALL MANUAL	17.73	12.01	11.08	6.73	74.40	3.87	125.81
6.TS	4.77	3.96	2.39	1.85	3.86	18.00	34.83
TOTAL	234.01	144.46	137.49	99.17	126.98	35.04	777.15

S1-5-2 Traffic Matrix <unit:erl.> (Zabadani, 2000)

CENTER NAME	1.ZABA	2.UNK1	3.UNK2	4.UNK3	5.MANU	6.TS	TOTAL
1.ZABADANI	256.80	5.52	36.76	12.52	17.58	72.76	401.94
2.UNKNOWN-1	5.97	49.20	21.18	7.73	11.71	13.94	109.73
3.UNKNOWN-2	33.48	17.83	16.80	7.94	13.32	4.76	94.12
4.UNKNOWN-3	16.06	9.15	10.88	6.00	6.11	1.70	49.90
5.ALL MANUAL	17.73	12.01	11.08	6.73	162.00	45.90	255.44
6.TS	72.76	13.94	4.76	1.70	45.90	0.00	139.06
TOTAL	402.80	107.64	101.46	42.62	256.62	139.06	1,050.20

S1-5-2 Traffic Matrix <unit:erl.> (Zabadani, 2005)

CENTER NAME	1.ZABA	2.UNK1	3.UNK2	4.UNK3	5.MANU	6.TS	TOTAL
1.ZABADANI	264.00	5.52	36.76	12.52	17.58	74.80	411.18
2.UNKNOWN-1	5.97	54.00	21.18	7.73	11.71	15.30	115.89
3.UNKNOWN-2	33.48	17.83	16.80	7.94	13.32	4.76	94.12
4.UNKNOWN-3	16.06	9.15	10.88	6.00	6.11	1.70	49.90
5.ALL MANUAL	17.73	12.01	11.08	6.73	181.20	51.34	280.08
6.TS	74.80	15.30	4.76	1.70	51.34	0.00	147.90
TOTAL	412.04	113.80	101.46	42.62	281.26	147.90	1,099.08

S1-5-2 Traffic Matrix <unit:erl.> (Zabadani, 2010)

CENTER NAME	1.ZABA	2.UNK1	3.UNK2	4.UNK3	5.MANU	6.TS	TOTAL
1.ZABADANI	273.60	5.52	36.76	12.52	17.58	77.52	423.50
2.UNKNOWN-1	5.97	58.80	21.18	7.73	11.71	16.66	122.05
3.UNKNOWN-2	33.48	17.83	18.00	7.94	13.32	5.10	95.66
4.UNKNOWN-3	16.06	9.15	10.88	6.00	6.11	1.70	49.90
5.ALL MANUAL	17.73	12.01	11.08	6.73	196.80	55.76	300.10
6.TS	77.52	16.66	5.10	1.70	55.76	0.00	156.74
TOTAL	424.36	119.96	103.00	42.62	301.28	156.74	1,147.96

S1-5-2 Traffic Matrix <unit:erl.> (Quennetra, 1996)

CENTER NAME	1.QUEN	2.JOBA	3.MAMU	4.TS	TOTAL
1. QUENNETRA	19.44	8.85	26.56	5.51	60.36
2. JOBATTA	9.96	4.32	0.00	1.22	15.51
3. ALL MANUAL	29.89	0.00	12.96	3.67	46.53
4. TS	5.51	1.22	3.67	0.00	10.40
TOTAL	64.80	14.40	43.20	10.40	132.80

S1-5-2 Traffic Matrix <unit:erl.> (Quennetra, 2000)

CENTER NAME	1.QUEN	2.JOBA	3.MAMU	4.TS	TOTAL
1. QUENNETRA	23.76	6.13	43.51	6.73	80.13
2. JOBATTA	6.11	10.80	16.27	3.06	36.24
3. ALL MANUAL	42.60	16.01	29.16	8.26	96.03
4. TS	6.73	3.06	8.26	0.00	18.05
TOTAL	79.20	36.00	97.20	18.05	230.45

S1-5-2 Traffic Matrix <unit:erl.> (Quennetra, 2005)

CENTER NAME	1.QUEN	2.JOBA	3.MAMU	4.TS	TOTAL
1. QUENNETRA	24.84	2.48	50.44	7.04	84.79
2. JOBATTA	2.47	10.80	20.41	3.06	36.74
3. ALL MANUAL	48.45	19.66	34.56	9.79	112.47
4. TS	7.04	3.06	9.79	0.00	19.89
TOTAL	82.80	36.00	115.20	19.89	253.89

S1-5-2 Traffic Matrix <unit:erl.> (Quennetra, 2010)

CENTER NAME	1.QUEN	2.JOBA	3.MAMU	4.TS	TOTAL
1. QUENNETRA	25.92	2.70	51.11	7.34	87.08
2. JOBATTA	2.70	12.96	24.17	3.67	43.50
3. ALL MANUAL	50.44	23.87	36.72	10.40	121.43
4. TS	7.34	3.67	10.40	0.00	21.42
TOTAL	86.40	43.20	122.40	21.42	273.42

S1-5-2 Traffic Matrix <unit:erl.> (Daraa, 1996)

CENTER NAME	1.DARA	2.EZRA	3.NAWA	4.SHAY	5.TAFF	6.DAEL	7.JASS	8.KAZZ	9.ALHR	10.SANA	11.BOSR	12.MANU	13.TS	TOTAL
1.DARAA	224.96	7.05	24.89	15.17	10.77	24.06	21.37	14.78	16.58	17.30	15.61	115.47	48.93	556.93
2.EZRAE	8.76	15.96	6.07	3.96	3.04	2.19	0.84	1.39	0.94	1.11	1.97	2.34	4.52	53.08
3.NAWA	26.89	5.27	20.52	2.23	1.89	0.37	2.13	0.78	0.34	0.86	0.58	1.32	5.81	68.99
4.SHAYKE MASKEEN	19.48	4.09	2.58	15.96	1.31	0.18	0.78	0.76	0.56	0.69	0.73	1.94	4.52	53.57
5.TAFFAS	12.32	3.07	1.50	1.63	11.40	3.47	0.24	0.15	0.14	0.16	0.15	0.73	3.23	38.19
6.DAEL	26.18	2.07	0.34	0.20	3.33	15.96	0.16	0.11	0.12	0.12	0.11	0.60	4.52	53.83
7.JASSEN	20.33	1.08	2.37	1.35	0.46	0.31	15.96	1.38	0.59	1.80	1.05	2.35	4.52	53.54
8.KAZZALEH	13.88	1.78	0.85	1.29	0.28	0.22	1.36	13.68	0.64	3.37	2.52	2.02	3.88	45.77
9.ALHRAK	15.90	1.22	0.38	0.97	0.26	0.23	0.59	0.65	12.54	0.67	0.87	4.20	3.55	42.04
10.SANAMEN	16.40	1.43	0.95	1.20	0.31	0.24	1.80	3.40	0.66	14.82	2.01	2.23	4.20	49.63
11.BOSRA	14.64	2.51	0.64	1.24	0.28	0.22	1.03	2.52	0.85	1.99	13.68	2.34	3.88	45.82
12.ALL MANUAL	113.72	3.14	1.51	3.48	1.44	1.23	2.43	2.12	4.31	2.32	2.46	66.12	18.73	223.02
13 TS	48.93	4.52	5.81	4.52	3.23	4.52	4.52	3.88	3.55	4.20	3.88	18.73	0.00	110.30
TOTAL	562.40	53.20	68.40	53.20	38.00	53.20	53.20	45.60	41.80	49.40	45.60	220.40	110.30	1,394.70

S1-5-2 Traffic Matrix <unit:erl.> (Daraa, 2000)

CENTER NAME	1.DARA	2.EZRA	3.NAWA	4.SHAY	5.TAFF	6.DAEL	7.JASS	8.KAZZ	9.ALHR	10.SANA	11.BOSR	12.MANU	13.TS	TOTAL
1.DARAA	334.40	3.29	29.81	9.46	8.92	22.28	13.88	8.84	8.83	14.75	12.06	299.55	72.73	838.80
2.EZRAE	4.56	23.94	13.12	4.46	4.54	3.66	0.98	1.50	0.90	1.70	2.75	10.98	6.78	79.88
3.NAWA	34.08	10.81	43.32	6.11	6.88	1.49	6.10	2.05	0.79	3.21	1.98	15.06	12.27	144.17
4.SHAYKE MASKEEN	14.95	5.07	8.22	25.08	2.89	0.46	1.35	1.21	0.79	1.57	1.49	13.41	7.11	83.58
5.TAFFAS	12.31	4.96	6.24	3.53	22.80	11.14	0.54	0.31	0.25	0.49	0.39	6.56	6.46	75.98
6.DAEL	28.03	3.59	1.50	0.46	10.24	25.08	0.38	0.25	0.23	0.38	0.33	5.80	7.11	83.37
7.JASSEN	12.83	1.10	6.21	1.84	0.83	0.63	21.66	1.80	0.68	3.37	1.77	13.35	6.14	72.21
8.KAZZALEH	8.14	1.69	2.08	1.64	0.47	0.42	1.80	18.24	0.69	5.85	3.96	10.67	5.17	60.82
9.ALHRAK	8.24	1.02	0.81	1.09	0.39	0.39	0.69	0.70	17.10	1.02	1.21	19.58	4.84	57.10
10.SANAMEN	13.63	1.92	3.27	2.15	0.75	0.63	3.37	5.88	1.01	26.22	4.47	16.70	7.43	87.42
11.BOSRA	11.11	3.08	2.01	2.04	0.60	0.55	1.76	3.96	1.20	4.46	22.80	16.01	6.46	76.03
12.ALL MANUAL	281.00	12.55	15.54	18.62	10.24	9.77	13.55	10.88	19.68	16.95	16.31	208.62	59.11	692.82
13 TS	72.73	6.78	12.27	7.11	6.46	7.11	6.14	5.17	4.84	7.43	6.46	59.11	0.00	201.61
TOTAL	836.00	79.80	144.40	83.60	76.00	83.60	72.20	60.80	57.00	87.40	76.00	695.40	201.61	2,553.81

S1-5-2 Traffic Matrix <unit:rl.> (Daraa, 2005)

CENTER NAME	1.DARA	2.EZRA	3.NAWA	4.SHAY	5.TAFF	6.DAEL	7.JASS	8.KAZZ	9.ALHR	10.SANA	11.BOSR	12.MANU	13.TS	TOTAL
1.DARAA	352.64	3.45	31.26	9.92	8.96	23.81	14.13	9.08	8.99	14.84	12.82	327.72	76.70	894.32
2.EZRAE	4.76	26.22	14.45	4.91	4.79	4.11	1.05	1.62	0.96	1.80	3.07	12.62	7.43	87.79
3.NAWA	35.27	11.82	46.74	6.67	7.20	1.66	6.46	2.19	0.84	3.36	2.19	17.14	13.24	154.78
4.SHAYKE MASKEEN	15.59	5.59	9.04	27.35	3.05	0.51	1.44	1.30	0.84	1.66	1.67	15.38	7.75	91.16
5.TAFFAS	12.29	5.24	6.57	3.72	23.94	11.95	0.55	0.32	0.26	0.49	0.42	7.21	6.78	79.72
6.DAEL	29.54	4.00	1.66	0.52	10.91	27.36	0.41	0.28	0.25	0.41	0.37	6.72	7.75	90.17
7.JASSEN	12.91	1.17	6.58	1.95	0.84	0.68	22.80	1.87	0.71	3.43	1.90	14.78	6.46	76.09
8.KAZZALEH	8.27	1.81	2.22	1.76	0.49	0.46	1.87	19.38	0.72	6.01	4.30	11.92	5.49	64.69
9.ALHRAK	8.34	1.09	0.86	1.16	0.40	0.42	0.72	0.73	18.24	1.05	1.31	21.79	5.17	61.29
10.SANAMEN	13.56	2.01	3.43	2.26	0.75	0.67	3.43	6.04	1.03	27.36	4.76	18.28	7.75	91.33
11.BOSRA	11.68	3.42	2.23	2.26	0.64	0.62	1.90	4.30	1.29	4.74	25.08	18.52	7.11	83.78
12.ALL MANUAL	300.06	14.15	17.50	20.96	11.05	11.21	14.81	11.99	21.51	18.31	18.61	230.28	65.25	755.68
13 TS	76.70	7.43	13.24	7.75	6.78	7.75	6.46	5.49	5.17	7.75	7.11	65.25	0.00	216.88
TOTAL	881.60	87.40	155.80	91.20	79.80	91.20	76.00	64.60	60.80	91.20	83.60	767.60	216.88	2,747.68

S1-5-2 Traffic Matrix <unit:rl.> (Daraa, 2010)

CENTER NAME	1.DARA	2.EZRA	3.NAWA	4.SHAY	5.TAFF	6.DAEL	7.JASS	8.KAZZ	9.ALHR	10.SANA	11.BOSR	12.MANU	13.TS	TOTAL
1.DARAA	372.40	3.01	30.78	8.70	8.41	22.07	12.76	8.31	7.89	13.91	11.49	351.83	81.00	932.54
2.EZRAE	4.28	27.36	15.34	4.65	4.84	4.10	1.02	1.60	0.91	1.82	2.96	14.61	7.75	91.25
3.NAWA	35.93	12.60	51.30	7.16	8.26	1.88	7.13	2.45	0.90	3.85	2.41	22.50	14.53	170.89
4.SHAYKE MASKEEN	14.36	5.39	9.83	28.50	3.16	0.52	1.43	1.31	0.82	1.72	1.65	18.25	8.07	95.01
5.TAFFAS	12.18	5.43	7.69	3.88	26.22	13.17	0.59	0.35	0.27	0.55	0.45	9.20	7.43	87.39
6.DAEL	29.18	4.13	1.94	0.54	12.12	28.50	0.44	0.30	0.26	0.45	0.39	8.55	8.07	94.89
7.JASSEN	11.87	1.13	7.15	1.89	0.87	0.69	23.94	1.89	0.68	3.55	1.88	17.50	6.78	79.82
8.KAZZALEH	7.69	1.76	2.44	1.72	0.51	0.47	1.88	20.52	0.71	6.29	4.30	14.30	5.81	68.42
9.ALHRAK	7.39	1.01	0.91	1.08	0.40	0.42	0.69	0.71	19.38	1.04	1.25	24.89	5.49	64.67
10.SANAMEN	12.92	2.01	3.86	2.26	0.81	0.72	3.54	6.31	1.04	29.64	4.88	22.44	8.40	98.83
11.BOSRA	10.65	3.26	2.40	2.17	0.65	0.62	1.87	4.30	1.24	4.86	26.22	21.75	7.43	87.44
12.ALL MANUAL	331.16	16.35	22.82	24.37	13.72	13.76	17.71	14.53	25.02	22.73	22.09	256.50	72.67	853.44
13 TS	81.00	7.75	14.53	8.07	7.43	8.07	6.78	5.81	5.49	8.40	7.43	72.67	0.00	233.45
TOTAL	931.00	91.20	171.00	95.00	87.40	95.00	79.80	68.40	64.60	98.80	87.40	855.00	233.45	2,958.05

