

6.2 Mobile Terminal Traffic and Circuits

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	5,392	7,080	9,980	378.0	495.6	698.6	378.0	495.6	698.6	---	---	---	---	---	---
2	Battsengel	228	299	421	16.1	21.0	30.1	16.1	21.0	30.1	24	29	40	24	29	40
3	Bulgan	98	129	182	7.0	9.1	13.3	7.0	9.1	13.3	13	16	21	13	16	21
4	Jargalant	137	179	253	9.8	12.6	18.2	9.8	12.6	18.2	16	20	26	16	20	26
5	Ikhtamir	204	268	378	14.7	18.9	26.6	14.7	18.9	26.6	22	27	36	22	27	36
6	Uginuur	104	137	193	7.7	9.8	14.0	7.7	9.8	14.0	14	16	21	14	16	21
7	Ulziit	151	198	279	11.2	14.0	19.6	11.2	14.0	19.6	18	21	28	18	21	28
8	Undur-Ulaan	169	222	312	11.9	16.1	22.4	11.9	16.1	22.4	19	24	31	19	24	31
9	Tariat	189	248	349	13.3	17.5	24.5	13.3	17.5	24.5	21	25	33	21	25	33
10	Tuvshruuleh	291	382	538	21.0	27.3	37.8	21.0	27.3	37.8	29	36	48	29	36	48
11	Tsakhir	86	113	159	6.3	8.4	11.2	6.3	8.4	11.2	12	15	18	12	15	18
12	Tsenkher	159	208	293	11.2	14.7	21.0	11.2	14.7	21.0	18	22	29	18	22	29
13	Tsetserleg	144	189	266	10.5	13.3	18.9	10.5	13.3	18.9	17	21	27	17	21	27
14	Chuluut	110	145	204	7.7	10.5	14.7	7.7	10.5	14.7	14	17	22	14	17	22
15	Khairkhan	218	286	403	15.4	20.3	28.7	15.4	20.3	28.7	23	29	38	23	29	38
16	Khangai	114	150	212	8.4	10.5	15.4	8.4	10.5	15.4	15	17	23	15	17	23
17	Khashaat	75	99	139	5.6	7.0	9.8	5.6	7.0	9.8	11	13	16	11	13	16
18	Khotont	233	305	430	16.8	21.7	30.1	16.8	21.7	30.1	25	30	40	25	30	40
19	Erdenemandal	218	286	403	15.4	20.3	28.7	15.4	20.3	28.7	23	29	38	23	29	38
	Total	8,320	10,923	15,394	588.0	768.6	1,083.6	588.0	768.6	1,083.6	---	---	---	---	---	---

Arkhangai

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	4,567	5,996	8,452	319.9	420.0	592.2	319.9	420.0	592.2	---	---	---	0.02	0.02	0.02
2	Altai	76	100	141	5.6	7.0	10.5	3.9	4.8	7.2	9	10	13	9	11	13
3	Altantsugts	80	104	147	5.6	7.7	10.5	3.9	5.3	7.2	9	11	13	9	11	13
4	Baynnuur	151	198	280	11.2	14.0	19.6	7.7	9.6	13.5	14	16	21	14	16	21
5	Bugat	80	105	148	5.6	7.7	10.5	3.9	5.3	7.2	9	11	13	9	11	13
6	Bulgan	100	132	186	7.0	9.8	13.3	4.8	6.7	9.1	10	13	16	10	13	16
7	Buyant	63	82	116	4.9	6.3	8.4	3.4	4.3	5.8	8	9	11	8	9	11
8	Deluun	117	154	217	8.4	11.2	15.4	5.8	7.7	10.6	11	14	17	11	14	17
9	Nogoonnuur	150	197	278	10.5	14.0	19.6	7.2	9.6	13.5	13	16	21	13	16	21
10	Tolbo	90	119	167	6.3	8.4	11.9	4.3	5.8	8.2	9	11	14	9	11	14
11	Ulaankhus	126	166	233	9.1	11.9	16.8	6.3	8.2	11.6	12	14	19	12	14	19
12	Sagsai	125	164	231	9.1	11.9	16.8	6.3	8.2	11.6	12	14	19	12	14	19
13	Tsengel	131	171	242	9.8	12.6	17.5	6.7	8.7	12.0	13	15	19	13	15	19
14	Khotgor	69	91	128	4.9	7.0	9.1	3.4	4.8	6.3	8	10	12	8	10	12
15	Tsagaannuur	154	202	284	11.2	14.7	20.3	7.7	10.1	14.0	14	17	21	14	17	21
	Total	6,079	7,981	11,250	429.1	564.2	792.4	395.0	519.1	729.8	---	---	---	---	---	---

Bayan-Ulgii

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	6,850	8,995	12,681	479.5	630.0	888.3	479.5	630.0	888.3	---	---	---	---	---	---
2	Shargaljuut	38	50	70	2.8	3.5	4.9	1.9	2.4	3.4	6	7	8	7	8	8
3	Ulziit	211	277	390	15.4	19.6	27.3	10.6	13.5	18.8	17	21	27	21	27	27
4	Jinst	100	132	186	7.0	9.8	13.3	4.8	6.7	9.1	10	13	16	13	16	16
5	Bogd	195	255	360	14.0	18.2	25.2	9.6	12.5	17.3	16	20	25	20	25	25
6	Bayanlig	166	218	308	11.9	15.4	21.7	8.2	10.6	14.9	14	17	23	17	23	23
7	Bayangobi	117	154	217	8.4	11.2	15.4	5.8	7.7	10.6	11	14	17	14	17	17
8	Baantsagaan	105	138	195	7.7	9.8	14.0	5.3	6.7	9.6	11	13	16	11	13	16
9	Bayantsagaan	263	346	487	18.9	24.5	34.3	13.0	16.8	23.6	20	25	32	25	32	32
10	Bayan-Undur	80	105	148	5.6	7.7	10.5	3.9	5.3	7.2	9	11	13	9	11	13
11	Shinejinst	79	104	147	5.6	7.7	10.5	3.9	5.3	7.2	9	11	13	9	11	13
12	Bumbugur	89	117	165	6.3	8.4	11.9	4.3	5.8	8.2	9	11	14	9	11	14
13	Buutsagaan	300	394	555	21.0	28.0	39.2	14.4	19.3	27.0	22	27	36	22	27	36
14	Khureemara	263	345	486	18.9	24.5	34.3	13.0	16.8	23.6	20	25	32	20	25	32
15	Bayanbulag	102	134	188	7.7	9.8	13.3	5.3	6.7	9.1	11	13	16	11	13	16
16	Gurbanbulag	104	137	193	7.7	9.8	14.0	5.3	6.7	9.6	11	13	16	11	13	16
17	Zag	121	159	225	9.1	11.2	16.1	6.3	7.7	11.1	12	14	18	12	14	18
18	Jargalant	292	384	541	21.0	27.3	38.5	14.4	18.8	26.5	22	27	36	22	27	36
19	Galuu	159	209	295	11.2	14.7	21.0	7.7	10.1	14.4	14	17	22	14	17	22
20	Bayan-Oboo	119	156	220	8.4	11.2	15.4	5.8	7.7	10.6	11	14	17	11	14	17
21	Erdeneisogt	162	213	301	11.9	15.4	21.7	8.2	10.6	14.9	14	17	23	14	17	23
	Total	9,915	13,022	18,358	700.0	917.7	1,290.8	631.1	827.8	1,165.0	---	---	---	---	---	---