S1-5-2 Traffic Matrix <unit:erl.> (Sweda, 1996)

CENTER NAME	1.SWED	2.SHAH	3.SALK	4.ALQR	5.MANU	6.TS	TOTAL
1 SWEDA	190.00	38.62	38.27	26.85	115.54	41.32	450.61
2 SHAHABA	42.82	25.08	2.28	1.72	7.96	7.11	86.96
3 SALKAD	42.26	2.27	20.52	0.31	1.60	5.81	72.77
4 ALQRAYA	30.36	1.75	0.31	14.82	1.10	4.20	52.53
5 ALL MANUAL	128.24	8.77	1.20	1.51	61.56	17.44	218.73
6 TS	41.32	7.11	5.81	4.20	17.44	0.00	75.89
TOTAL	475.00	83.60	68.40	49.40	205.20	75.89	957.49

S1-5-2 Traffic Matrix <unit:erl.> (Sweda, 2000)

CENTER NAME	1.SWED	2.SHAH	3.SALK	4.ALQR	5.MANU	6.TS	TOTAL
1 SWEDA	325.28	43.77	42.51	30.62	309.37	70.75	822.29
2 SHAHABA	44.04	30.78	1.81	1.40	15.22	8.72	101.97
3 SALKAD	41.01	1.73	22.80	0.24	2.87	6.46	75.11
4 ALQRAYA	30.70	1.39	0.24	17.10	2.06	4.84	56.34
5 ALL MANUAL	301.42	16.21	2.18	2.80	160.74	45.54	528.89
6 TS	70.75	8.72	6.46	4.84	45.54	0.00	136.32
TOTAL	813.20	102.60	76.00	57.00	535.80	136.32	1,720.92

S1-5-2 Traffic Matrix <unit:erl.> (Sweda, 2005)

CENTER NAME	1.SWED	2.SHAH	3.SALK	4.ALQR	5.MANU	6.TS	TOTAL
1 SWEDA	345.04	40.18	43.30	31.22	357.08	75.05	871.87
2 SHAHABA	40.78	31.92	2.25	1.74	20.25	9.04	105.98
3 SALKAD	41.58	2.13	23.94	0.32	4.19	6.78	78.95
4 ALQRAYA	31.63	1.73	0.33	18.24	3.05	5.17	60.15
5 ALL MANUAL	328.52	21.39	3.19	4.11	177.84	50.39	585.44
6 TS	75.05	9.04	6.78	5.17	50.39	0.00	146.43
TOTAL	862.60	106.40	79.80	60.80	592.80	146.43	1,848.83

S1-5-2 Traffic Matrix <unit:erl.> (Sweda, 2010)

CENTER NAME	1.SWED	2.SHAH	3.SALK	4.ALQR	5.MANU	6.TS	TOTAL
1 SWEDA	370.88	37.96	42.33	30.16	370.95	80.67	932.95
2 SHAHABA	38.97	33.06	2.41	1.84	24.40	9.37	110.04
3 SALKAD	40.81	2.26	23.94	0.35	5.18	6.78	79.33
4 ALQRAYA	31.05	1.84	0.37	18.24	3.77	5.17	60.44
5 ALL MANUAL	364.82	25.71	3.97	5.05	197.22	55.88	652.64
6 TS	80.67	9.37	6.78	5.17	55.88	0.00	157.86
TOTAL	927.20	110.20	79.80	60.80	657.40	157.86	1,993.26

S1-5-2 Traffic Matrix <unit:eri.> (Aleppo, 1996)

CENTER NAME	1.AJJA	2.ALSA	3.KANA	4.ALSO	5.HANA	6.ALAN	7.ALHA	8.NEWA	9.ALBA	10.SFER	11.EFRE	12.AEZA	13.TALR	14.DARE	15.MANU	TOTAL	
1 ALJAMELEHA	277.95	103.74	419.23	345.66	51.92	143.82	131.84	26.44	11.89	11.47	9.22	8.46	6.39	4.62	32.57	156.35	1741.19
2 ALSABELE	90.61	79.12	24.78	21.89	4.47	110.22	44.03	24.27	6.12	5.43	9.38	12.74	1.44	1.87	13.40	44.50	494.29
3 KAN-ALWAZEER	426.63	28.87	145.86	18.89	48.09	31.49	86.08	6.82	2.65	2.43	2.62	2.36	1.25	0.84	22.43	82.04	909.35
4 ALSOLYMANEYEH	348.54	25.22	18.20	136.91	68.52	59.70	52.34	13.76	6.27	5.77	5.17	4.30	5.44	1.80	24.85	77.01	853.82
5 HANANOW	53.53	5.46	47.34	72.73	41.28	2.29	8.37	0.45	0.18	0.16	0.17	0.16	0.08	0.06	2.84	23.22	258.35
6 ALANSARI	144.44	100.14	35.70	61.58	3.54	123.84	61.56	59.55	19.62	18.37	15.19	16.47	3.08	7.77	33.25	69.66	773.76
7 ALHAMDANEYEH	128.16	38.72	94.47	52.26	12.32	59.59	92.19	12.27	4.57	4.20	4.67	4.40	1.87	1.52	13.06	51.86	576.34
8 NEW AREA	26.58	22.07	7.73	14.21	0.70	59.61	12.69	37.84	5.10	4.02	9.09	7.02	0.67	1.02	6.87	21.28	236.51
9 ALBAB	11.89	5.54	2.99	6.44	0.27	19.53	4.70	5.08	34.80	8.06	1.36	1.07	0.36	0.62	3.43	9.86	116.00
10 SFERA	11.46	4.91	2.74	5.92	0.25	18.29	4.32	4.00	8.06	32.40	1.09	0.90	0.34	0.71	3.42	9.18	107.99
11 EPREEN	9.28	8.54	2.98	5.34	0.26	15.21	4.83	9.09	1.36	1.10	31.20	3.07	0.24	0.29	2.37	8.84	104.00
12 AEZAZ	8.56	11.66	2.70	4.47	0.25	16.59	4.58	7.06	1.08	0.91	3.09	31.20	0.20	0.27	2.54	8.84	104.01
13 TAL REFAET	6.32	1.28	1.40	5.53	0.12	3.03	1.90	0.66	0.35	0.34	0.23	0.19	10.80	0.10	0.68	3.06	36.00
14 DARET EZZA	4.62	1.69	0.95	1.85	0.09	7.73	1.56	1.01	0.62	0.71	0.29	0.27	0.11	10.80	0.64	3.06	35.99
15 ALL MANUAL	32.26	13.02	22.50	25.00	2.90	33.39	13.34	6.90	3.45	3.44	2.38	2.55	0.68	0.64	79.20	22.44	264.10
16 TS	156.35	44.50	82.04	77.01	23.22	69.66	51.86	21.28	9.86	9.18	8.84	8.84	3.06	3.06	22.44	0.00	591.21
TOTAL	1737.20	494.50	911.60	855.70	258.00	774.00	576.20	236.50	116.00	108.00	104.00	104.00	36.00	36.00	264.00	591.21	7202.91

S1-5-2 Traffic Matrix <unit:eri.> (Aleppo, 2000)

CENTER NAME	1.AJJA	2.ALSA	3.KANA	4.ALSO	5.HANA	6.ALAN	7.ALHA	8.NEWA	9.ALBA	10.SFER	11.EFRE	12.AEZA	13.TALR	14.DARE	15.MANU	TOTAL	
1 ALJAMELEHA	289.65	147.90	413.61	189.81	198.46	75.81	160.13	88.30	9.07	8.02	4.48	3.86	4.82	3.33	49.89	162.93	1810.07
2 ALSABELE	126.75	201.58	69.42	34.14	48.91	164.99	151.86	230.22	13.27	10.78	12.95	16.51	3.07	3.83	58.31	113.39	1259.98
3 KAN-ALWAZEER	424.23	83.08	272.45	20.94	373.90	33.51	211.06	45.95	4.08	3.43	2.57	2.18	1.91	1.22	69.36	153.25	1703.12
4 ALSOLYMANEYEH	196.62	41.18	20.56	167.87	302.26	36.04	72.80	52.64	5.48	4.62	2.88	2.25	4.70	1.48	43.60	94.43	1049.41
5 HANANOW	211.75	62.52	374.94	320.59	237.36	9.69	81.62	12.15	1.08	0.92	0.66	0.58	0.47	0.35	34.95	133.51	1483.14
6 ALANSARI	75.83	152.15	37.54	36.04	14.53	152.74	79.69	211.97	15.95	13.70	7.87	8.00	2.47	5.96	54.29	85.91	954.64
7 ALHAMDANEYEH	151.37	132.35	223.46	68.81	115.66	75.32	201.58	98.28	8.35	7.05	5.44	4.81	3.38	2.61	47.96	113.39	1259.84
8 NEW AREA	88.42	212.53	51.53	52.69	18.24	212.20	104.11	195.39	26.29	19.01	29.82	21.61	3.42	4.95	71.07	109.91	1231.21
9 ALBAB	9.03	12.18	4.55	5.45	1.61	15.88	8.80	26.15	50.40	8.70	1.02	0.75	0.41	0.69	8.10	14.28	168.01
10 SFERA	7.98	9.89	3.82	4.59	1.37	13.63	7.42	18.89	8.69	42.00	0.75	0.58	0.36	0.72	7.40	11.90	140.00
11 EPREEN	4.49	11.96	2.89	2.88	0.98	7.88	5.77	29.84	1.02	0.76	36.00	1.38	0.18	0.21	3.57	10.20	120.01
12 AEZAZ	3.89	15.34	2.46	2.26	0.87	8.07	5.13	21.75	0.76	0.59	1.38	32.40	0.14	0.18	3.59	9.18	108.00
13 TAL REFAET	4.74	2.79	2.10	4.63	0.69	2.44	3.52	3.37	0.41	0.36	0.17	0.14	13.20	0.11	1.58	3.74	44.00
14 DARET EZZA	3.31	3.51	1.36	1.47	0.52	5.92	2.75	4.91	0.69	0.72	0.20	0.18	0.12	13.20	1.41	3.74	44.00
15 ALL MANUAL	49.29	57.56	68.85	42.58	34.61	54.59	50.25	71.48	8.17	7.47	3.59	3.60	1.60	1.43	222.00	62.90	739.98
16 TS	162.93	113.39	153.25	94.43	133.51	85.91	113.39	109.91	14.28	11.90	10.20	9.18	3.74	3.74	62.90	0.00	1082.67
TOTAL	1810.30	1259.90	1702.80	1049.20	1483.50	954.60	1259.90	1221.20	168.00	140.00	120.00	108.00	44.00	44.00	740.00	1082.67	13188.07

S1-5-2 Traffic Matrix <unit:eri.> (Aleppo, 2005)

CENTER NAME	1.ALJA	2.ALSA	3.KANA	4.ALSO	5.SHANA	6.ALAN	7.ALHA	8.NEWA	9.ALBA	10.SFER	11.EFRE	12.AEZA	13.TALR	14.DARE	15.MANU	16.TS	TOTAL
1 ALJAMELEHA	291.71	151.82	410.07	177.86	216.19	71.54	163.30	94.64	9.02	7.89	4.22	3.53	4.54	3.11	49.62	164.09	1,823.16
2 ALSABELE	129.74	222.22	75.90	35.28	58.76	171.70	170.78	272.10	14.55	11.68	13.45	16.65	3.20	3.95	63.96	125.00	1,388.92
3 KAN-ALWAZEER	420.74	91.13	293.09	20.97	435.20	33.79	229.97	52.62	4.33	3.60	2.59	2.13	1.92	1.22	73.71	164.86	1,831.87
4	184.71	42.78	20.63	173.58	333.25	34.42	75.14	57.09	5.51	4.59	2.74	2.08	4.49	1.40	43.89	97.52	1,083.64
5 HANANOW	231.30	75.52	437.46	353.53	270.38	10.76	97.96	15.32	1.26	1.07	0.73	0.62	0.52	0.39	40.91	152.09	1,689.82
6 ALANSARI	71.43	158.49	37.77	34.27	16.06	157.55	82.47	230.53	16.09	13.67	7.52	7.43	2.37	5.66	54.79	88.62	984.71
7 ALHAMDANEYEH	153.78	148.70	242.48	70.57	137.90	77.79	220.16	115.29	9.09	7.59	5.61	4.82	3.49	2.68	52.20	123.84	1,375.99
8 NEW AREA	94.59	251.44	58.88	56.91	22.90	230.79	122.36	220.85	30.13	21.54	32.37	22.78	3.72	5.34	81.47	124.23	1,380.30
9 ALBAB	8.97	13.37	4.82	5.46	1.88	16.02	8.00	21.41	9.14	44.40	0.75	0.56	0.36	0.71	7.79	12.58	148.00
10 SFERA	4.22	12.43	2.90	2.74	1.09	7.53	5.96	32.38	1.03	0.75	37.20	1.27	0.17	0.20	3.60	10.54	124.00
11 EFREEN	3.55	15.49	2.40	2.09	0.94	7.49	5.15	22.93	0.75	0.57	1.28	32.40	0.13	0.17	3.51	9.18	108.00
12 AEZAZ	4.47	2.91	2.11	4.40	0.76	2.33	3.65	3.66	0.41	0.36	0.16	0.13	13.20	0.11	1.59	3.74	44.00
13 TAL REFAET	3.09	3.62	1.35	1.39	0.58	5.62	2.82	5.30	0.69	0.71	0.19	0.16	0.11	13.20	1.42	3.74	44.00
14 DARET EZZA	48.97	63.25	73.06	42.71	40.35	55.14	54.85	81.99	8.70	7.86	3.62	3.53	1.62	1.43	237.60	67.32	792.00
15 ALL MAMUAL	164.09	125.00	164.86	97.52	152.09	88.62	123.84	124.23	15.30	12.58	10.54	9.18	3.74	3.74	67.32	0.00	1,162.66
16 TS	1,823.20	1,388.90	1,831.80	1,083.60	1,689.90	984.70	1,376.00	1,380.30	1,80.00	148.00	124.00	108.00	44.00	44.00	792.00	1,162.66	14,161.06

S1-5-2 Traffic Matrix <unit:eri.> (Aleppo, 2010)

CENTER NAME	1.ALJA	2.ALSA	3.KANA	4.ALSO	5.SHANA	6.ALAN	7.ALHA	8.NEWA	9.ALBA	10.SFER	11.EFRE	12.AEZA	13.TALR	14.DARE	15.MANU	16.TS	TOTAL
1 ALJAMELEHA	293.78	154.99	407.06	166.44	233.28	67.34	165.47	101.51	8.91	7.72	3.96	3.22	4.67	3.18	49.29	165.25	1,836.06
2 ALSABELE	132.08	244.24	82.69	36.23	69.60	177.38	189.95	320.33	15.77	12.55	13.86	16.69	3.61	4.43	69.74	137.38	1,526.52
3 KAN-ALWAZEER	417.88	99.62	315.79	21.01	502.90	34.05	249.55	60.44	4.58	3.77	2.60	2.08	2.11	1.33	78.42	177.63	1,973.78
4 ALSOLYMANEYEH	173.31	44.18	20.72	178.88	363.78	32.77	77.03	61.95	5.51	4.55	2.60	1.92	4.67	1.45	44.11	100.62	1,118.05
5 HANANOW	250.20	89.92	506.47	385.84	305.47	11.81	115.77	19.17	1.46	1.22	0.80	0.66	0.62	0.46	47.40	171.83	1,909.10
6 ALANSARI	67.09	163.86	37.97	32.48	17.55	162.37	84.64	250.43	16.10	13.54	7.15	6.87	2.47	5.85	55.13	91.33	1,014.81
7 ALHAMDANEYEH	155.24	165.22	261.99	71.87	161.97	79.69	239.42	134.59	9.77	8.08	5.73	4.79	3.91	2.97	56.45	134.68	1,496.39
8 NEW AREA	101.26	296.27	67.47	61.46	28.52	250.72	143.11	249.74	34.35	24.33	35.07	24.01	4.42	6.29	93.41	140.48	1,560.90
9 ALBAB	8.84	14.50	5.08	5.43	2.15	16.03	10.33	34.16	57.60	9.51	1.02	0.72	0.46	0.75	9.10	16.32	192.00
10 SFERA	7.65	11.54	4.19	4.49	1.80	13.48	8.54	24.18	9.50	46.80	0.74	0.54	0.39	0.76	8.14	13.26	156.00
11 EFREEN	3.95	12.82	2.91	2.59	1.18	7.16	6.10	35.08	1.03	0.74	38.40	1.18	0.17	0.20	3.61	10.88	128.00
12 AEZAZ	3.24	15.54	2.34	1.92	0.99	6.92	5.13	24.17	0.72	0.55	1.18	32.40	0.13	0.17	3.43	9.18	108.00
13 TAL REFAET	4.58	3.28	2.32	4.56	0.91	2.43	4.09	4.34	0.45	0.39	0.17	0.13	14.40	0.12	1.75	4.08	48.00
14 DARET EZZA	3.14	4.06	1.48	1.43	0.68	5.81	3.14	6.24	0.75	0.76	0.20	0.16	0.12	14.40	1.55	4.08	48.00
15 ALL MAMUAL	48.59	69.08	77.59	42.75	46.59	55.52	59.47	94.09	9.19	8.23	3.64	3.45	1.78	1.78	254.40	72.08	848.00
16 TS	1,652.25	1,373.38	1,776.63	1,000.62	1,718.83	91.33	1,346.68	1,404.48	1,632.10	1,326.10	1,088.10	918.10	48.00	48.00	848.00	1,162.66	15,212.68
TOTAL	1,836.10	1,526.50	1,973.70	1,118.00	1,909.20	1,014.80	1,496.40	1,560.90	1,92.00	156.00	128.00	108.00	48.00	48.00	848.00	1,162.66	15,212.68

S1-5-2 Traffic Matrix <unit:erl.> (Manbeg, 1996)

CENTER NAME	1.MANB	2.JARA	3.EINA	4.MANU	5.TS	TOTAL
1 MANBEG	40.80	21.04	31.53	29.09	11.56	134.02
2 JARABLOS	21.47	14.40	4.24	4.20	4.08	48.39
3 EIN ALARAB	32.31	4.26	18.00	1.16	5.10	60.83
4 ALL MANUAL	29.86	4.21	1.13	16.80	4.76	56.76
5 TS	11.56	4.08	5.10	4.76	0.00	25.50
TOTAL	136.00	48.00	60.00	56.00	25.50	325.50

S1-5-2 Traffic Matrix <unit:erl.> (Manbeg, 2000)

CENTER NAME	1.MANB	2.JARA	3.EINA	4.MANU	5.TS	TOTAL
1 MANBEG	54.00	38.08	44.92	28.17	15.30	180.46
2 JARABLOS	37.98	44.40	31.77	21.35	12.58	148.09
3 EIN ALARAB	44.61	31.63	39.60	4.60	11.22	131.65
4 ALL MANUAL	28.11	21.32	4.49	26.40	7.48	87.79
5 TS	15.30	12.58	11.22	7.48	0.00	46.58
TOTAL	180.00	148.00	132.00	88.00	46.58	594.58

S1-5-2 Traffic Matrix <unit:erl.> (Manbeg, 2005)

CENTER NAME	1.MANB	2.JARA	3.EINA	4.MANU	5.TS	TOTAL
1 MANBEG	57.60	40.21	46.93	30.98	16.32	192.03
2 JARABLOS	40.19	51.60	38.42	27.18	14.62	172.01
3 EIN ALARAB	46.83	38.36	44.40	5.80	12.58	147.97
4 ALL MANUAL	31.06	27.21	5.67	31.20	8.84	103.98
5 TS	16.32	14.62	12.58	8.84	0.00	52.36
TOTAL	192.00	172.00	148.00	104.00	52.36	668.36

S1-5-2 Traffic Matrix <unit:erl.> (Manbeg, 2010)

CENTER NAME	1.MANB	2.JARA	3.EINA	4.MANU	5.TS	TOTAL
1 MANBEG	61.20	39.78	49.39	36.34	17.34	204.05
2 JARABLOS	39.77	57.60	43.81	34.54	16.32	192.04
3 EIN ALARAB	49.26	43.71	49.20	7.84	13.94	163.95
4 ALL MANUAL	36.44	34.58	7.67	38.40	10.88	127.96
5 TS	17.34	16.32	13.94	10.88	0.00	58.48
TOTAL	204.00	192.00	164.00	128.00	58.48	746.48

S1-5-2 Traffic Matrix <unit:erl.> (Rakkah, 1996)

CENTER NAME	1.RAKK	2.TALA	3.ALTH	4.MANU	5.TS	TOTAL
1 RAKKAH	202.16	37.96	42.33	30.16	43.97	356.58
2 TAL ABYATH	38.97	13.68	2.41	1.84	3.88	60.78
3 ALTHAOWRAH	40.81	2.26	19.38	0.35	5.49	68.29
4 ALL MANUAL	31.05	1.84	0.37	31.92	9.04	74.22
5 TS	43.97	3.88	5.49	9.04	0.00	62.38
TOTAL	356.96	59.62	69.98	73.31	62.38	622.25

S1-5-2 Traffic Matrix <unit:erl.> (Rakkah, 2000)

CENTER NAME	1.RAKK	2.TALA	3.ALTH	4.MANU	5.TS	TOTAL
1 RAKKAH	358.72	37.96	42.33	30.16	78.02	547.19
2 TAL ABYATH	38.97	22.80	2.41	1.84	6.46	72.48
3 ALTHAOWRAH	40.81	2.26	51.30	0.35	14.53	109.26
4 ALL MANUAL	31.05	1.84	0.37	69.54	19.70	122.50
5 TS	78.02	6.46	14.53	19.70	0.00	118.72
TOTAL	547.57	71.33	110.94	121.59	118.72	970.15

S1-5-2 Traffic Matrix <unit:erl.> (Rakkah, 2005)

CENTER NAME	1.RAKK	2.TALA	3.ALTH	4.MANU	5.TS	TOTAL
1 RAKKAH	380.00	37.96	42.33	30.16	82.65	573.10
2 TAL ABYATH	38.97	23.94	2.41	1.84	6.78	73.94
3 ALTHAOWRAH	40.81	2.26	57.00	0.35	16.15	116.57
4 ALL MANUAL	31.05	1.84	0.37	78.66	22.29	134.21
5 TS	82.65	6.78	16.15	22.29	0.00	127.87
TOTAL	573.48	72.79	118.26	133.29	127.87	1,025.69

S1-5-2 Traffic Matrix <unit:erl.> (Rakkah, 2010)

CENTER NAME	1.RAKK	2.TALA	3.ALTH	4.MANU	5.TS	TOTAL
1 RAKKAH	408.88	37.96	42.33	30.16	88.93	608.26
2 TAL ABYATH	38.97	26.22	2.41	1.84	7.43	76.87
3 ALTHAOWRAH	40.81	2.26	62.70	0.35	17.76	123.89
4 ALL MANUAL	31.05	1.84	0.37	83.22	23.58	140.06
5 TS	88.93	7.43	17.76	23.58	0.00	137.70
TOTAL	608.64	75.72	125.57	139.15	137.70	1,086.78

SI-5-2 Traffic Matrix <unit:eri.> (Idleb, 1996)

CENTER NAME	1.IDLE	2.JESS	3.HARE	4.ALDA	5.KOFE	6.ARIE	7.SELK	8.MAER	9.MISR	10.SRAK	11.KANSI	12.NOBC	13.BENSI	14.MANU	15.TS	TOTAL
1.IDLEB	185.44	43.82	14.41	18.00	17.42	15.75	21.40	24.29	11.82	11.61	6.59	2.44	14.16	36.10	40.33	463.60
2.JESSR-SHKOUR	38.33	63.84	0.93	1.24	1.65	13.17	7.80	24.34	6.64	6.00	7.32	4.01	3.47	15.97	18.09	212.80
3.HAREM	14.77	1.09	10.26	0.09	1.45	0.31	1.25	0.56	0.23	0.22	0.17	0.06	0.25	0.59	2.91	34.20
4.ALDANA	18.39	1.45	0.09	15.96	3.15	0.89	1.16	1.72	0.85	0.79	0.50	0.17	1.64	1.91	4.52	53.20
5.KOFER-TAKARIEM	18.39	2.04	1.44	3.36	13.68	0.22	1.20	0.37	0.16	0.15	0.11	0.04	0.15	0.42	3.88	45.60
6.ARIEHA	16.25	12.28	0.36	0.93	0.35	41.04	2.90	15.88	5.66	5.40	3.15	1.38	1.98	17.61	11.63	136.80
7.SELKIEN	21.64	7.12	1.41	1.19	1.84	2.84	26.22	4.91	1.98	1.85	1.45	0.55	1.81	5.15	7.43	87.40
8.MAERT ALNEAMAN	25.11	22.73	0.65	1.80	0.58	15.91	5.02	67.26	12.36	9.93	15.84	4.93	3.63	19.39	19.06	224.20
9.MAERT MISRIEN	12.15	6.17	0.27	0.88	0.24	5.64	2.01	12.29	38.76	21.52	2.55	0.81	2.08	12.83	10.98	129.20
10.SRAKEB	11.94	5.57	0.25	0.83	0.23	5.38	1.89	9.88	21.51	37.62	2.10	0.70	2.02	14.83	10.66	125.40
11.KAN SHEKHON	6.83	6.84	0.19	0.53	0.17	3.16	1.49	15.85	2.57	2.12	22.80	1.68	1.00	4.31	6.46	76.00
12.KOFER-NOBOEL	2.54	3.77	0.07	0.18	0.06	1.39	0.57	4.96	0.82	0.71	1.69	9.12	0.34	1.62	2.58	30.40
13.BENSH	14.42	3.20	0.28	1.70	0.23	1.96	1.82	3.58	2.06	2.01	0.98	0.33	18.24	4.82	5.17	60.80
14.ALL MANUAL	37.07	14.81	0.67	1.99	0.66	17.52	5.23	19.25	12.80	14.81	4.28	1.60	4.86	66.12	18.73	220.40
15.TS	40.33	18.09	2.91	4.52	3.88	11.63	7.43	19.06	10.98	10.66	6.46	2.58	5.17	18.73	0.00	162.43
TOTAL	463.60	212.80	34.20	53.20	45.60	136.80	87.40	224.20	129.20	125.40	76.00	30.40	60.80	220.40	162.43	2,062.43

SI-5-2 Traffic Matrix <unit:eri.> (Idleb, 2000)

CENTER NAME	1.IDLE	2.JESS	3.HARE	4.ALDA	5.KOFE	6.ARIE	7.SELK	8.MAER	9.MISR	10.SRAK	11.KANSI	12.NOBC	13.BENSI	14.MANU	15.TS	TOTAL
1.IDLEB	297.92	48.92	20.10	19.69	24.82	28.80	24.01	25.32	17.45	16.38	16.06	3.34	33.67	103.53	64.80	744.82
2.JESSR-SHKOUR	41.97	83.22	1.05	1.10	1.90	19.50	7.09	20.55	7.94	6.85	14.44	4.45	6.69	37.07	23.58	277.40
3.HAREM	20.70	1.26	14.82	0.10	2.14	0.58	1.45	0.60	0.36	0.32	0.42	0.09	0.61	1.74	4.20	49.40
4.ALDANA	20.15	1.31	0.10	19.38	3.64	1.32	1.05	1.45	1.01	0.91	0.99	0.19	3.17	4.44	5.49	64.60
5.KOFER-TAKARIEM	26.49	2.43	2.14	3.91	19.38	0.43	1.44	0.41	0.24	0.22	0.28	0.06	0.38	1.29	5.49	64.60
6.ARIEHA	29.35	18.30	0.66	1.36	0.66	90.06	4.35	22.11	11.16	10.17	10.25	2.52	6.29	67.44	25.52	300.20
7.SELKIEN	24.09	6.55	1.62	1.07	2.16	4.28	33.06	4.21	2.40	2.15	2.92	0.62	3.54	12.16	9.37	110.20
8.MAERT ALNEAMAN	25.84	19.30	0.69	1.50	0.63	22.14	4.29	88.92	13.89	10.66	29.34	5.14	6.57	42.30	25.19	296.40
9.MAERT MISRIEN	17.75	7.44	0.41	1.04	0.37	11.14	2.44	13.84	68.40	32.79	6.72	1.20	5.35	39.72	19.38	228.00
10.SRAKEB	16.66	6.41	0.36	0.93	0.34	10.15	2.18	10.62	32.78	66.12	5.28	0.99	4.97	43.87	18.73	220.40
11.KAN SHEKHON	16.40	13.58	0.48	1.03	0.42	10.27	2.97	29.37	6.75	5.31	57.00	4.09	4.21	21.98	16.15	190.00
12.KOFER-NOBOEL	3.42	4.19	0.10	0.19	0.09	2.53	0.64	5.16	1.21	0.99	4.10	13.68	0.80	4.62	3.88	45.60
13.BENSH	34.06	6.23	0.69	3.24	0.58	6.24	3.57	6.52	5.33	4.94	4.17	0.79	49.02	24.13	13.89	163.40
14.ALL MANUAL	105.20	34.69	1.97	4.57	1.96	67.24	12.32	42.12	39.69	43.84	21.87	4.59	24.24	197.22	55.88	657.39
15.TS	64.80	23.58	4.20	5.49	5.49	25.52	9.37	25.19	19.38	18.73	16.15	3.88	13.89	55.88	0.00	291.54
TOTAL	744.80	277.40	49.40	64.60	64.60	300.20	110.20	296.40	228.00	220.40	190.00	45.60	163.40	657.40	291.54	3,703.94