Bayankhongor

No.	Aimags/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	2,949	3,872	5,459	206.5	271.6	382.2	206.5	271.6	382.2	---	---	---	---	---	---
2	Bayan-Agt	159	209	295	11.2	14.7	21.0	7.7	10.1	14.4	14	17	22	17	22	22
3	Bayannuur	164	216	304	11.9	15.4	21.7	8.2	10.6	14.9	14	17	23	17	23	23
4	Bugat	86	113	159	6.3	8.4	11.2	4.3	5.8	7.7	9	11	14	11	14	14
5	Buregkhantai	167	219	309	11.9	15.4	21.7	8.2	10.6	14.9	14	17	23	17	23	23
6	Gurbanbulag	149	196	277	10.5	14.0	19.6	7.2	9.6	13.5	13	16	21	16	21	21
7	Dashinchilen	232	305	430	16.8	21.7	30.1	11.6	14.9	20.7	19	23	29	23	29	29
8	Mogod	107	141	199	7.7	10.5	14.0	5.3	7.2	9.6	11	13	16	13	16	16
9	Orkhon	129	169	239	9.1	11.9	16.8	6.3	8.2	11.6	12	14	19	14	19	19
10	Rashaant	274	360	507	19.6	25.2	35.7	13.5	17.3	24.5	21	25	33	25	33	33
11	Saikhan	263	345	486	18.9	24.5	34.3	13.0	16.8	23.6	20	25	32	25	32	32
12	Selenge	244	321	453	17.5	23.1	32.2	12.0	15.9	22.1	19	24	31	24	31	31
13	Teshig	155	203	286	11.2	14.7	20.3	7.7	10.1	14.0	14	17	21	17	21	21
14	Khangaal	354	465	656	25.2	32.9	46.2	17.3	22.6	31.8	25	31	41	31	41	41
15	Khishi-Undur	258	339	478	18.2	23.8	33.6	12.5	16.4	23.1	20	24	32	24	32	32
16	Khutag	369	484	682	25.9	34.3	48.3	17.8	23.6	33.2	26	32	43	32	43	43
17	Khyalganat	337	443	625	23.8	31.5	44.1	16.4	21.7	30.3	24	30	40	30	40	40
	Total	6,396	8,400	11,844	452.2	593.6	833.0	375.4	493.0	692.1	---	---	---	---	---	---

Bulgan

Govi-Altai

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	3,365	4,418	6,228	235.9	309.4	436.1	235.9	309.4	436.1	235.9	309.4	436.1	---	---	---
2	Altai	104	136	192	7.7	9.8	14.0	5.3	6.7	9.6	10.6	14.0	19.7	11	13	16
3	Bayan-Uul	216	284	401	15.4	20.3	28.7	10.6	14.0	19.7	10.6	14.0	19.7	17	21	28
4	Bayantooroi	27	36	51	2.1	2.8	4.2	1.4	1.9	2.9	1.4	1.9	2.9	5	6	7
5	Biger	191	250	353	14.0	17.5	25.2	9.6	12.0	17.3	9.6	12.0	17.3	16	19	25
6	Bugat	100	131	185	7.0	9.8	13.3	4.8	6.7	9.1	4.8	6.7	9.1	10	13	16
7	Darvi	110	145	204	7.7	10.5	14.7	5.3	7.2	10.1	5.3	7.2	10.1	11	13	17
8	Delger	199	262	369	14.0	18.9	25.9	9.6	13.0	17.8	9.6	13.0	17.8	16	20	26
9	Jargalan	74	97	137	5.6	7.0	9.8	3.9	4.8	6.7	3.9	4.8	6.7	9	10	13
10	Taishir	29	38	53	2.1	2.8	4.2	1.4	1.9	2.9	1.4	1.9	2.9	5	6	7
11	Tonkhil	209	274	386	14.7	19.6	27.3	10.1	13.5	18.8	10.1	13.5	18.8	17	21	27
12	Tugrug	92	121	171	7.0	9.1	12.6	4.8	6.3	8.7	4.8	6.3	8.7	10	12	15
13	Khaliun	69	90	127	4.9	6.3	9.1	3.4	4.3	6.3	3.4	4.3	6.3	8	9	12
14	Khukhmort	119	156	219	8.4	11.2	15.4	5.8	7.7	10.6	5.8	7.7	10.6	11	14	17
15	Tsogt	313	410	579	22.4	28.7	40.6	15.4	19.7	27.9	15.4	19.7	27.9	23	28	37
16	Tseel	76	100	141	5.6	7.0	10.5	3.9	4.8	7.2	3.9	4.8	7.2	9	10	13
17	Chandmani	111	146	206	8.4	10.5	14.7	5.8	7.2	10.1	5.8	7.2	10.1	11	13	17
18	Sharga	51	67	95	4.2	4.9	7.0	2.9	3.4	4.8	2.9	3.4	4.8	7	8	10
19	Erdene	98	129	181	7.0	9.1	13.3	4.8	6.3	9.1	4.8	6.3	9.1	10	12	16
20	Guulin	206	271	382	14.7	19.6	27.3	10.1	13.5	18.8	10.1	13.5	18.8	17	21	27
	Total	5,759	7,561	10,660	408.8	534.8	753.9	337.0	441.3	621.9	337.0	441.3	621.9	---	---	---