S1-5-2 Traffic Matrix <unit:eri.> (Idleb, 2005)

CENTER NAME	1.IDLE	2.JESS	3.HARE	4.ALDA	5.KOFE	6.ARIE	7.SELK	8.MAER	9.MISR	10.SRAK	11.KANS	12.NOBC	13.BENS	14.MANU	15.TS	TOTAL
1 IDLEB	316.16	49.90	19.96	19.37	26.38	30.88	24.43	25.57	18.16	17.03	17.53	3.29	36.93	116.06	68.76	790.40
2 JESSR-SHKOUR	42.73	86.64	1.02	1.06	1.99	20.52	7.08	20.36	8.11	6.99	15.47	4.39	7.20	40.79	24.55	288.80
3 HAREM	20.56	1.23	14.82	0.09	2.18	0.60	1.41	0.58	0.36	0.32	0.44	0.08	0.64	1.87	4.20	49.40
4 ALDANA	19.83	1.27	0.09	19.38	3.67	1.34	1.01	1.39	1.00	0.90	1.03	0.17	3.29	4.72	5.49	64.60
5 KOFER-TAKARIEM	28.20	2.55	2.18	3.95	20.52	0.48	1.50	0.42	0.26	0.24	0.31	0.06	0.43	1.48	5.81	68.40
6 ARIEHA	31.43	19.28	0.68	1.38	0.72	99.18	4.57	23.05	11.99	10.92	11.55	2.56	7.12	78.06	28.10	330.60
7 SELKIEN	24.49	6.55	1.58	1.03	2.25	4.50	34.20	4.17	2.45	2.19	3.12	0.60	3.80	13.37	9.69	114.00
8 MAERT ALNEAMAN	26.06	19.15	0.66	1.44	0.65	23.08	4.24	92.34	14.06	10.77	31.14	4.91	7.01	46.11	26.16	307.80
9 MAERT MISRIEN	18.45	7.60	0.41	1.03	0.40	11.97	2.48	14.01	72.96	34.15	7.35	1.19	5.89	44.63	20.67	243.20
10 SRAKEB	17.29	6.55	0.36	0.92	0.36	10.89	2.22	10.74	34.14	70.68	5.77	0.97	5.45	49.22	20.03	235.60
11 KAN SHEKHON	17.88	14.56	0.50	1.06	0.47	11.57	3.17	31.16	7.38	5.79	62.70	4.22	4.86	25.90	17.76	209.00
12 KOFER-NOBOEL	3.36	4.05	0.09	0.18	0.09	2.57	0.61	4.93	1.20	0.98	4.24	13.68	0.83	4.91	3.88	45.60
13 BENS	37.34	6.72	0.72	3.37	0.65	7.08	3.83	6.96	5.86	5.43	4.81	0.82	54.72	28.59	15.50	182.40
14 ALL MANUAL	117.83	38.21	2.11	4.85	2.25	77.85	13.54	45.93	44.60	49.20	25.77	4.87	28.71	222.30	62.98	741.00
15 TS	68.76	24.55	4.20	5.49	5.81	28.10	9.69	26.16	20.67	20.03	17.76	3.88	15.50	62.98	0.00	313.60
TOTAL	790.40	288.80	49.40	64.60	68.40	330.60	114.00	307.80	243.20	235.60	209.00	45.60	182.40	741.00	313.60	3,984.40

S1-5-2 Traffic Matrix <unit:eri.> (Idleb, 2010)

CENTER NAME	1.IDLE	2.JESS	3.HARE	4.ALDA	5.KOFE	6.ARIE	7.SELK	8.MAER	9.MISR	10.SRAK	11.KANS	12.NOBC	13.BENS	14.MANU	15.TS	TOTAL
1 IDLEB	337.44	51.19	21.45	20.34	27.81	33.28	25.00	26.33	19.30	18.11	19.39	3.53	40.39	126.66	73.39	843.61
2 JESSR-SHKOUR	43.76	90.06	1.07	1.09	2.04	21.52	7.04	20.40	8.38	7.23	16.64	4.48	7.66	43.31	25.52	300.20
3 HAREM	22.11	1.29	15.96	0.10	2.35	0.66	1.48	0.61	0.39	0.35	0.50	0.09	0.72	2.08	4.52	53.20
4 ALDANA	20.83	1.30	0.10	20.52	3.86	1.44	1.04	1.43	1.06	0.95	1.13	0.19	3.59	5.14	5.81	68.40
5 KOFER-TAKARIEM	29.76	2.62	2.35	4.15	21.66	0.51	1.54	0.44	0.28	0.25	0.34	0.06	0.47	1.62	6.14	72.20
6 ARIEHA	33.84	20.22	0.75	1.48	0.78	108.30	4.78	24.28	13.03	11.88	13.07	2.81	7.97	87.13	30.68	361.00
7 SELKIEN	25.05	6.52	1.65	1.05	2.31	4.71	35.34	4.17	2.53	2.27	3.35	0.63	4.04	14.17	10.01	117.80
8 MAERT ALNEAMAN	26.81	19.19	0.70	1.47	0.67	24.31	4.24	96.90	14.59	11.20	33.66	5.16	7.49	49.16	27.45	323.00
9 MAERT MISRIEN	19.59	7.87	0.44	1.09	0.42	13.01	2.56	14.55	78.66	36.63	8.20	1.29	6.49	49.12	22.29	262.20
10 SRAKEB	18.38	6.78	0.39	0.98	0.38	11.85	2.30	11.16	36.62	76.38	6.44	1.05	6.02	54.23	21.64	254.60
11 KAN SHEKHON	19.76	15.67	0.57	1.17	0.52	13.09	3.41	33.68	8.23	6.47	69.54	4.76	5.57	29.66	19.70	231.80
12 KOFER-NOBOEL	3.61	4.23	0.10	0.19	0.10	2.82	0.64	5.17	1.29	1.06	4.77	14.82	0.92	5.46	4.20	49.40
13 BENS	40.81	7.15	0.81	3.67	0.71	7.92	4.07	7.43	6.46	5.99	5.53	0.91	60.42	32.38	17.12	201.40
14 ALL MANUAL	128.47	40.59	2.35	5.28	2.46	86.90	14.35	48.98	49.08	54.20	29.53	5.42	32.51	243.96	69.12	813.19
15 TS	73.39	25.52	4.52	5.81	6.14	30.68	10.01	27.45	22.29	21.64	19.70	4.20	17.12	69.12	0.00	337.61
TOTAL	843.60	300.20	53.20	68.40	72.20	361.00	117.80	323.00	262.20	254.60	231.80	49.40	201.40	813.20	337.61	4,289.61

S1-5-2 Traffic Matrix <unit:erl.> (Tartous, 1996)

CENTER NAME	1.TART	2.BANY	3.SAFE	4.DREA	5.SHEA	6.ERWA	7.MASH	8.MANU	9.TS	TOTAL
1 TARTOUS	332.80	102.88	146.85	37.10	38.25	7.88	34.94	64.97	72.38	838.06
2 BANYAS	111.59	68.40	0.15	0.01	0.00	1.00	8.27	17.18	19.38	225.98
3 SAFETTA	158.94	0.15	87.60	0.02	0.00	1.16	5.35	11.02	24.82	289.07
4 DREAKESH	16.34	0.00	0.01	26.40	0.00	0.39	8.00	29.17	7.48	87.80
5 SHEAKBADOE	28.13	0.00	0.00	0.00	20.40	0.84	4.26	8.09	5.78	67.51
6 ERWAD	6.21	0.71	0.83	0.69	0.89	6.00	1.44	1.48	1.70	19.95
7 MASHTA	36.23	11.62	10.17	3.43	0.91	0.50	43.20	25.54	12.24	143.83
8 ALL MANUAL	69.37	24.85	21.57	12.88	1.77	0.53	26.29	76.80	21.76	255.81
9 TS	72.38	19.38	24.82	7.48	5.78	1.70	12.24	21.76	0.00	165.54
TOTAL	832.00	228.00	292.00	88.00	68.00	20.00	144.00	256.00	165.54	2,093.54

S1-5-2 Traffic Matrix <unit:erl.> (Tartous, 2000)

CENTER NAME	1.TART	2.BANY	3.SAFE	4.DREA	5.SHEA	6.ERWA	7.MASH	8.MANU	9.TS	TOTAL
1 TARTOUS	632.00	181.57	235.68	49.48	41.22	11.20	50.76	231.63	137.46	1,570.99
2 BANYAS	199.76	117.60	0.14	0.00	0.00	0.83	7.06	35.97	33.32	394.69
3 SAFETTA	260.28	0.14	138.00	0.01	0.00	0.88	4.18	21.12	39.10	463.72
4 DREAKESH	21.39	0.00	0.01	34.80	0.00	0.24	4.99	44.67	9.86	115.96
5 SHEAKBADOE	31.39	0.00	0.00	0.00	21.60	0.44	2.27	10.56	6.12	72.38
6 ERWAD	9.14	0.61	0.64	0.44	0.46	7.20	1.01	2.54	2.04	24.08
7 MASHTA	51.17	9.51	7.56	2.12	0.45	0.33	55.20	42.20	15.64	184.18
8 ALL MANUAL	237.40	49.24	38.87	19.28	2.14	0.84	42.89	189.60	53.72	633.99
9 TS	137.46	33.32	39.10	9.86	6.12	2.04	15.64	53.72	0.00	297.26
TOTAL	1,580.00	392.00	460.00	116.00	72.00	24.00	184.00	632.00	297.26	3,757.26

SI-5-2 Traffic Matrix <unit:erl.> (Tartous, 2005)

CENTER NAME	1.TART	2.BANY	3.SAFE	4.DREA	5.SHEA	6.ERWA	7.MASH	8.MANU	9.TS	TOTAL
1 TARTOUS	680.00	194.58	250.07	51.10	41.27	11.36	52.22	270.70	147.90	1,699.19
2 BANYAS	211.44	126.00	0.14	0.00	0.00	0.79	6.80	39.35	35.70	420.23
3 SAFETTA	272.62	0.14	146.40	0.01	0.00	0.83	3.98	22.86	41.48	488.32
4 DREAKESH	21.83	0.00	0.01	36.00	0.00	0.22	4.64	47.11	10.20	119.99
5 SHEAKBADOE	31.07	0.00	0.00	0.00	21.60	0.39	2.04	10.80	6.12	72.03
6 ERWAD	9.20	0.58	0.61	0.41	0.41	7.20	0.93	2.64	2.04	24.01
7 MASHTA	52.13	9.18	7.23	1.97	0.41	0.30	56.40	44.42	15.98	188.01
8 ALL MANUAL	273.82	53.82	42.06	20.31	2.19	0.87	45.01	213.60	60.52	712.21
9 TS	147.90	35.70	41.48	10.20	6.12	2.04	15.98	60.52	0.00	319.94
TOTAL	1,700.00	420.00	488.00	120.00	72.00	24.00	188.00	712.00	319.94	4,043.94

SI-5-2 Traffic Matrix <unit:erl.> (Tartous, 2010)

CENTER NAME	1.TART	2.BANY	3.SAFE	4.DREA	5.SHEA	6.ERWA	7.MASH	8.MANU	9.TS	TOTAL
1 TARTOUS	736.00	210.33	267.28	53.05	41.35	11.49	55.20	304.28	160.08	1,839.06
2 BANYAS	228.19	135.60	0.15	0.00	0.00	0.76	6.87	42.27	38.42	452.27
3 SAFETTA	290.96	0.15	156.00	0.01	0.00	0.79	3.98	24.28	44.20	520.37
4 DREAKESH	22.72	0.00	0.00	37.20	0.00	0.20	4.52	48.81	10.54	123.99
5 SHEAKBADOE	31.23	0.00	0.00	0.00	21.60	0.35	1.92	10.81	6.12	72.03
6 ERWAD	9.33	0.56	0.58	0.38	0.37	7.20	0.88	2.67	2.04	24.01
7 MASHTA	54.92	9.26	7.21	1.91	0.38	0.28	58.80	46.59	16.66	196.02
8 ALL MANUAL	306.57	57.68	44.58	20.91	2.17	0.87	47.18	234.00	66.30	780.26
9 TS	160.08	38.42	44.20	10.54	6.12	2.04	16.66	66.30	0.00	344.36
TOTAL	1,840.00	452.00	520.00	124.00	72.00	24.00	196.00	780.00	344.36	4,352.36

S1-5-2 Traffic Matrix <unit:erl.> (Lattakia, 1996)

CENTER NAME	1.LATT	2.TESH	3.AZRA	4.RAEE	5.ALHA	6.SLON	7.KERD	8.KASA	9.JABL	10.ALDA	11.BEAT	12.MANU	13.TS	TOTAL
1 LATTAKIA	368.00	196.54	26.07	7.80	36.97	14.51	31.28	14.79	113.06	18.44	1.14	13.29	80.04	921.92
2 TESHREEN	228.68	280.00	0.05	0.00	0.00	3.47	14.01	7.40	52.34	17.62	2.44	31.50	60.90	698.41
3 AL SHATEA AL AZRA	28.35	0.05	18.00	0.00	0.00	0.35	0.79	0.41	2.88	2.01	0.13	1.75	5.10	59.81
4 RAEES AL BASEET	3.04	0.00	0.00	6.00	0.00	0.12	1.23	1.14	6.13	0.50	0.01	0.11	1.70	19.99
5 ALHAFEH	19.73	0.00	0.00	0.00	24.00	1.01	2.47	1.19	18.48	2.19	0.40	3.59	6.80	79.87
6 SLONFEH	9.84	1.99	0.22	0.21	1.26	12.00	1.89	0.49	3.98	1.01	0.53	3.13	3.40	39.95
7 KERDAHA	25.53	14.44	1.17	0.47	0.57	0.60	104.40	3.78	56.56	4.82	30.35	75.15	29.58	347.42
8 KASAB	12.40	7.83	0.63	0.45	0.28	0.16	3.88	25.20	14.80	1.84	1.01	8.32	7.14	83.95
9 JABLEH	105.96	61.94	4.92	2.69	4.89	1.45	64.95	16.55	144.00	10.12	6.39	15.31	40.80	479.97
10 ALDALEAH	16.76	15.20	1.83	0.62	2.49	1.12	6.12	2.34	11.49	28.80	0.26	0.87	8.16	96.06
11 BEAT YASHOT	2.04	5.21	0.16	0.01	0.32	0.31	28.63	0.46	5.18	0.13	21.60	1.96	6.12	72.14
12 ALL MANUAL	19.63	55.89	1.85	0.05	2.41	1.50	58.76	3.11	10.29	0.36	1.63	75.60	21.42	252.52
13 TS	80.04	60.90	5.10	1.70	6.80	3.40	29.58	7.14	40.80	8.16	6.12	21.42	0.00	271.16
TOTAL	920.00	700.00	60.00	20.00	80.00	40.00	348.00	84.00	480.00	96.00	72.00	252.00	271.16	3,423.16

S1-5-2 Traffic Matrix <unit:erl.> (Lattakia, 2000)

CENTER NAME	1.LATT	2.TESH	3.AZRA	4.RAEE	5.ALHA	6.SLON	7.KERD	8.KASA	9.JABL	10.ALDA	11.BEAT	12.MANU	13.TS	TOTAL
1 LATTAKIA	713.60	420.56	27.31	10.05	51.84	21.74	46.11	19.56	249.46	28.91	2.30	36.02	155.21	1,782.66
2 TESHREEN	484.63	571.20	0.05	0.00	0.00	4.82	19.12	9.05	106.88	25.57	4.53	79.04	124.24	1,429.14
3 AL SHATEA AL AZRA	29.35	0.05	18.00	0.00	0.00	0.24	0.53	0.25	2.87	1.42	0.11	2.15	5.10	60.07
4 RAEES AL BASEET	4.09	0.00	0.00	7.20	0.00	0.11	1.07	0.89	7.96	0.46	0.01	0.18	2.04	24.00
5 ALHAFEH	28.16	0.00	0.00	0.00	32.40	0.94	2.27	0.98	25.42	2.13	0.50	6.07	9.18	108.06
6 SLONFEH	14.82	2.80	0.15	0.18	1.16	16.80	1.83	0.43	5.78	1.04	0.70	5.58	4.76	56.03
7 KERDAHA	34.89	18.44	0.73	0.36	0.48	0.54	144.00	2.98	74.50	4.51	36.43	121.60	40.80	480.27
8 KASAB	15.47	9.13	0.36	0.31	0.22	0.13	3.12	30.00	17.80	1.57	1.11	12.29	8.50	100.02
9 JABLEH	226.19	123.57	4.80	3.23	6.39	2.03	89.27	20.40	264.00	14.79	11.98	38.69	74.80	880.15
10 ALDALEAH	26.14	22.16	1.31	0.54	2.38	1.14	6.15	2.11	17.28	39.60	0.35	1.60	11.22	131.98
11 BEAT YASHOT	3.74	8.94	0.13	0.01	0.36	0.37	33.82	0.48	9.16	0.16	30.00	4.27	8.50	99.95
12 ALL MANUAL	47.71	126.91	2.06	0.07	3.59	2.39	91.92	4.36	24.10	0.60	3.47	150.00	42.50	499.68
13 TS	155.21	124.24	5.10	2.04	9.18	4.76	40.80	8.50	74.80	11.22	8.50	42.50	0.00	486.84
TOTAL	1,784.00	1,428.00	60.00	24.00	108.00	56.00	480.00	100.00	880.00	132.00	100.00	500.00	486.84	6,138.84

S1-5-2 Traffic Matrix <unit:eri.> (Lattakia, 2005)

CENTER NAME	1.LATT	2.TESH	3.AZRA	4.RAEE	5.ALHA	6.SLON	7.KERD	8.KASA	9.JABL	10.ALDA	11.BEAT	12.MANU	13.TS	TOTAL
1 LATTAKIA	769.60	454.27	27.42	10.16	55.81	23.43	48.09	19.84	272.16	30.41	2.61	42.51	167.39	1,923.71
2 TESHREEN	523.12	617.60	0.05	0.00	0.00	5.06	19.43	8.95	113.61	26.21	5.02	90.88	134.33	1,544.25
3 AL SHATEA AL AZRA	29.34	0.04	18.00	0.00	0.00	0.23	0.49	0.23	2.83	1.35	0.12	2.29	5.10	60.01
4 RAEES AL BASEET	4.16	0.00	0.00	7.20	0.00	0.11	1.02	0.83	7.98	0.45	0.01	0.19	2.04	24.00
5 ALHAFEH	30.37	0.00	0.00	0.00	34.80	0.99	2.30	0.97	27.00	2.19	0.56	6.97	9.86	116.01
6 SLONFEH	15.89	2.93	0.14	0.17	1.21	18.00	1.85	0.42	6.10	1.06	0.77	6.37	5.10	60.01
7 KERDAHA	35.81	18.45	0.68	0.34	0.48	0.54	151.20	2.80	75.28	4.39	38.33	132.92	42.84	504.06
8 KASAB	15.47	8.90	0.33	0.29	0.21	0.13	2.94	30.00	17.53	1.49	1.14	13.09	8.50	100.00
9 JABLEH	245.62	130.82	4.73	3.20	6.75	2.14	91.26	20.28	282.00	15.25	13.33	44.75	79.90	940.04
10 ALDALEAH	27.45	22.68	1.24	0.52	2.43	1.16	6.08	2.03	17.86	40.80	0.38	1.79	11.56	136.00
11 BEAT YASHOT	4.19	9.76	0.14	0.01	0.40	0.40	35.66	0.50	10.10	0.17	32.40	5.09	9.18	107.99
12 ALL MANUAL	55.60	144.19	2.17	0.08	4.06	2.71	100.84	4.66	27.65	0.67	4.15	169.20	47.94	563.93
13 TS	167.39	134.33	5.10	2.04	9.86	5.10	42.84	8.50	79.90	11.56	9.18	47.94	0.00	523.74
TOTAL	1,924.00	1,544.00	60.00	24.00	116.00	60.00	504.00	100.00	940.00	136.00	108.00	564.00	523.74	6,603.74

S1-5-2 Traffic Matrix <unit:eri.> (Lattakia, 2010)

CENTER NAME	1.LATT	2.TESH	3.AZRA	4.RAEE	5.ALHA	6.SLON	7.KERD	8.KASA	9.JABL	10.ALDA	11.BEAT	12.MANU	13.TS	TOTAL
1 LATTAKIA	835.20	498.93	27.53	10.20	57.93	25.15	51.09	20.81	298.09	32.46	2.78	46.12	181.66	2,087.93
2 TESHREEN	572.83	673.60	0.05	0.00	0.00	5.41	20.59	9.36	124.13	27.91	5.32	98.35	146.51	1,684.06
3 AL SHATEA AL AZRA	29.41	0.05	18.00	0.00	0.00	0.23	0.48	0.22	2.83	1.32	0.11	2.27	5.10	60.00
4 RAEES AL BASEET	4.19	0.00	0.00	7.20	0.00	0.11	1.00	0.80	8.02	0.44	0.01	0.19	2.04	24.00
5 ALHAFEH	31.58	0.00	0.00	0.00	36.00	1.00	2.32	0.96	28.00	2.21	0.56	7.17	10.20	120.00
6 SLONFEH	17.09	3.15	0.14	0.17	1.23	19.20	1.92	0.43	6.55	1.11	0.80	6.77	5.44	64.00
7 KERDAHA	37.91	19.55	0.66	0.33	0.48	0.55	158.40	2.84	79.52	4.52	39.31	139.07	44.88	528.01
8 KASAB	16.20	9.33	0.31	0.27	0.21	0.13	2.98	31.20	18.31	1.52	1.15	13.55	8.84	104.00
9 JABLEH	268.36	143.01	4.72	3.20	6.97	2.29	96.49	21.18	304.80	16.20	14.11	48.32	86.36	1,016.01
10 ALDALEAH	29.30	24.22	1.21	0.51	2.45	1.21	6.28	2.07	19.02	43.20	0.39	1.89	12.24	144.00
11 BEAT YASHOT	4.43	10.33	0.13	0.01	0.40	0.42	36.50	0.50	10.66	0.18	33.60	5.32	9.52	112.00
12 ALL MANUAL	59.86	155.33	2.14	0.08	4.14	2.85	105.07	4.79	29.71	0.70	4.33	180.00	51.00	599.99
13 TS	181.66	146.51	5.10	2.04	10.20	5.44	44.88	8.84	86.36	12.24	9.52	51.00	0.00	563.78
TOTAL	2,088.00	1,684.00	60.00	24.00	120.00	64.00	528.00	104.00	1,016.00	144.00	112.00	600.00	563.78	7,107.78

S1-5-2 Traffic Matrix <unit:erl.> (Hama, 1996)

CENTER NAME	1.HAMA	2.SALA	3.MESY	4.MHAR	5.SKEL	6.KAMH	TALS	8.SORR	9.MANU	10.TS	TOTAL
1.HAMA	433.60	111.17	82.36	78.15	88.84	20.20	21.42	12.98	135.27	94.31	1,078.29
2.SALAMMEH	119.94	63.60	0.02	0.00	0.00	0.69	1.36	0.92	8.89	18.02	213.44
3.MESYAF	88.01	0.02	44.40	0.01	0.00	0.41	0.45	0.30	2.89	12.58	149.08
4.MHARDEH	51.23	0.00	0.00	45.60	0.00	0.78	3.84	4.56	33.49	12.92	152.43
5.SKELBEYEH	71.10	0.00	0.00	0.00	46.80	1.37	1.65	1.02	21.56	13.26	156.75
6.KAMHANEH	18.09	0.56	0.34	1.05	1.50	12.00	0.64	0.21	2.37	3.40	40.17
7.TAL.SALHAB	25.29	2.19	0.99	1.26	0.37	0.22	24.00	0.89	18.14	6.80	80.15
8.SORRAN	15.97	1.54	0.70	1.56	0.24	0.08	0.93	13.20	6.17	3.74	44.11
9.ALL MANUAL	166.47	14.89	6.61	11.45	5.00	0.86	18.91	6.17	111.60	31.62	373.57
10.TS	94.31	18.02	12.58	12.92	13.26	3.40	6.80	3.74	31.62	0.00	196.65
TOTAL	1,084.00	212.00	148.00	152.00	156.00	40.00	80.00	44.00	372.00	196.65	2,484.65

S1-5-2 Traffic Matrix <unit:erl.> (Hama, 2000)

CENTER NAME	1.HAMA	2.SALA	3.MESY	4.MHAR	5.SKEL	6.KAMH	TALS	8.SORR	9.MANU	10.TS	TOTAL
1.HAMA	780.80	272.50	101.83	132.95	116.78	21.35	17.97	15.79	330.20	169.82	1,959.99
2.SALAMMEH	295.37	168.00	0.05	0.01	0.00	1.35	2.13	2.09	40.50	47.60	557.12
3.MESYAF	109.15	0.05	57.60	0.01	0.00	0.41	0.36	0.35	6.64	16.32	190.89
4.MHARDEH	73.09	0.00	0.00	84.00	0.00	0.89	3.49	6.00	38.45	23.80	279.74
5.SKELBEYEH	80.89	0.00	0.00	0.00	63.60	1.25	1.19	1.07	45.39	18.02	211.41
6.KAMHANEH	17.85	1.03	0.31	1.34	1.48	13.20	0.40	0.20	4.33	3.74	43.88
7.TAL.SALHAB	20.47	3.29	0.75	1.32	0.30	0.15	26.40	0.66	27.17	7.48	87.99
8.SORRAN	18.56	3.33	0.76	2.34	0.27	0.07	0.69	19.20	13.28	5.44	63.94
9.ALL MANUAL	385.99	64.18	14.36	34.24	11.55	1.60	27.89	13.20	271.20	76.84	901.05
10.TS	169.82	47.60	16.32	23.80	18.02	3.74	7.48	5.44	76.84	0.00	369.06
TOTAL	1,952.00	560.00	192.00	280.00	212.00	44.00	88.00	64.00	904.00	369.06	4,665.06

S1-5-2 Traffic Matrix <unit:erl.> (Hama, 2005)

CENTER NAME	1.HAMA	2.SALA	3.MESY	4.MHAR	5.SKEL	6.KAMH	TALS	8.SORR	9.MANU	10.TS	TOTAL
1 HAMA	833.60	293.14	104.54	139.10	119.89	21.00	16.77	14.98	361.53	181.31	2,085.85
2 SALAMMEH	322.55	184.80	0.06	0.01	0.00	1.49	2.23	2.22	49.60	52.36	615.31
3 MESYAF	113.78	0.06	60.00	0.01	0.00	0.43	0.36	0.35	7.76	17.00	199.74
4 MHARDEH	73.93	0.01	0.00	90.00	0.00	0.91	3.37	5.90	100.33	25.50	299.95
5 SKELBEYEH	80.86	0.00	0.00	0.00	66.00	1.25	1.14	1.04	50.88	18.70	219.88
6 KAMHANEH	17.40	1.10	0.32	1.40	1.52	13.20	0.38	0.18	4.73	3.74	43.97
7 TAL SALHAB	19.14	3.39	0.74	1.32	0.29	0.14	26.40	0.60	28.50	7.48	88.00
8 SORRAN	17.63	3.49	0.76	2.38	0.27	0.07	0.62	19.20	14.14	5.44	63.99
9 ALL MANUAL	423.81	77.64	16.58	40.29	13.33	1.77	29.26	14.08	301.20	85.34	1,003.30
10 TS	181.31	52.36	17.00	25.50	18.70	3.74	7.48	5.44	85.34	0.00	396.87
TOTAL	2,084.00	616.00	200.00	300.00	220.00	44.00	88.00	64.00	1,004.00	396.87	5,016.87

S1-5-2 Traffic Matrix <unit:erl.> (Hama, 2010)

CENTER NAME	1.HAMA	2.SALA	3.MESY	4.MHAR	5.SKEL	6.KAMH	TALS	8.SORR	9.MANU	10.TS	TOTAL
1 HAMA	896.00	319.80	108.30	149.30	126.11	20.92	16.45	15.69	393.02	194.88	2,240.49
2 SALAMMEH	353.11	202.80	0.07	0.01	0.00	1.54	2.27	2.42	56.13	57.46	675.81
3 MESYAF	116.30	0.06	62.40	0.01	0.00	0.42	0.35	0.37	8.34	17.68	207.93
4 MHARDEH	78.55	0.01	0.00	97.20	0.00	0.92	3.34	6.25	110.19	27.54	323.99
5 SKELBEYEH	84.35	0.00	0.00	0.00	69.60	1.24	1.11	1.08	54.87	19.72	231.97
6 KAMHANEH	17.29	1.14	0.31	1.41	1.51	13.20	0.35	0.18	4.86	3.74	43.99
7 TAL SALHAB	18.76	3.45	0.72	1.32	0.29	0.13	26.40	0.59	28.87	7.48	88.00
8 SORRAN	18.45	3.79	0.78	2.54	0.29	0.07	0.61	20.40	15.30	5.78	68.00
9 ALL MANUAL	460.32	87.48	17.74	44.66	14.48	1.82	29.65	15.24	327.60	92.82	1,091.81
10 TS	194.88	57.46	17.68	27.54	19.72	3.74	7.48	5.78	92.82	0.00	427.10
TOTAL	2,240.00	676.00	208.00	324.00	232.00	44.00	88.00	68.00	1,092.00	427.10	5,399.10

S1-5-2 Traffic Matrix <unit:ri.> (Homs, 1996)