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum			Dornogovi
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	
1	Aimag center	2,954	3,879	5,468	207.2	271.6	382.9	207.2	271.6	382.9	---	---	---	---	---	---	
2	Airag	205	269	379	14.7	18.9	26.6	10.1	13.0	18.3	17	20	26				
3	Altanshiree	153	201	284	11.2	14.7	20.3	7.7	10.1	14.0	14	17	21				
4	Dalanjargalan	65	86	121	4.9	6.3	9.1	3.4	4.3	6.3	8	9	12				
5	Delgerekh	40	53	74	2.8	4.2	5.6	1.9	2.9	3.9	6	7	9				
6	Ikhkhet	156	205	288	11.2	14.7	20.3	7.7	10.1	14.0	14	17	21				
7	Mandakh	39	52	73	2.8	4.2	5.6	1.9	2.9	3.9	6	7	9				
8	Urgun	105	138	195	7.7	9.8	14.0	5.3	6.7	9.6	11	13	16				
9	Saikhandulaan	23	31	43	2.1	2.8	3.5	1.4	1.9	2.4	5	6	7				
10	Ulaanbadrakh	42	55	77	3.5	4.2	5.6	2.4	2.9	3.9	7	7	9				
11	Khatanbulag	66	86	121	4.9	6.3	9.1	3.4	4.3	6.3	8	9	12				
12	Khuvsgul	35	46	65	2.8	3.5	4.9	1.9	2.4	3.4	6	7	8				
13	Erdene	146	191	270	10.5	14.0	18.9	7.2	9.6	13.0	13	16	20				
14	Zuunbayan	381	500	705	27.3	35.0	49.7	18.8	24.1	34.2	27	33	44				
15	Zamiin-Uud	912	1,198	1,689	64.4	84.0	118.3	44.3	57.8	81.3	55	69	94				
16	Zulegt	18	24	34	1.4	2.1	2.8	1.0	1.4	1.9	4	5	6				
17	Khajuulaan	79	104	147	5.6	7.7	10.5	3.9	5.3	7.2	9	11	13				
18	Suulinkheer	18	24	34	1.4	2.1	2.8	1.0	1.4	1.9	4	5	6				
	Total	5,437	7,142	10,067	386.4	506.1	710.5	329.4	431.4	606.2	---	---	---				

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum			Dormod
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	
1	Aimag center	3,005	3,946	5,562	210.7	276.5	389.9	210.7	276.5	389.9	---	---	---	---	---	---	
2	Khalkhgol	64	83	118	4.9	6.3	8.4	3.4	4.3	5.8	8	9	11	8	9	11	
3	Matad	38	49	70	2.8	3.5	4.9	1.9	2.4	3.4	6	7	8	6	7	8	
4	Khulunbuir	49	65	91	3.5	4.9	7.0	2.4	3.4	4.8	7	8	10	7	8	10	
5	Bayantumen	33	44	61	2.8	3.5	4.9	1.9	2.4	3.4	6	7	8	6	7	8	
6	Tsagaan-Ovoo	40	52	73	2.8	4.2	5.6	1.9	2.9	3.9	6	7	9	6	7	9	
7	Bayan-uul	118	155	218	8.4	11.2	15.4	5.8	7.7	10.6	11	14	17	11	14	17	
8	Bayandun	39	51	72	2.8	4.2	5.6	1.9	2.9	3.9	6	7	9	6	7	9	
9	Dashbalbar	55	73	103	4.2	5.6	7.7	2.9	3.9	5.3	7	9	11	7	9	11	
10	Gurbanzagal	41	54	76	3.5	4.2	5.6	2.4	2.9	3.9	7	7	9	7	7	9	
11	Choibalsan	85	111	157	6.3	8.4	11.2	4.3	5.8	7.7	9	11	14	9	11	14	
12	Ereentsav	169	222	313	11.9	16.1	22.4	8.2	11.1	15.4	14	18	23	14	18	23	
13	Bulgan	58	76	107	4.2	5.6	7.7	2.9	3.9	5.3	7	9	11	7	9	11	
14	Sergelen	37	48	68	2.8	3.5	4.9	1.9	2.4	3.4	6	7	8	6	7	8	
15	Sumber	9	11	16	0.7	1.4	1.4	0.5	1.0	1.0	3	4	4	3	4	4	
	Total	3,840	5,040	7,105	272.3	359.1	502.6	252.6	332.3	466.4	---	---	---	---	---	---	

Dundgovi

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	1,891	2,483	3,500	133.0	174.3	245.0	133.0	174.3	245.0	---	---	---	---	---	---
2	Adaatsag	81	107	150	6.3	7.7	10.5	4.3	5.3	7.2	9	11	13	11	13	13
3	Delgertsogt	87	114	161	6.3	8.4	11.9	4.3	5.8	8.2	9	11	14	11	14	14
4	Deren	136	178	251	9.8	12.6	18.2	6.7	8.7	12.5	13	15	20	13	15	20
5	Gobi-Ugtaal	125	165	232	9.1	11.9	16.8	6.3	8.2	11.6	12	14	19	12	14	19
6	Gurbansaikhan	74	97	137	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	9	10	13
7	Tsagaandelger	71	93	130	5.6	7.0	9.1	3.9	4.8	6.3	9	10	12	9	10	12
8	Bayanjargalan	31	41	57	2.8	3.5	4.2	1.9	2.4	2.9	6	7	7	6	7	7
9	Undurshil	42	54	77	3.5	4.2	5.6	2.4	2.9	3.9	7	7	9	7	7	9
10	Ulziit	41	54	76	3.5	4.2	5.6	2.4	2.9	3.9	7	7	9	7	7	9
11	Khuld	79	104	146	5.6	7.7	10.5	3.9	5.3	7.2	9	11	13	9	11	13
12	Luus	81	106	150	6.3	7.7	10.5	4.3	5.3	7.2	9	11	13	9	11	13
13	Saikhan-Ovoo	68	90	127	4.9	6.3	9.1	3.4	4.3	6.3	8	9	12	8	9	12
14	Delgerkhantai	82	108	152	6.3	7.7	11.2	4.3	5.3	7.7	9	11	14	9	11	14
15	Erdenedalai	311	408	576	22.4	28.7	40.6	15.4	19.7	27.9	23	28	37	23	28	37
	Total	3,200	4,202	5,922	231.0	298.9	418.6	185.0	240.2	336.4	---	---	---	---	---	---