CENTER NAME	1.ALKW	2.ALMA	3.ALWA	4.KOSS	5.TALK	6.ALRA	7.ALMK	8.ALKA	9.SHEE	10.TALB	11.TALD	12.ALNA	13.KATT	14.ALSO	15.TADM	16.MANU	17.TS	TOTAL
1.ALKWATLI	377.60	172.65	130.40	35.22	49.79	31.06	4.47	4.97	2.68	7.17	3.68	16.85	3.64	2.39	0.00	24.43	82.13	949.12
2.ALMAHTTA	196.93	286.40	1.10	0.04	0.02	31.96	8.60	10.68	5.33	12.36	6.96	33.69	10.01	5.79	0.00	39.86	62.29	712.02
3.ALWAER	152.83	1.13	174.40	0.08	0.01	20.22	3.03	3.73	1.83	4.64	2.43	11.67	3.31	2.21	0.00	13.77	37.93	433.22
4.KOSSER	13.35	0.01	0.03	36.00	0.00	5.77	3.85	8.40	3.19	2.83	2.91	20.98	2.32	1.04	0.00	8.61	10.20	119.49
5.TALKALAKH	27.29	0.02	0.00	0.00	39.60	14.87	2.43	2.76	3.02	1.19	1.79	22.52	0.61	0.33	0.00	3.62	11.22	131.29
6.ALRASTAN	23.31	20.70	12.75	11.25	20.05	55.20	3.19	1.95	1.12	3.76	1.92	7.85	0.60	0.44	0.00	4.76	15.94	184.47
7.ALMKARAM	4.72	11.71	5.42	1.96	0.71	1.19	21.60	1.17	1.24	1.05	2.58	9.52	0.31	0.19	0.00	2.62	6.12	72.12
8.ALKAREYTEN	5.29	14.65	6.73	4.29	0.81	0.73	1.18	21.60	0.75	0.87	0.78	5.52	0.54	0.31	0.00	2.08	6.12	72.24
9.SHEEN	2.94	7.54	3.41	1.68	0.91	0.43	1.28	0.77	18.00	0.50	1.16	14.34	0.21	0.12	0.00	1.65	5.10	60.04
10.TALBESEH	6.91	15.35	7.57	1.31	0.32	1.27	0.96	0.78	0.44	20.40	0.71	2.89	0.32	0.26	0.00	2.92	5.78	68.19
11.TALDO	3.81	9.30	4.27	1.45	0.51	0.70	2.53	0.76	1.09	0.77	16.80	6.50	0.23	0.14	0.00	2.47	4.76	56.09
12.ALNASRA	18.78	48.36	22.01	11.23	6.90	3.08	10.03	5.78	14.56	3.34	6.98	79.20	1.39	0.79	0.00	9.94	22.44	264.82
13.KATTENE	3.27	11.57	5.02	1.00	0.15	0.19	0.26	0.45	0.17	0.30	0.20	1.12	12.00	0.22	0.00	0.85	3.40	40.19
14.ALSOONEH	2.11	6.58	3.30	0.44	0.08	0.14	0.16	0.26	0.09	0.23	0.12	0.63	0.22	0.20	0.00	0.50	2.04	24.10
15.TADMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.40	0.00	81.60	136.00
16.ALL.MANUAL	22.72	47.74	21.66	3.85	0.93	1.56	2.30	1.81	1.39	2.81	2.21	8.29	0.88	0.53	0.00	57.60	16.32	192.61
17.TS	82.13	62.29	37.93	10.20	11.22	15.64	6.12	6.12	5.10	5.78	4.76	22.44	3.40	2.04	81.60	16.32	0.00	373.09
TOTAL	944.00	716.00	436.00	120.00	132.00	184.00	72.00	72.00	60.00	68.00	56.00	264.00	40.00	24.00	136.00	192.00	373.09	3,889.09

S1-5-2 Traffic Matrix <unit:ri.> (Homs, 2000)

CENTER NAME	1.ALKW	2.ALMA	3.ALWA	4.KOSS	5.TALK	6.ALRA	7.ALMK	8.ALKA	9.SHEE	10.TALB	11.TALD	12.ALNA	13.KATT	14.ALSO	15.TADM	16.MANU	17.TS	TOTAL
1.ALKWATLI	617.60	253.83	376.21	44.60	63.08	21.51	4.30	3.24	2.11	5.15	2.56	8.49	2.15	2.17	0.00	29.16	134.33	1,572.50
2.ALMAHTTA	264.39	491.20	8.11	0.14	0.06	56.68	21.21	17.82	10.77	22.75	12.42	43.48	15.15	13.49	0.00	121.87	106.84	1,206.36
3.ALWAER	416.91	8.70	564.80	0.52	0.09	72.88	15.19	12.66	7.53	17.36	8.81	30.60	10.16	10.46	0.00	85.51	122.84	1,385.02
4.KOSSER	14.04	0.04	0.15	50.40	0.00	8.02	7.44	10.98	5.05	4.08	4.07	21.22	2.75	1.89	0.00	20.63	14.28	165.03
5.TALKALAKH	31.58	0.06	0.03	0.00	55.20	22.74	5.18	3.98	5.26	1.89	2.75	25.05	0.80	0.66	0.00	9.55	15.64	180.36
6.ALRASTAN	17.08	42.86	51.39	19.90	35.50	92.40	4.29	1.78	1.23	3.78	1.87	5.52	0.50	0.56	0.00	7.94	26.18	312.77
7.ALMKARAM	3.69	25.85	23.31	3.69	1.34	1.22	37.20	1.14	1.45	1.13	2.68	7.14	0.27	0.26	0.00	4.65	10.54	125.57
8.ALKAREYTEN	2.82	22.10	19.76	5.54	1.04	0.51	1.16	28.80	0.60	0.63	0.55	2.83	0.32	0.29	0.00	2.52	8.16	97.64
9.SHEEN	1.90	13.80	12.15	2.63	1.43	0.37	1.53	0.62	22.80	0.44	1.00	8.93	0.15	0.13	0.00	2.43	6.46	76.76
10.TALBESEH	4.05	25.41	24.40	1.85	0.45	0.99	2.03	0.57	0.38	31.20	0.56	1.63	0.21	0.26	0.00	3.89	8.84	105.72
11.TALDO	2.15	14.85	13.27	1.98	0.70	0.52	2.63	0.53	0.93	0.59	21.60	3.53	0.15	0.14	0.00	3.17	6.12	72.87
12.ALNASRA	7.81	56.91	50.42	11.29	6.94	1.69	7.67	2.99	9.12	1.91	3.86	81.60	0.65	0.57	0.00	9.42	23.12	275.98
13.KATTENE	1.61	16.16	13.65	1.19	0.18	0.12	0.24	0.28	0.13	0.20	0.13	0.53	16.80	0.19	0.00	0.96	4.76	57.15
14.ALSOONEH	1.60	14.12	13.78	0.81	0.15	0.14	0.23	0.24	0.11	0.24	0.12	0.46	0.19	0.15	0.00	0.87	4.42	53.06
15.TADMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.80	0.00	139.20	232.00
16.ALL.MANUAL	22.43	133.28	117.73	9.18	2.21	2.03	4.17	2.22	2.07	3.81	2.90	7.87	0.98	0.91	0.00	147.60	41.82	501.22
17.TS	134.33	106.84	122.84	14.28	15.64	26.18	10.54	8.16	6.46	8.84	6.12	23.12	4.76	4.42	139.20	41.82	0.00	673.55
TOTAL	1,544.00	1,228.00	1,412.00	168.00	184.00	308.00	124.00	96.00	76.00	104.00	72.00	272.00	56.00	52.00	232.00	492.00	673.55	7,983.55

S1-5-2 Traffic Matrix <unit:ri> (Homs, 2005)

CENTER NAME	1.ALKW	2.ALMA	3.ALWA	4.KOSS	5.TALK	6.ALRA	7.ALMK	8.ALKA	9.SHEE	10.TALB	11.TALD	12.ALNA	13.KATT	14.ALSO	15.TADM	16.MANU	17.TS	TOTAL	
1.ALKWATLI	656.00	264.06	406.59	45.58	64.58	17.79	3.76	2.49	1.85	4.28	2.22	6.83	1.68	1.82	0.00	26.46	142.68	1,648.88	
2.ALMAHTTA	277.34	524.80	11.47	0.18	0.08	61.36	24.25	19.41	12.36	24.73	14.08	45.81	15.47	14.84	0.00	144.77	114.14	1,305.09	
3.ALWAER	461.96	12.41	627.20	0.73	0.12	83.34	18.34	14.57	9.13	19.93	10.55	34.05	10.96	12.15	0.00	107.30	136.42	1,559.17	
4.KOSSER	14.27	0.05	0.20	52.80	0.00	8.41	8.24	11.58	5.61	4.29	4.47	21.65	2.72	2.01	0.00	23.74	14.96	175.02	
5.TALKALAKH	32.65	0.08	0.04	0.00	57.60	24.27	5.84	4.27	5.95	2.02	3.08	26.02	0.80	0.71	0.00	11.18	16.32	190.83	
6.ALRASTAN	14.37	46.44	58.30	21.35	38.14	98.40	3.95	1.55	1.13	3.29	1.70	4.67	0.41	0.49	0.00	7.57	27.88	329.62	
7.ALKARAM	3.14	28.37	26.78	4.01	1.45	1.07	39.60	1.01	1.36	1.00	2.47	6.11	0.23	0.24	0.00	4.49	11.22	132.55	
8.ALKAREYTEN	2.29	23.12	21.65	5.74	1.08	0.43	1.03	30.00	0.53	0.53	0.48	2.31	0.26	0.24	0.00	2.32	8.50	100.53	
9.SHEEN	1.64	15.30	14.11	2.89	1.57	0.33	1.33	0.55	24.00	0.39	0.93	7.72	0.13	0.12	0.00	2.37	6.80	80.28	
10.TALBESEH	3.27	26.44	26.59	1.91	0.46	0.82	0.91	0.48	0.34	32.40	0.49	1.32	0.17	0.22	0.00	5.56	9.18	108.56	
11.TALDOO	1.82	16.18	15.14	2.13	0.75	0.46	2.42	0.47	0.86	0.52	22.80	3.00	0.12	0.12	0.00	3.04	6.46	76.30	
12.ALNASRA	6.17	57.82	53.64	11.36	7.00	1.38	6.60	2.45	7.87	1.56	3.29	81.60	0.50	0.47	0.00	8.42	23.12	273.25	
13.KATTENE	1.23	15.88	14.05	1.16	0.18	0.10	0.20	0.21	0.11	0.16	0.11	0.41	16.80	0.15	0.00	0.83	4.76	56.34	
14.ALSOONEH	1.31	14.94	15.27	0.84	0.15	0.12	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	4.76	56.34
15.TADMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.20	0.00	148.80	248.00	
16.ALL.MANUAL	19.86	151.95	140.55	10.36	2.50	1.86	4.03	2.05	2.01	3.50	2.78	7.00	0.85	0.85	0.00	169.20	47.94	567.25	
17.TS	142.68	114.14	136.42	14.96	16.32	27.88	11.22	8.50	6.80	9.18	6.46	23.12	4.76	4.76	148.80	47.94	0.00	723.94	
TOTAL	1,640.00	1,312.00	1,568.00	176.00	192.00	328.00	132.00	100.00	80.00	108.00	76.00	272.00	56.00	56.00	248.00	564.00	723.94	7,631.94	

S1-5-2 Traffic Matrix <unit:ri> (Homs, 2010)

CENTER NAME	1.ALKW	2.ALMA	3.ALWA	4.KOSS	5.TALK	6.ALRA	7.ALMK	8.ALKA	9.SHEE	10.TALB	11.TALD	12.ALNA	13.KATT	14.ALSO	15.TADM	16.MANU	17.TS	TOTAL
1.ALKWATLI	700.80	279.96	449.02	47.21	66.55	16.19	3.51	2.43	1.73	3.98	2.06	5.96	1.53	1.66	0.00	24.64	152.42	1,759.64
2.ALMAHTTA	292.00	563.20	14.98	0.22	0.10	66.06	26.78	20.68	13.66	27.16	15.43	47.22	16.70	15.99	0.00	159.38	122.50	1,402.05
3.ALWAER	508.51	16.26	699.20	0.94	0.15	93.80	21.88	16.22	10.55	22.89	12.10	36.70	12.37	13.70	0.00	123.51	152.08	1,740.16
4.KOSSER	14.64	0.07	0.26	55.20	0.00	8.82	8.87	12.03	6.05	4.59	4.77	21.75	2.86	2.12	0.00	25.48	15.64	183.15
5.TALKALAKH	33.67	0.10	0.05	0.00	60.00	25.58	6.31	4.45	6.45	2.18	3.30	26.26	0.85	0.75	0.00	12.06	17.00	199.01
6.ALRASTAN	13.24	50.97	66.65	22.89	40.69	105.60	3.80	1.45	1.10	3.17	1.63	4.21	0.38	0.46	0.00	7.29	29.92	353.46
7.ALKARAM	2.87	30.86	30.35	4.26	1.54	0.39	42.00	0.93	1.30	0.95	2.95	5.47	0.21	0.22	0.00	4.29	11.90	140.50
8.ALKAREYTEN	2.03	24.31	23.71	5.89	1.11	0.39	0.95	31.20	0.49	0.49	0.44	2.00	0.23	0.22	0.00	2.14	8.84	104.46
9.SHEEN	1.50	16.71	16.05	3.08	1.67	0.31	1.38	0.51	25.20	0.38	0.88	6.93	0.12	0.11	0.00	2.27	7.14	84.26
10.TALBESEH	2.97	28.61	29.97	2.02	0.48	0.76	0.87	0.44	0.32	34.80	0.46	1.18	0.16	0.21	0.00	3.38	9.86	116.50
11.TALDO	1.65	17.49	17.04	2.25	0.79	0.42	2.31	0.43	0.82	0.49	24.00	2.66	0.11	0.11	0.00	2.89	6.80	80.27
12.ALNASRA	5.27	58.89	56.91	11.30	6.93	1.20	5.92	2.12	7.07	1.59	2.93	81.60	0.44	0.41	0.00	7.53	23.12	273.04
13.KATTENE	1.11	16.96	15.63	1.21	0.18	0.09	0.19	0.20	0.10	0.15	0.10	0.36	18.00	0.14	0.00	0.78	5.10	60.30
14.ALSOONEH	1.18	15.93	16.96	0.88	0.16	0.11	0.19	0.00	0.00	0.09	0.10	0.33	0.14	0.00	0.00	0.76	5.10	60.30
15.TADMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.60	0.00	158.40	264.00
16.ALL.MANUAL	18.13	165.17	159.14	11.00	2.64	1.73	3.86	1.89	1.92	3.33	2.64	6.26	0.79	0.79	0.00	183.60	52.02	614.90
17.TS	152.42	122.50	152.08	15.64	17.00	29.92	11.90	8.84	7.14	9.86	6.80	23.12	5.10	5.10	158.40	52.02	0.00	777.84
TOTAL	1,752.00	1,408.00	1,748.00	184.00	200.00	352.00	140.00	104.00	84.00	116.00	80.00	272.00	60.00	60.00	264.00	612.00	777.84	8,213.84

S1-5-2 Traffic Matrix <unit:rl.> (Der Al Zor, 1996)

CENTER NAME	1.DERA	2.MAYA	3.BOUK	4.ALAS	5.MANU	6.TS	TOTAL
1 DERALZOR	211.28	93.27	93.27	14.01	74.77	45.95	532.56
2 MAYADINE	91.80	45.60	0.19	0.00	0.01	12.92	150.52
3 BOUKMAL	91.80	0.19	45.60	0.01	0.01	12.92	150.53
4 ALASHARA	13.79	0.00	0.01	6.84	0.00	1.94	22.58
5 ALL MANUAL	73.58	0.01	0.00	0.00	36.48	10.34	120.42
6 TS	45.95	12.92	12.92	1.94	10.34	0.00	84.07
TOTAL	528.20	152.00	152.00	22.80	121.60	84.07	1,060.67

S1-5-2 Traffic Matrix <unit:rl.> (Der Al Zor, 2000)

CENTER NAME	1.DERA	2.MAYA	3.BOUK	4.ALAS	5.MANU	6.TS	TOTAL
1 DERALZOR	326.80	93.27	93.27	14.01	74.77	71.08	673.20
2 MAYADINE	91.80	67.26	0.19	0.00	0.01	19.06	178.32
3 BOUKMAL	91.80	0.19	57.00	0.01	0.01	16.15	165.16
4 ALASHARA	13.79	0.00	0.01	23.94	0.00	6.78	44.52
5 ALL MANUAL	73.58	0.01	0.00	0.00	169.86	48.13	291.59
6 TS	71.08	19.06	16.15	6.78	48.13	0.00	161.20
TOTAL	668.85	179.80	166.63	44.74	292.77	161.20	1,513.98

S1-5-2 Traffic Matrix <unit:rl.> (Der Al Zor, 2005)

CENTER NAME	1.DERA	2.MAYA	3.BOUK	4.ALAS	5.MANU	6.TS	TOTAL
1 DERALZOR	360.24	93.27	93.27	14.01	74.77	78.35	713.92
2 MAYADINE	91.80	69.54	0.19	0.00	0.01	19.70	181.25
3 BOUKMAL	91.80	0.19	58.14	0.01	0.01	16.47	166.62
4 ALASHARA	13.79	0.00	0.01	26.22	0.00	7.43	47.45
5 ALL MANUAL	73.58	0.01	0.00	0.00	181.26	51.36	306.22
6 TS	78.35	19.70	16.47	7.43	51.36	0.00	173.31
TOTAL	709.56	182.72	168.09	47.67	307.40	173.31	1,588.76

S1-5-2 Traffic Matrix <unit:rl.> (Der Al Zor, 2010)

CENTER NAME	1.DERA	2.MAYA	3.BOUK	4.ALAS	5.MANU	6.TS	TOTAL
1 DERALZOR	384.56	93.27	93.27	14.01	74.77	83.64	743.52
2 MAYADINE	91.80	74.10	0.19	0.00	0.01	20.99	187.10
3 BOUKMAL	91.80	0.19	60.42	0.01	0.01	17.12	169.54
4 ALASHARA	13.79	0.00	0.01	29.64	0.00	8.40	51.84
5 ALL MANUAL	73.58	0.01	0.00	0.00	199.50	56.52	329.62
6 TS	83.64	20.99	17.12	8.40	56.52	0.00	186.68
TOTAL	739.17	188.58	171.02	52.06	330.81	186.68	1,668.31

S1-5-2 Traffic Matrix <unit:erl.> (Kamesjle, 1996)

CENTER NAME	1.KAME	2.AMOD	3.RASA	4.DERB	5.MANU	6.TS	TOTAL
1 KAMESJLE	137.94	39.62	46.62	25.68	58.41	39.08	347.35
2 AMODAH	65.73	19.38	0.09	0.01	0.01	5.49	90.71
3 RAS ALEIN	77.35	0.09	22.80	0.02	0.01	6.46	106.73
4 DERBASIEH	42.64	0.01	0.02	12.54	0.00	3.55	58.77
5 ALL MANUAL	97.05	0.01	0.00	0.00	28.50	8.07	133.65
6 TS	39.08	5.49	6.46	3.55	8.07	0.00	62.66
TOTAL	459.80	64.60	76.00	41.80	95.00	62.66	799.86

S1-5-2 Traffic Matrix <unit:erl.> (Kamesjle, 2000)

CENTER NAME	1.KAME	2.AMOD	3.RASA	4.DERB	5.MANU	6.TS	TOTAL
1 KAMESJLE	329.46	39.62	46.62	25.68	58.41	93.35	593.13
2 AMODAH	65.73	30.78	0.09	0.01	0.01	8.72	105.34
3 RAS ALEIN	77.35	0.09	30.78	0.02	0.01	8.72	116.97
4 DERBASIEH	42.64	0.01	0.02	23.94	0.00	6.78	73.40
5 ALL MANUAL	97.05	0.01	0.00	0.00	82.08	23.26	202.41
6 TS	93.35	8.72	8.72	6.78	23.26	0.00	140.83
TOTAL	705.58	79.23	86.24	56.43	163.76	140.83	1,232.07

S1-5-2 Traffic Matrix <unit:erl.> (Kamesjle, 2005)

CENTER NAME	1.KAME	2.AMOD	3.RASA	4.DERB	5.MANU	6.TS	TOTAL
1 KAMESJLE	360.24	39.62	46.62	25.68	58.41	102.07	632.64
2 AMODAH	65.73	33.06	0.09	0.01	0.01	9.37	108.27
3 RAS ALEIN	77.35	0.09	33.06	0.02	0.01	9.37	119.89
4 DERBASIEH	42.64	0.01	0.02	25.08	0.00	7.11	74.86
5 ALL MANUAL	97.05	0.01	0.00	0.00	90.06	25.52	212.65
6 TS	102.07	9.37	9.37	7.11	25.52	0.00	153.43
TOTAL	745.09	82.16	89.17	57.89	174.00	153.43	1,301.73

S1-5-2 Traffic Matrix <unit:erl.> (Kamesjle, 2010)

CENTER NAME	1.KAME	2.AMOD	3.RASA	4.DERB	5.MANU	6.TS	TOTAL
1 KAMESJLE	393.30	39.62	46.62	25.68	58.41	111.43	675.06
2 AMODAH	65.73	35.34	0.09	0.01	0.01	10.01	111.19
3 RAS ALEIN	77.35	0.09	34.20	0.02	0.01	9.69	121.36
4 DERBASIEH	42.64	0.01	0.02	27.36	0.00	7.75	77.78
5 ALL MANUAL	97.05	0.01	0.00	0.00	99.18	28.10	224.35
6 TS	111.43	10.01	9.69	7.75	28.10	0.00	166.99
TOTAL	787.51	85.08	90.63	60.82	185.71	166.99	1,376.74

SI-5-2 Traffic Matrix <unit:ertl.> (Hasakah, 1996)

CENTER NAME	1.HASA	2.MALK	3.MANU	4.TS	TOTAL
1 HASAKAH	267.52	40.21	46.93	58.19	412.84
2 MALKIAH	40.19	20.52	38.42	5.81	104.95
3 ALL MANUAL	46.83	38.36	29.64	8.40	123.23
4 TS	58.19	5.81	8.40	0.00	72.40
TOTAL	412.72	104.90	123.39	72.40	713.41

SI-5-2 Traffic Matrix <unit:ertl.> (Hasakah, 2000)

CENTER NAME	1.HASA	2.MALK	3.MANU	4.TS	TOTAL
1 HASAKAH	363.28	40.21	46.93	79.01	529.43
2 MALKIAH	40.19	31.92	38.42	9.04	119.58
3 ALL MANUAL	46.83	38.36	82.08	23.26	190.53
4 TS	79.01	9.04	23.26	0.00	111.31
TOTAL	529.31	119.53	190.68	111.31	950.84

SI-5-2 Traffic Matrix <unit:ertl.> (Hasakah, 2005)

CENTER NAME	1.HASA	2.MALK	3.MANU	4.TS	TOTAL
1 HASAKAH	380.00	40.21	46.93	82.65	549.78
2 MALKIAH	40.19	33.06	38.42	9.37	121.04
3 ALL MANUAL	46.83	38.36	90.06	25.52	200.77
4 TS	82.65	9.37	25.52	0.00	117.53
TOTAL	549.67	121.00	200.93	117.53	989.12

SI-5-2 Traffic Matrix <unit:ertl.> (Hasakah, 2010)

CENTER NAME	1.HASA	2.MALK	3.MANU	4.TS	TOTAL
1 HASAKAH	396.72	40.21	46.93	86.29	570.14
2 MALKIAH	40.19	35.34	38.42	10.01	123.97
3 ALL MANUAL	46.83	38.36	99.18	28.10	212.47
4 TS	86.29	10.01	28.10	0.00	124.40
TOTAL	570.03	123.92	212.63	124.40	1.030.98

SUPPORTING 1-6 FUNDAMENTAL TECHNICAL PLAN

S1-6-1

Study on Loss Allocation in Syria (1)

S1-6-1 Study on Loss Allocation in Syria (1)

This paper is to calculate OLR in Syria to see if Syrian network can meet the long-term objective recommended in CCITT G111 and G121.

1. Syrian current subscriber line loss objective is 10dB at 800Hz.

note: The loss objective Syria used to be 11.3dB since 1974. But the objective was improved from 11.3dB to 10dB two years ago.

Subscriber line	800Hz	1500Hz
0.4mm	10dB	13.58dB
0.5mm	10dB	13.57dB
0.65mm	10dB	13.57dB
0.9mm	10dB	13.29dB

2. The relationship between the subscriber line loss and SLR and RLR depends on types of telephone set and types of cable used in Syria and others, and must be obtained experimentally. Since it is very difficult for the JICA Study Team to know the experimental relationship, the relationship accepted in Japan is applied here.

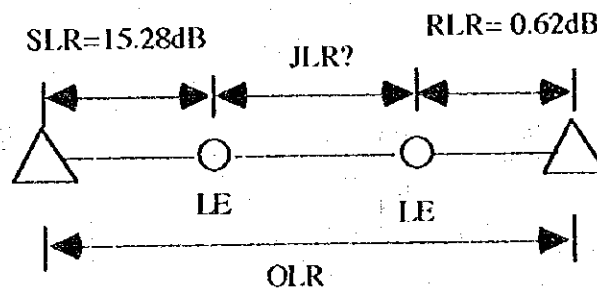
$$\text{SLR: } 4.4 + 0.8 \times L \text{ [dB]}$$

$$\text{RLR: } -8.9 + 0.7 \times L \text{ [dB]}$$

(in the case that L is more than 7dB; LdB at 1500Hz)

$$\text{SLR: } 15.28\text{dB (L = 13.6dB)}$$

$$\text{RLR: } 0.62\text{dB (L = 13.6dB)}$$

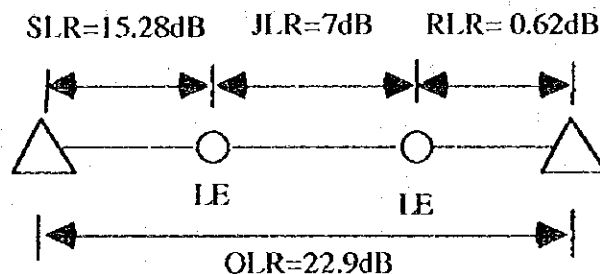


LE: LOCAL EXCHANGE

3. In order to obtain JLR, you must know the network loss (loss from LE to LE). In the case of all digitized network from LE to LE, the minimum network loss is almost free from the

network un-stability caused by (near) singing. However it is said that small network loss causes echo problem. Consequently most of main countries give 7-8 dB loss to the network loss (see CCITT G121 ANNEX C).

If the network loss is 7dB, JLR becomes 7dB. OLR will be: $15.28 + 7 + 0.62\text{dB} = 22.9\text{dB}$.



LE: LOCAL EXCHANGE

4. The CCITT G 111 (revised in 1988) recommends as follows.

OPTIMAL VALUE	OLR = approximately 10dB
maximum	OLR = 12dB
minimum	OLR = 8dB
(long term objective)	

Conclusion:

the Syrian network does not meet the CCITT long term objective on speech quality. The subscriber loss objective must be reduced from view point of speech quality.

note 1: The OLR calculated here meets the CCITT short term objective (maximum OLR = 21dB).

note 2: In the case that the network from LE to LE is all analog, the OLR will be worsen by 7-8dB, taking account of the network loss increase for network stability against (near) singing, loss deviation, and attenuation distortion. The Syrian network of all analog does not meet the CCITT short term objective (maximum OLR = 21dB).

It is assumed here that LEs are 4 wires switches. Otherwise, the OLR will be worsen more.

note 3: terminology

LR : Loudness Rating

OLR: Overall Loudness Rating

SLR: Send Loudness Rating

note: SLR used in the paper is not at 0dB or VASP (Virtual Analog Switching Point).

RLR: Receive Loudness Rating

note: SLR used in the paper is not at 0dB or VASP (Virtual Analog Switching Point).

JLR: Junction Loudness Rating

memo: (see "Study on Loss Allocation in Syria (3)" This memo is uncorrected.)

Frequency for 10dB subscriber line loss objective in Syria

The Study Team failed to find out a document which describes the frequency used for the subscriber line loss. However, the Study Team guesses that the frequency is 800Hz in Syria, on the ground of the following reasons.

- (1) The STE used RE standard. For RE standard, It is said that loss at 700-800Hz is the most equivalent to RE deterioration.
- (2) In the Syrian document "Communication Calculations in audio telephone cable", the maximum distances of various cables are calculated for the old standard, 11.3dB at 800Hz.



S1-6-2

Study on Loss Allocation in Syria (2)



S1-6-2 Study on Loss Allocation in Syria (2)

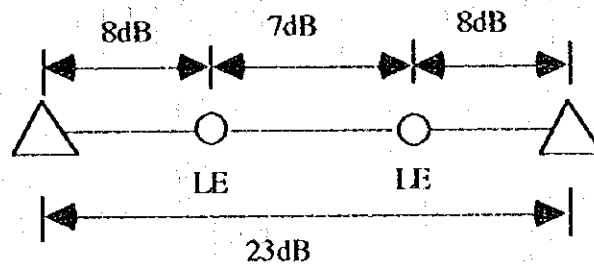
This paper is to recommend Syrian loss allocation as a medium term objective applied for the Master Plan for the period to 2010.

1. Guide line

- (1) Loss allocation will be determined to meet CCITT G111 and G121 recommendations on speech quality measured by LR (Loudness Rating).
- (2) Taking account of not only speech quality, but also economic view point, Syrian medium term objective will be better than the short term objective, but worse than the long term objective, which are recommended in G111 and G121.
- (3) This recommendation should be applied only for all digital network from local exchange to local exchange.
- (4) As for all analog network from local exchange to local exchange, a reference of loss allocation will be shown in the document. (The reference is limited to 4 wires local exchange network.)
- (5) The method of Overall LR calculation is the same as used in the paper "study on loss allocation (1)".