No.	Aimag/Sum	Number of Subscribers			Traffic		Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	2,819	3,701	5,217	197.4	365.4	197.4	259.7	365.4	197.4	259.7	365.4	0.02	0.02	0.02
2	Aldarkhaan	152	199	280	11.2	19.6	7.7	9.6	13.5	7.7	9.6	13.5	14	16	21
3	Asgat	39	51	72	2.8	4.2	1.9	2.9	3.9	1.9	2.9	3.9	6	7	9
4	Bayantes	75	98	138	5.6	7.0	3.9	4.8	6.7	3.9	4.8	6.7	9	10	13
5	Bayankhairkhan	48	63	89	3.5	4.9	2.4	3.4	4.3	2.4	3.4	4.3	7	8	9
6	Bulnai	599	786	1,109	42.0	55.3	28.9	38.0	53.4	28.9	38.0	53.4	38	48	64
7	Durvulzin	49	64	90	3.5	4.9	2.4	3.4	4.3	2.4	3.4	4.3	7	8	9
8	Zavkhanmandal	66	87	123	4.9	6.3	3.4	4.3	6.3	3.4	4.3	6.3	8	9	12
9	Ider	107	141	199	7.7	10.5	5.3	7.2	9.6	5.3	7.2	9.6	11	13	16
10	Ilkh-Uul	52	68	96	4.2	4.9	2.9	3.4	4.8	2.9	3.4	4.8	7	8	10
11	Numrug	51	67	94	4.2	4.9	2.9	3.4	4.8	2.9	3.4	4.8	7	8	10
12	Otgon	69	90	127	4.9	6.3	3.4	4.3	6.3	3.4	4.3	6.3	8	9	12
13	Santmargaz	47	62	88	3.5	4.9	2.4	3.4	4.3	2.4	3.4	4.3	7	8	9
14	Songino	387	508	716	27.3	35.7	18.8	24.5	34.7	18.8	24.5	34.7	27	33	44
15	Tudevtei	193	253	357	14.0	18.2	9.6	12.5	17.3	9.6	12.5	17.3	16	20	25
16	Tes	171	225	317	12.6	16.1	8.7	11.1	15.4	8.7	11.1	15.4	15	18	23
17	Teimen	49	64	91	3.5	4.9	2.4	3.4	4.8	2.4	3.4	4.8	7	8	10
18	Urgamal	47	62	87	3.5	4.9	2.4	3.4	4.3	2.4	3.4	4.3	7	8	9
19	Tsagaancharkhan	57	75	106	4.2	5.6	2.9	3.9	5.3	2.9	3.9	5.3	7	9	11
20	Tsagaanчулуут	32	42	59	2.8	3.5	1.9	2.4	2.9	1.9	2.4	2.9	6	7	7
21	Tsetsenuul	110	145	204	7.7	10.5	5.3	7.2	10.1	5.3	7.2	10.1	11	13	17
22	Shiluuste	112	146	207	8.4	10.5	5.8	7.2	10.1	5.8	7.2	10.1	11	13	17
23	Erdenekhairkhan	66	86	121	4.9	6.3	3.4	4.3	6.3	3.4	4.3	6.3	8	9	12
24	Yaruu	44	57	81	3.5	4.2	2.4	2.9	4.3	2.4	2.9	4.3	7	7	9
	Total	5,441	7,140	10,068	387.8	508.2	328.3	430.5	603.1	328.3	430.5	603.1	---	---	---

Zavkhan

Uvrukhangai

No.	Aimag/Sum	Number of Subscribers			Traffic		Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum			
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	3,437	4,513	6,361	240.8	316.4	445.9	240.8	316.4	445.9	---	---	---	---	---	---
2	Bayan-Undur	44	57	81	3.5	4.2	6.3	2.4	2.9	4.3	7	7	7	7	9	9
3	Burd	72	95	133	5.6	7.0	9.8	3.9	4.8	6.7	9	10	9	10	13	13
4	Bat-Ulzii	183	241	340	13.3	17.5	23.8	9.1	12.0	16.4	16	19	16	19	24	24
5	BB-Ulaan	42	55	77	3.5	4.2	5.6	2.4	2.9	3.9	7	7	7	7	9	9
6	Bayangol	109	143	202	7.7	10.5	14.7	5.3	7.2	10.1	11	13	11	13	17	17
7	Guchin-Uls	102	134	190	7.7	9.8	13.3	5.3	6.7	9.1	11	13	11	13	16	16
8	Zyil	157	206	290	11.2	14.7	20.3	7.7	10.1	14.0	14	17	14	17	21	21
9	Ulzit	62	81	114	4.9	6.3	8.4	3.4	4.3	5.8	8	9	8	9	11	11
10	ZB Ulaan	110	145	204	7.7	10.5	14.7	5.3	7.2	10.1	11	13	11	13	17	17
11	Bogd	97	128	180	7.0	9.1	12.6	4.8	6.3	8.7	10	12	10	12	15	15
12	Narinteel	122	160	225	9.1	11.2	16.1	6.3	7.7	11.1	12	14	12	14	18	18
13	Sant	83	109	154	6.3	7.7	11.2	4.3	5.3	7.7	9	11	9	11	14	14
14	Taragt	83	109	154	6.3	7.7	11.2	4.3	5.3	7.7	9	11	9	11	14	14
15	Tugrug	69	91	129	4.9	7.0	9.1	3.4	4.8	6.3	8	10	8	10	12	12
16	Yanga	282	370	522	20.3	25.9	37.1	14.0	17.8	25.5	21	26	21	26	34	34
17	Khar-khandulaan	52	68	96	4.2	4.9	7.0	2.9	3.4	4.8	7	8	7	8	10	10
18	Khuzirt	580	762	1,074	40.6	53.9	75.6	27.9	37.1	52.0	37	47	37	47	63	63
19	Khar-khorin	1,655	2,173	3,063	116.2	152.6	214.9	79.9	104.9	147.7	92	118	92	118	162	162
20	Bayanteeg	18	24	34	1.4	2.1	2.8	1.0	1.4	1.9	4	5	4	5	6	6
	Total	7,359	9,664	13,623	522.2	683.2	960.4	434.3	568.6	799.6	---	---	---	---	---	---

Umnogovi

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	3,613	4,744	6,688	253.4	332.5	468.3	253.4	332.5	468.3	---	---	---	---	---	---
2	Bayandalai	67	88	124	4.9	6.3	9.1	3.4	4.3	6.3	8	9	12	8	9	12
3	Bayan-Ovoo	45	58	82	3.5	4.2	6.3	2.4	2.9	4.3	7	7	9	7	7	9
4	Bulgan	108	142	200	7.7	10.5	14.0	5.3	7.2	9.6	11	13	16	11	13	16
5	Gurbantes	113	148	209	8.4	10.5	14.7	5.8	7.2	10.1	11	13	17	11	13	17
6	Mandal-Ovoo	113	149	210	8.4	10.5	14.7	5.8	7.2	10.1	11	13	17	11	13	17
7	Mantai	63	83	117	4.9	6.3	8.4	3.4	4.3	5.8	8	9	11	8	9	11
8	Nomgon	178	234	330	12.6	16.8	23.1	8.7	11.6	15.9	15	19	24	15	19	24
9	Noyon	73	96	135	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	9	10	13
10	Sevrei	58	76	108	4.2	5.6	7.7	2.9	3.9	5.3	7	9	11	7	9	11
11	Khanbogd	56	74	104	4.2	5.6	7.7	2.9	3.9	5.3	7	9	11	7	9	11
12	Khankhongor	100	131	185	7.0	9.8	13.3	4.8	6.7	9.1	10	13	16	10	13	16
13	Khurmen	49	65	92	3.5	4.9	7.0	2.4	3.4	4.8	7	8	10	7	8	10
14	Tsogt-Ovoo	42	55	78	3.5	4.2	5.6	2.4	2.9	3.9	7	7	9	7	7	9
15	Tsogttsetsii	59	78	110	4.2	5.6	7.7	2.9	3.9	5.3	7	9	11	7	9	11
16	Tavantolgoi	60	79	111	4.2	5.6	8.4	2.9	3.9	5.8	7	9	11	7	9	11
	Total	4,797	6,300	8,883	340.2	445.9	625.8	313.1	410.5	576.6	---	---	---	---	---	---

Sukhbaatar

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	3,619	4,751	6,698	253.4	333.2	469.0	253.4	333.2	469.0	253.4	333.2	469.0	---	---	---
2	Dariganga	61	81	114	4.9	6.3	8.4	3.4	4.3	5.8	3.4	4.3	5.8	8	9	11
3	Naran	62	82	115	4.9	6.3	8.4	3.4	4.3	5.8	3.4	4.3	5.8	8	9	11
4	Ongon	186	245	345	13.3	17.5	24.5	9.1	12.0	16.8	9.1	12.0	16.8	16	19	25
5	Bayandelger	140	183	259	9.8	13.3	18.2	6.7	9.1	12.5	6.7	9.1	12.5	13	16	20
6	Khalzan	88	116	164	6.3	8.4	11.9	4.3	5.8	8.2	4.3	5.8	8.2	9	11	14
7	Uulbayan	176	232	327	12.6	16.8	23.1	8.7	11.6	15.9	8.7	11.6	15.9	15	19	24
8	Munkhkhagan	217	285	402	15.4	20.3	28.7	10.6	14.0	19.7	10.6	14.0	19.7	17	21	28
9	Sukhbaatar	89	116	164	6.3	8.4	11.9	4.3	5.8	8.2	4.3	5.8	8.2	9	11	14
10	Erdenetsagaan	252	331	466	18.2	23.8	32.9	12.5	16.4	22.6	12.5	16.4	22.6	20	24	31
11	Tumentsovt	356	467	659	25.2	32.9	46.2	17.3	22.6	31.8	17.3	22.6	31.8	25	31	41
12	Tuvsinshiree	74	97	137	5.6	7.0	9.8	3.9	4.8	6.7	3.9	4.8	6.7	9	10	13
13	Asgat	90	118	166	6.3	8.4	11.9	4.3	5.8	8.2	4.3	5.8	8.2	9	11	14
14	Talbulag (uurkhai)	28	37	52	2.1	2.8	4.2	1.4	1.9	2.9	1.4	1.9	2.9	5	6	7
	Total	5,438	7,141	10,068	384.3	505.4	709.1	343.4	451.6	634.1	343.4	451.6	634.1	---	---	---

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	2,426	3,186	4,491	170.1	223.3	315.0	170.1	223.3	315.0	---	---	---	---	---	---
2	Altanbulag	241	317	447	17.5	22.4	31.5	12.0	15.4	21.7	19	23	30	23	30	30
3	Eruu	195	255	360	14.0	18.2	25.2	9.6	12.5	17.3	16	20	25	20	25	25
4	Zuunburen	101	132	187	7.7	9.8	13.3	5.3	6.7	9.1	11	13	16	13	16	16
5	Khushaat	53	70	99	4.2	4.9	7.0	2.9	3.4	4.8	7	8	10	7	8	10
6	Orkhon	81	107	151	6.3	7.7	11.2	4.3	5.3	7.7	9	11	14	9	11	14
7	Sant	113	149	210	8.4	10.5	14.7	5.8	7.2	10.1	11	13	17	11	13	17
8	Khuder	71	93	131	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	9	10	13
9	Tsagaannuur	197	258	364	14.0	18.2	25.9	9.6	12.5	17.8	16	20	26	16	20	26
10	Bugant	146	191	270	10.5	14.0	18.9	7.2	9.6	13.0	13	16	20	13	16	20
11	Orkhontuul	163	215	303	11.9	15.4	21.7	8.2	10.6	14.9	14	17	23	14	17	23
12	Baruunburen	160	210	296	11.2	14.7	21.0	7.7	10.1	14.4	14	17	22	14	17	22
13	Dulaankhaan	54	71	101	4.2	5.6	7.7	2.9	3.9	5.3	7	9	11	7	9	11
14	Javkhlant	65	85	120	4.9	6.3	8.4	3.4	4.3	5.8	8	9	11	8	9	11
15	Shaamar	262	343	484	18.9	24.5	34.3	13.0	16.8	23.6	20	25	32	20	25	32
16	Tushig	73	96	136	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	9	10	13
17	Saikhan	322	422	595	23.1	30.1	42.0	15.9	20.7	28.9	24	29	38	24	29	38
18	Khutul	783	1,028	1,449	55.3	72.1	101.5	38.0	49.6	69.8	48	60	82	48	60	82
19	Zuunkharaa (Mandal)	1,799	2,362	3,330	126.0	165.9	233.1	86.6	114.1	160.3	99	127	174	99	127	174
20	Bayangol (Baruunharaa)	351	461	649	25.2	32.9	45.5	17.3	22.6	31.3	25	31	41	25	31	41
21	Tunkhel	14	17	24	1.4	1.4	2.1	1.0	1.0	1.4	4	4	5	4	4	5
	Total	7,670	10,068	14,197	546.0	711.9	999.6	428.5	559.2	785.7	---	---	---	---	---	---

Selenge

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	3,452	4,533	6,390	242.2	317.8	447.3	242.2	317.8	447.3	---	---	---	---	---	---
2	Altanbulag	73	96	136	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	9	10	13
3	Argalant	111	146	206	8.4	10.5	14.7	5.8	7.2	10.1	11	13	17	11	13	17
4	Batsumber	175	230	324	12.6	16.1	23.1	8.7	11.1	15.9	15	18	24	15	18	24
5	Bayan	146	192	271	10.5	14.0	19.6	7.2	9.6	13.5	13	16	21	13	16	21
6	Bayan-Unzuul	29	38	53	2.1	2.8	4.2	1.4	1.9	2.9	5	6	7	5	6	7
7	Bayanjargalan	69	90	127	4.9	6.3	9.1	3.4	4.3	6.3	8	9	12	8	9	12
8	Bayankhangai	97	127	180	7.0	9.1	12.6	4.8	6.3	8.7	10	12	15	10	12	15
9	Bayantsagaan	72	95	134	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	9	10	13
10	Bayantsogt	158	207	292	11.2	14.7	21.0	7.7	10.1	14.4	14	17	22	14	17	22
11	Bornuur	230	301	425	16.1	21.7	30.1	11.1	14.9	20.7	18	23	29	18	23	29
12	Buren	75	99	139	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	9	10	13
13	Deigerkhaan	82	108	152	6.3	7.7	11.2	4.3	5.3	7.7	9	11	14	9	11	14
14	Jargalant	404	530	747	28.7	37.1	52.5	19.7	25.5	36.1	28	34	46	28	34	46
15	Zaamar	230	302	426	16.1	21.7	30.1	11.1	14.9	20.7	18	23	29	18	23	29
16	Lun	292	384	541	21.0	27.3	38.5	14.4	18.8	26.5	22	27	36	22	27	36
17	Undurshireet	65	86	121	4.9	6.3	9.1	3.4	4.3	6.3	8	9	12	8	9	12
18	Sergelen	55	72	101	4.2	5.6	7.7	2.9	3.9	5.3	7	9	11	7	9	11
19	Sumber	117	153	216	8.4	11.2	15.4	5.8	7.7	10.6	11	14	17	11	14	17
20	Ugtaal	210	276	389	14.7	19.6	27.3	10.1	13.5	18.8	17	21	27	17	21	27
21	Tseel	231	303	427	16.8	21.7	30.1	11.6	14.9	20.7	19	23	29	19	23	29
22	Erdene	104	137	193	7.7	9.8	14.0	5.3	6.7	9.6	11	13	16	11	13	16
23	Erdencesant	287	377	531	20.3	26.6	37.8	14.0	18.3	26.0	21	26	35	21	26	35
24	Arkhus	73	96	135	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	9	10	13
25	Bayanchandmani	306	402	567	21.7	28.7	39.9	14.9	19.7	27.4	23	28	37	23	28	37
26	Zanchivilan	12	16	22	1.4	1.4	2.1	1.0	1.0	1.4	4	4	5	4	4	5
27	Bayandelger	127	167	236	9.1	11.9	16.8	6.3	8.2	11.6	12	14	19	12	14	19
28	Mungunmorit	75	99	140	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	9	10	13
	Total	7,357	9,662	13,621	524.3	684.6	963.2	436.1	570.0	802.0	---	---	---	---	---	---