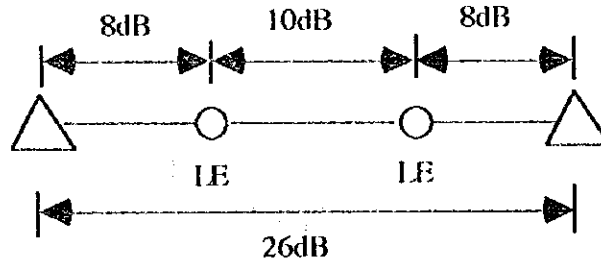
2. Loss allocation

- (1) Recommendation for all digital network from local exchange to local exchange (4 wires local exchanges)



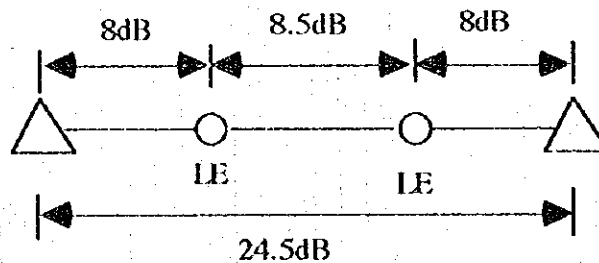
LE: LOCAL EXCHANGE

- (2) A Reference for all analog network from local exchange to local exchange (4 wires local exchanges)



LE: LOCAL EXCHANGE

- (3) A Reference for analog digital network from local exchange to local exchange (4 wires local exchanges)



LE: LOCAL EXCHANGE

note 1: The subscriber line loss is at 800Hz.

note 2: The subscriber line loss objective must be improved from current 10dB to 8dB (see note 3).

note 3: The subscriber line loss does not include telephone set loss and loss from telephone set to outside terminal of arrester, but include intra-office loss from MDF to exchange, say 0.5dB. Therefore 7.5dB can be actually allocated to subscriber lines if the intra-office loss is 0.5dB.

note 4: The network losses from LE to LE are determined in consideration of;

- (1) echo problem caused by small network loss for the all digital network from LE to LE, and

(2) network un-stability caused by (near) singing for the all analog network from L.E to L.E.

3. Overall LR

(1) all digital network from LE to LE (4 wire local exchanges)

Overall LR: 18.85dB

The value is better than the CCITT short term objective (maximum 21dB), but worse than long term objective (maximum 12dB).

The value can obtain 1.8 MOS (Mean Opinion Score): 70% of people think speech quality "fair" and almost nobody think speech quality "bad", even in the case of the longest connection in Syria.

(2) all analog network from L.E to L.E (4 wire local exchanges)

Overall LR: 26.85dB (including deterioration caused by loss variation and attenuation distortion)

The value does not meet CCITT short term objective (maximum 21dB). However, the value is better than the maximum values for an average-sized country, which are recommended to be improved in G121.

note: see "Study on Loss Allocation in Syria (1)" which calculates Overall LR for the current Syrian 10dB subscriber line objective.

4. Calculation of Overall LR

(1) all digital network from LE to LE (4 wires local exchanges)

subscriber line loss at 800Hz : 8dB
subscriber line loss at 1500Hz: 10.9dB
network loss at 1000KHz : 7dB

Send LR: $4.4 + 0.8 \times 10.9 = 13.12$ dB
Receive LR: $-8.9 + 0.7 \times 10.9 = -1.27$ dB
Junction LR: 7dB

Overall LR: 18.85dB

(2) all analog network from LE to LE (4 wires local exchanges)

subscriber line loss at 800Hz : 8dB
subscriber line loss at 1500Hz: 10.9dB
network loss at 1000KHz : 10dB

Send LR: $4.4 + 0.8 \times 10.9 = 13.12$ dB
Receive LR: $-8.9 + 0.7 \times 10.9 = -1.27$ dB
Junction LR: 10dB
attenuation distortion: 1.5dB
loss variation: 3.5dB

Overall LR: 26.85dB

S1-6-3

Study on Loss Allocation in Syria (3)



S1-6-3 STUDY ON LOSS ALLOCATION IN SYRIA (3)

TO: ENG. MOHAMAD OTHMAN, EXECUTION DIRECTOR, STE
COPY TO: ENG. KAMAL DABOUR, LOCAL NETWORK O&M DEPARTMENT
COPY TO: MR. R. SCHOLZ, JICA STUDY TEAM
COPY TO: MR. M. TANAKA, JICA STUDY TEAM LEADER
DE: TOMIO HOSODA, JICA STUDY TEAM

DATE: 11TH DECEMBER, 1995

SUBJECT: ANSWER TO YOUR COMMENTS ON "STUDY ON LOSS ALLOCATION IN SYRIA (1)"

Dear Eng. M. Othman,

Thank you for your kind comments on my study on loss allocation in Syria (1). Let me answer to your comments.

1. your comment:

Loss allocation in Syria is based on Rec. G121 Reference equivalence of national systems ORANGE BOOK vol III-1.

my answer:

RED BOOK and BLUE BOOK have been issued, following the ORANGE BOOK. Their recommendations are based on different measures on speech quality as follows.

RED BOOK (New Delhi 1960): Articulation Reference Equivalent (AEN)

ORANGE BOOK (Geneva 1977): Reference Equivalence (RE)

RED BOOK (Geneva 1985): Corrected RE and Loudness Rating (LR)

BLUE BOOK (Melbourne 1988): LR

The reason why the ways of measuring speech quality have been changing is to comply with telephone network improvements by introduction of 4 wires local exchanges, network digitization, and good telephone sets.

When we see far ahead into the period to 2010, I firmly believe that the Syrian network should be evaluated in speech quality according to the recent BLUE BOOK. Therefore, my study on speech quality in Syria (1) and (2) are based on the BLUE BOOK.

2. **your comment:**

The conclusion " the Syrian network does not meet the CCITT long term objective on speech quality." is questionable.

my answer:

The CCITT long term objective is recommended in the BLUE BOOK, and not in the ORANGE BOOK. As a matter of fact, even the most advanced countries have been making every effort to reach the long term objective. In the master plan up to year 2010, I would like to propose the medium term objective which is described in the "study on speech quality in Syria (2)".

3. **your comment:**

Syria network losses are as follows.

(1) Loss between local exchanges

a- between all digital exchanges: 0 dB

b- between digital exchanges and EMD: 0 dB

c- between EMD exchanges: depends on the distance, e.g. in Damascus

minimum C - E: 2.5dB

maximum D - F: 8dB

note 1: all EMD exchanges will be replaced by new digital ones in the 8th five years plan.

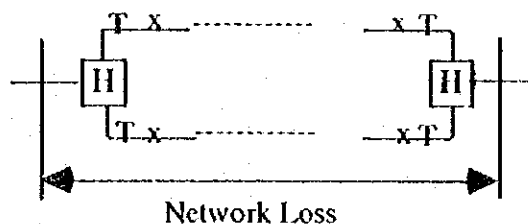
note 2: links to Douma and Toll EMD exchanges are PCM.

(2) Loss between Local and STD exchanges: 0 dB (using only PCM links)

(3) Loss between STD exchanges: 0dB

my answer:

The network losses in my papers are defined as below.



x : Local Exchange
switching point
T : Attenuator
H : Hybrid

note: The network loss can be adjusted by the attenuators.

Loss between "x" point to "x" point in the above figure must be 0 dB in all digital network. However the network loss must be decided, taking account of following conditions.

- (1) Network Un-stability caused by (near) singing, and
- (2) (near end) Echo

If the loss between all digital exchanges in your comment is the network loss with 0 dB, the network would suffer from the problems above.

In the "study on loss allocation in Syria (2)", the loss allocation is proposed for the longest connection in Syria. For shorter connection, the network loss could be reduced. In most of European countries, the network loss is 7 dB in all connections for all digital networks. But in north America, they change network losses according to connections. The 7 dB loss is the safest for all digital network in Syria. If STE want to reduce the network loss for shorter connections, you should carefully consider the above two conditions. In Japan, 4 dB network loss is given to connections originating and terminating within one telephone office.

For the two wires local exchanges, the maximum two wires circuit losses to 4 wires toll exchange must be added to the loss allocation for the longest connection.

4. your comment:

The frequency for the subscriber line loss is 800 Hz.

my answer:

Thank you for your comment. I take a note here that the 800 Hz frequency is described in an Arabic document held by Mr. M. Othman.

Best Regards,

Tomio Hosoda
JICA Study Team

Note: The speech quality calculations in "Study on Loss Allocation in Syria (1)" and "Study on Loss Allocation in Syria (2)" are made for the worst cases in Syria as usual.

SUPPORTING 1-7 LONG TERM FACILITY PLAN

S1-7-1

Deployment of Local Switching Equipment



SI-7-1 Deployment of Local switching Equipment 1996-2010

FACILITIES PLAN: LOCAL EXCHANGES

OVERVIEW SYRIA: Line Units in Accordance with the Fulfillment Plan

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Existing															
SYRIA Line Units total	1,423,741	1,691,000	1,916,500	1,991,600	2,000,100	2,034,500	2,079,900	2,100,600	2,134,400	2,138,400	2,184,900	2,216,600	2,248,100	2,271,900	2,305,000
Regular Exchanges	199,739	65,400	224,600	75,100	8,500	54,400	24,400	21,700	33,500	24,000	26,500	31,700	31,500	23,800	33,100
Replacement Manual Exch	15,000	15,000	0	15,000	15,000	12,000	12,000	12,000	12,000	12,000	0	0	0	0	0
Replacement EMD	10,000	82,000	0	61,000	68,000	0	0	0	0	0	0	0	0	0	0
Replacement EIDA/TEDB	0	0	0	0	0	21,000	37,000	0	0	0	0	0	0	0	0
Replacement NEAX 61	0	0	0	0	0	0	0	40,000	20,000	40,000	0	0	0	0	0
Line Units to be procured	224,739	163,400	224,600	151,100	91,500	87,400	71,400	71,700	65,800	76,000	26,500	31,700	31,500	23,800	33,100
Line units per 5 Year Plan					455,339										1,460,000

SI-7-1 Deployment of Local switching Equipment 1996-2010

2. ALEPPO Rural Area

Center Name	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Alhab	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Manber	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Sera	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Erreem	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Azzaf	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Jim Alarab	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Jarablos	1,800	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Tal Rafief	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Dava Fiza	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Nabek	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Jendares	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Marca	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Alatich	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Hwanan	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Qat Hafe	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Yastanah	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Switshabek	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Wakher	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Wakher	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Wan	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Alra	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Alman	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Qay	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Qay	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Manawite	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Aladweh	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Alzarah	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Alzarah	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Belbul	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Shawak	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50

SI-7-1 Deployment of Local switching Equipment 1996-2010

4. DAMASCUS City Area

Center Name	Existing	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Al Nasser	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
Al Thawra	15,000	15,000	17,100	17,100	19,200	19,200	20,200	20,200	20,200	21,200	21,200	21,200	21,200	22,200	22,200	22,200
Kafri Saoudh	25,000	25,000	25,000	25,000	26,000	26,000	27,000	27,000	28,000	28,000	29,000	29,000	30,000	30,000	31,000	31,000
Dnaseh	15,000	15,000	15,000	15,000	16,000	16,000	17,000	17,000	17,000	18,000	18,000	18,000	18,000	19,000	19,000	19,000
Al Wnashim	23,000	23,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Jalila	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Bah Shams	28,000	30,200	30,200	30,200	30,200	30,200	30,200	30,200	30,200	30,200	30,200	30,200	30,200	30,200	30,200	30,200
Marzab 1	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Marzab 2	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Al Miridan	17,000	23,900	23,900	23,900	24,800	24,800	24,800	24,800	24,800	24,800	24,800	24,800	24,800	24,800	24,800	24,800
Al Yarmouk	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Rokm Al Dren	10,000	13,700	13,700	13,700	14,600	14,600	14,600	14,600	14,600	14,600	14,600	14,600	14,600	14,600	14,600	14,600
Barzeh	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Baselid	40,000	47,100	47,100	47,100	47,100	47,100	47,100	47,100	47,100	47,100	47,100	47,100	47,100	47,100	47,100	47,100
New Area	0	35,900	35,900	44,500	44,500	44,500	44,500	44,500	44,500	44,500	44,500	44,500	44,500	44,500	44,500	44,500
Damascus city total	553,000	391,700	410,700	454,200	471,200	450,500	484,900	491,300	496,200	504,900	511,100	517,800	523,900	532,700	538,900	545,700

SI-7-1 Deployment of Local switching Equipment 1996-2010

5. DAMASCUS Rural Area (continuation)

Center Name	Existing	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Zahleh	283	1,100	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
Azmeih	550	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Kanaker	103	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900
Beirgh	340	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Deir Al Maan	71	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700
Kalaf Hawar	400	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700
Jamial	0	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Subeiyah	0	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Meghrich	6	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Barajneh	60	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Romaysh	0	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Hissaneh	100	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Namurah	100	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700
Derna	104	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Sahil	60	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Kastal	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Maatneh	100	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Mitla	2,000	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300
Abadi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West MTA Aleham	0	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
Yabari Al'Awam	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Yabari Al'Awam	0	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
Yabari	0	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
Damascus rural total	201,510	237,100	243,800	247,800	248,100	248,100	248,000	247,000	247,000	246,300	245,000	244,000	243,000	242,000	241,000	240,000

S1-7.1 Deployment of Local switching Equipment 1996-2010

9. NOMS (continuation)

Center Name	Existing	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Pahel	67	400	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Malween	30	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Marberich	240	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Palush	277	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Alama	284	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Alkaba	357	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Alforties	357	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Kiram	174	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Jebelgrah	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Em Nasser	284	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Alhadyeh	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Leen Nor	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Derna	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Ramskroz	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Miron	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Gawa	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Lebach	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Alman	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Khafal	144	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Brage	60	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Totals (total)	1,29,744	144,700	145,100	155,100	169,300	174,500	174,500	175,000	178,000	180,100	183,400	185,200	186,800	190,200	192,500	198,100

10. IJLEB

Center Name	Existing	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Jibeh	7,000	17,000	17,000	19,000	19,000	20,000	20,000	20,000	20,000	20,000	21,000	21,000	21,000	22,000	22,000	22,000
GeorShkar	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Harim	1,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Alama	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Kuter-Talanan	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Arabis	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Salken	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Mari Almaran	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Mari Mreah	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Shakh	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Kan Shekhan	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Kuter-Norbel	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Alman	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Ahwa Alhabwah	112	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Brash	1,000	3,000	3,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Totals (total)	1,29,744	144,700	145,100	155,100	169,300	174,500	174,500	175,000	178,000	180,100	183,400	185,200	186,800	190,200	192,500	198,100