Tuv

Uvs

No.	Aimag/Sum	Number of Subscribers			Traffic		Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum			
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	3,384	4,443	6,264	237.3	311.5	438.9	237.3	311.5	438.9	---	---	---	---	---	---
2	Baruunturuun	148	194	274	10.5	14.0	19.6	7.2	9.6	13.5	13	16	21	13	16	21
3	Bokhmurun	52	68	95	4.2	4.9	7.0	2.9	3.4	4.8	7	8	10	7	8	10
4	Davst	37	49	69	2.8	3.5	4.9	1.9	2.4	3.4	6	7	8	6	7	8
5	Zavkhan	54	71	100	4.2	5.6	7.0	2.9	3.9	4.8	7	9	10	7	9	10
6	Zuungobi	37	49	69	2.8	3.5	4.9	1.9	2.4	3.4	6	7	8	6	7	8
7	Zuunkhangai	43	56	79	3.5	4.2	5.6	2.4	2.9	3.9	7	7	9	7	7	9
8	Malchin	44	58	82	3.5	4.2	6.3	2.4	2.9	4.3	7	7	9	7	7	9
9	Naranbulag	52	69	97	4.2	4.9	7.0	2.9	3.4	4.8	7	8	10	7	8	10
10	Ulgii	34	45	63	2.8	3.5	4.9	1.9	2.4	3.4	6	7	8	6	7	8
11	Umnugobi	71	94	132	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	9	10	13
12	Undurkhangai	89	117	165	6.3	8.4	11.9	4.3	5.8	8.2	9	11	14	9	11	14
13	Sagil	48	63	89	3.5	4.9	6.3	2.4	3.4	4.3	7	8	9	7	8	9
14	Tarialan	121	160	225	9.1	11.2	16.1	6.3	7.7	11.1	12	14	18	12	14	18
15	Turgen	47	62	88	3.5	4.9	6.3	2.4	3.4	4.3	7	8	9	7	8	9
16	Tes	51	67	95	4.2	4.9	7.0	2.9	3.4	4.8	7	8	10	7	8	10
17	Kharkhira	12	16	23	1.4	1.4	2.1	1.0	1.0	1.4	4	4	5	4	4	5
18	Khoyd	24	32	45	2.1	2.8	3.5	1.4	1.9	2.4	5	6	7	5	6	7
19	Khyargas	42	55	78	3.5	4.2	5.6	2.4	2.9	3.9	7	7	9	7	7	9
20	Tsagaankhairkhan	86	113	160	6.3	8.4	11.2	4.3	5.8	7.7	9	11	14	9	11	14
	Total	4,476	5,881	8,292	321.3	417.9	585.9	295.1	384.7	540.0	---	---	---	---	---	---

No.	Aimags/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	4,327	5,681	8,009	303.1	398.3	560.7	303.1	398.3	560.7	---	---	---	---	---	---
2	Altai	73	96	136	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	10	10	13
3	Bulgan	339	445	628	23.8	31.5	44.1	16.4	21.7	30.3	24	30	40	24	30	40
4	Buyant	110	144	203	7.7	10.5	14.7	5.3	7.2	10.1	11	13	17	11	13	17
5	Darvi	133	174	246	9.8	12.6	17.5	6.7	8.7	12.0	13	15	19	13	15	19
6	Durgun	105	138	194	7.7	9.8	14.0	5.3	6.7	9.6	11	13	16	11	13	16
7	Duut	39	52	73	2.8	4.2	5.6	1.9	2.9	3.9	6	7	9	6	7	9
8	Zereg	87	114	161	6.3	8.4	11.9	4.3	5.8	8.2	9	11	14	9	11	14
9	Mankhan	127	167	236	9.1	11.9	16.8	6.3	8.2	11.6	12	14	19	12	14	19
10	Munkhkhagan	26	34	48	2.1	2.8	3.5	1.4	1.9	2.4	5	6	7	5	6	7
11	Must	118	155	219	8.4	11.2	15.4	5.8	7.7	10.6	11	14	17	11	14	17
12	Myngad	75	99	139	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	9	10	13
13	Uench	212	279	393	15.4	19.6	28.0	10.6	13.5	19.3	17	21	27	17	21	27
14	Khovd	70	92	130	4.9	7.0	9.1	3.4	4.8	6.3	8	10	12	8	10	12
15	Tsetseg	95	125	176	7.0	9.1	12.6	4.8	6.3	8.7	10	12	15	10	12	15
16	Chandman	70	91	129	4.9	7.0	9.1	3.4	4.8	6.3	8	10	12	8	10	12
17	Erdeneburen	71	94	132	5.6	7.0	9.8	3.9	4.8	6.7	9	10	13	9	10	13
	Total	6,077	7,980	11,252	429.8	564.9	792.4	390.2	512.8	720.0	---	---	---	---	---	---

Khovd

No.	Aimags/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	7,472	9,810	13,829	523.6	686.7	968.1	523.6	686.7	968.1	---	---	---	---	---	---
2	Alag-Erdene	110	145	204	7.7	10.5	14.7	5.3	7.2	10.1	11	13	17	13	17	17
3	Arbulag	175	229	323	12.6	16.1	23.1	8.7	11.1	15.9	15	18	24	15	18	24
4	Bayanzurkh	135	177	249	9.8	12.6	17.5	6.7	8.7	12.0	13	15	19	13	15	19
5	Burentogtokh	214	281	396	15.4	20.3	28.0	10.6	14.0	19.3	17	21	27	17	21	27
6	Burenkhaan	31	41	58	2.8	3.5	4.2	1.9	2.4	2.9	6	7	7	6	7	7
7	Galt	100	131	184	7.0	9.8	13.3	4.8	6.7	9.1	10	13	16	10	13	16
8	Jargalant	193	254	357	14.0	18.2	25.2	9.6	12.5	17.3	16	20	25	16	20	25
9	Ikh-Uul	228	299	422	16.1	21.0	30.1	11.1	14.4	20.7	18	22	29	18	22	29
10	Rashaant	148	195	275	10.5	14.0	19.6	7.2	9.6	13.5	13	16	21	13	16	21
11	Renchimkhumbе	149	196	276	10.5	14.0	19.6	7.2	9.6	13.5	13	16	21	13	16	21
12	Tarialan	525	690	972	37.1	48.3	68.6	25.5	33.2	47.2	34	43	58	34	43	58
13	Tosontsengel	148	195	274	10.5	14.0	19.6	7.2	9.6	13.5	13	16	21	13	16	21
14	Tumurbulag	134	177	249	9.8	12.6	17.5	6.7	8.7	12.0	13	15	19	13	15	19
15	Tunel	118	155	218	8.4	11.2	15.4	5.8	7.7	10.6	11	14	17	11	14	17
16	Ulaan-Uul	144	190	267	10.5	13.3	18.9	7.2	9.1	13.0	13	16	20	13	16	20
17	Khankh	133	175	247	9.8	12.6	17.5	6.7	8.7	12.0	13	15	19	13	15	19
18	Khatgal	330	434	611	23.1	30.8	43.4	15.9	21.2	29.8	24	30	39	24	30	39
19	Tsagaannuur	88	115	163	6.3	8.4	11.9	4.3	5.8	8.2	9	11	14	9	11	14
20	Tsagaan	259	340	480	18.2	23.8	33.6	12.5	16.4	23.1	20	24	32	20	24	32
21	Tsagaan-Uur	118	156	219	8.4	11.2	15.4	5.8	7.7	10.6	11	14	17	11	14	17
22	Tsetserleg	149	195	275	10.5	14.0	19.6	7.2	9.6	13.5	13	16	21	13	16	21
23	Chandman Undur	156	205	289	11.2	14.7	20.3	7.7	10.1	14.0	14	17	21	14	17	21
24	Shine-Ider	129	170	240	9.1	11.9	16.8	6.3	8.2	11.6	12	14	19	12	14	19
25	Erdenebulgan	128	169	238	9.1	11.9	16.8	6.3	8.2	11.6	12	14	19	12	14	19
	Total	11,514	15,124	21,315	812	1,065	1,499	722	947	1,333	---	---	---	---	---	---

Khuvsdul

Khentii

No.	Aimags/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	3,107	4,080	5,751	217.7	285.6	403.2	217.7	285.6	403.2	217.7	285.6	403.2	---	---	---
2	Galshar	49	64	90	3.5	4.9	6.3	2.4	3.4	4.3	2.4	3.4	4.3	7	8	9
3	Bayankhutaigt	99	131	184	7.0	9.8	13.3	4.8	6.7	9.1	4.8	6.7	9.1	10	13	16
4	Darkhan	52	68	96	4.2	4.9	7.0	2.9	3.4	4.8	2.9	3.4	4.8	7	8	10
5	Bayanmunkh	73	96	135	5.6	7.0	9.8	3.9	4.8	6.7	3.9	4.8	6.7	9	10	13
6	Delgerkhaan	136	178	251	9.8	12.6	18.2	6.7	8.7	12.5	6.7	8.7	12.5	13	15	20
7	Jargaltkhaan	103	135	190	7.7	9.8	13.3	5.3	6.7	9.1	5.3	6.7	9.1	11	13	16
8	Tsenkhermandal	55	72	102	4.2	5.6	7.7	2.9	3.9	5.3	2.9	3.9	5.3	7	9	11
9	Murun	83	109	154	6.3	7.7	11.2	4.3	5.3	7.7	4.3	5.3	7.7	9	11	14
10	Umnudelger	248	326	459	17.5	23.1	32.2	12.0	15.9	22.1	12.0	15.9	22.1	19	24	31
10		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	Bayanadranga	91	120	168	7.0	8.4	11.9	4.8	5.8	8.2	4.8	5.8	8.2	10	11	14
12	Binder	156	204	288	11.2	14.7	20.3	7.7	10.1	14.0	7.7	10.1	14.0	14	17	21
13	Batshireet	78	103	145	5.6	7.7	10.5	3.9	5.3	7.2	3.9	5.3	7.2	9	11	13
14	Batorov	79	104	146	5.6	7.7	10.5	3.9	5.3	7.2	3.9	5.3	7.2	9	11	13
15	Berkh	302	397	559	21.7	28.0	39.2	14.9	19.3	27.0	14.9	19.3	27.0	23	27	36
16	Bayan-Ovoo	52	68	96	4.2	4.9	7.0	2.9	3.4	4.8	2.9	3.4	4.8	7	8	10
17	Khajuu-Ulaan	157	206	291	11.2	14.7	21.0	7.7	10.1	14.4	7.7	10.1	14.4	14	17	22
18	Norovlin	86	113	160	6.3	8.4	11.2	4.3	5.8	7.7	4.3	5.8	7.7	9	11	14
19	Dadal	126	166	234	9.1	11.9	16.8	6.3	8.2	11.6	6.3	8.2	11.6	12	14	19
20	Ulzeit	102	134	189	7.7	9.8	13.3	5.3	6.7	9.1	5.3	6.7	9.1	11	13	16
21	Gurbanbulag	80	105	149	5.6	7.7	10.5	3.9	5.3	7.2	3.9	5.3	7.2	9	11	13
22	Bor-Undur	1,403	1,843	2,598	98.7	129.5	182.0	67.9	89.0	125.1	67.9	89.0	125.1	80	102	139
	Total	6,717	8,822	12,435	290.5	379.4	534.1	396	519	729	396	519	729	---	---	---

Durkhan-Uul

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	5,057	6,640	9,360	354.2	464.8	655.2	354.2	464.8	655.2	---	---	---	---	---	---
2	Sharin gol	483	635	895	34.3	44.8	63.0	23.6	30.8	43.3	32	40	54			
3	Khongor	131	172	242	9.8	12.6	17.5	6.7	8.7	12.0	13	15	19			
4	Orkhon	87	115	162	6.3	8.4	11.9	4.3	5.8	8.2	9	11	14			
5	Salkhit	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Total	5,758	7,562	10,659	404.6	530.6	747.6	388.9	510.0	718.7	---	---	---	---	---	---

Note: Salkhit is to be merged to Orkhon.

Orkhon

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center (Erdenet)	30,006	39,400	55,542	2100.7	2758.0	3888.5	2100.7	2758.0	3888.5	---	---	---	---	---	---
2	Jargalant	4,223	5,545	7,817	296.1	388.5	547.4	203.6	267.1	376.3	218	282	391			
3	Ulaantolgoi	419	519	712	---	---	---	---	---	---	---	---	---	---	---	---
	Total	34,648	45,464	64,071	2,396.8	3,146.5	4,435.9	2,304.3	3,025.1	4,264.8	---	---	---	---	---	---

Note: Ulaantolgoi is to be merged to Jargalant.

Govisumber

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Aimag center	697	915	1,291	49.0	64.4	91.0	49.0	64.4	91.0	64.4	91.0	---	---	---	
2	Shiveegobi	231	304	428	16.8	21.7	30.1	11.6	14.9	20.7	14.9	20.7	19	23	29	
3	Bayntal	31	41	58	2.8	3.5	4.2	1.9	2.4	2.9	2.4	2.9	6	7	7	
	Total	959	1,260	1,777	68.6	89.6	125.3	62.5	81.7	114.6	81.7	114.6	---	---	---	

Nalaikh

No.	Aimag/Sum	Number of Subscribers			Traffic			Per-line= 0.07			Traffic to/from Aimag			Circuits between Aimag and Sum		
		2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020	2008	2013	2020
1	Nalaikh city	4,533	5,953	8,392	317.8	417.2	588.0	317.8	417.2	588.0	417.2	588.0	---	---	---	
2	Terelj	246	322	455	17.5	23.1	32.2	12.0	15.9	22.1	15.9	22.1	19	24	31	
3	Shokhoi	55	73	103	4.2	5.6	7.7	2.9	3.9	5.3	3.9	5.3	7	9	11	
4	Arjanchivlan	55	73	103	4.2	5.6	7.7	2.9	3.9	5.3	3.9	5.3	7	9	11	
5	Nisekh/GORDOK/	45	59	83	3.5	4.2	6.3	2.4	2.9	4.3	2.9	4.3	7	7	9	
	Total	4,934	6,480	9,136	347.2	455.7	641.9	338.0	443.7	625.1	443.7	625.1	---	---	---	

No.	Aimag/Sum	Number of Subscribers			Traffic		Per-line= 0.07			Traffic to/from Aimag			Circuits to/from Host Switch		
		2008	2013	2020	2008	2013	2013	2020	2008	2013	2020	2008	2013	2020	
1	Baganuur city	4,360	5,725	8,070	305.2	401.1	401.1	564.9	305.2	401.1	564.9	---	---	---	
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	Total	4,360	5,725	8,070	305.2	401.1	401.1	564.9	305.2	401.1	564.9	---	---	---	

Baganuur

6.3 Traffic Matrix between Aimag Centres

From/To	Arkhangai	Bayan-Olgii	Bayankhongor	Bulgan	Govi-Altai	Dornogovi	Dornod	Dundgovi	Zavkhan	Uvurkhangai	Omnogovi	Sukhbaatar	Selenge
Arkhangai	0	4.171	11.580	3.978	4.992	2.482	1.667	1.636	5.369	7.395	3.039	2.256	2.507
Bayan-Olgii	4.174	0	3.837	1.251	4.038	1.526	1.162	0.740	3.763	2.106	1.852	1.487	1.248
Bayankhongor	11.583	3.835	0	2.106	5.888	2.761	1.549	1.894	4.206	11.494	4.441	2.200	1.746
Bulgan	3.981	1.251	2.107	0	1.088	0.862	0.694	0.527	1.157	1.559	0.865	0.894	1.848
Govi-Altai	4.995	4.037	5.890	1.088	0	1.321	0.854	0.728	5.395	2.558	1.920	1.156	0.955
Dornogovi	2.482	1.524	2.760	0.861	1.320	0	1.821	1.628	1.070	2.041	2.955	3.584	0.995
Dornod	1.666	1.161	1.549	0.694	0.853	1.821	0	0.620	0.750	1.101	1.115	5.071	0.996
Dundgovi	1.634	0.739	1.892	0.526	0.726	1.626	0.619	0	0.596	1.746	1.458	1.005	0.536
Zavkhan	5.372	3.762	4.207	1.157	5.395	1.071	0.751	0.597	0	2.087	1.387	0.991	0.957
Uvurkhangai	7.393	2.103	11.489	1.557	2.555	2.041	1.101	1.747	2.085	0	2.867	1.596	1.276
Omnogovi	3.040	1.851	4.441	0.864	1.919	2.956	1.116	1.460	1.386	2.869	0	1.734	0.876
Sukhbaatar	2.256	1.485	2.199	0.893	1.155	3.584	5.070	1.006	0.991	1.597	1.733	0	1.191
Selenge	2.507	1.247	1.746	1.846	0.955	0.995	0.996	0.536	0.956	1.276	0.875	1.191	0
Tuv	0.048	0.021	0.039	0.024	0.018	0.028	0.023	0.018	0.017	0.033	0.022	0.032	0.032
Uvs	2.607	12.088	2.239	0.812	2.203	0.898	0.709	0.440	2.318	1.256	1.054	0.896	0.810
Khovd	3.688	16.667	3.456	1.034	4.232	1.237	0.906	0.617	3.846	1.830	1.562	1.175	0.993
Khuvsgul	10.594	6.033	6.231	4.311	4.367	2.331	1.918	1.274	5.618	3.868	2.531	2.407	3.419
Khentii	2.140	1.237	1.985	0.906	0.996	2.561	2.829	0.988	0.874	1.513	1.407	4.947	1.258
Darkhan-Uul	4.961	2.578	3.435	3.584	1.928	1.918	1.938	1.019	1.952	2.466	1.712	2.294	21.037
Orkhon	19.808	7.564	11.868	30.406	6.255	5.517	4.738	3.255	6.498	8.797	5.272	5.985	17.637
Govisumber	0.438	0.228	0.441	0.166	0.200	0.689	0.296	0.340	0.170	0.359	0.340	0.543	0.197
Nalaikh	0.287	0.128	0.242	0.134	0.111	0.189	0.142	0.122	0.101	0.203	0.141	0.206	0.168
Baganuur	0.721	0.356	0.624	0.333	0.299	0.569	0.490	0.310	0.269	0.502	0.386	0.707	0.463
Ulaanbaatar	39.841	10.122	28.410	24.524	10.704	20.110	15.830	16.490	10.503	27.640	13.703	22.999	33.065
TOTAL	136.216	84.189	112.665	83.057	62.198	59.093	47.219	37.990	59.888	86.293	52.636	65.355	94.211

From/To	Tuv	Uvs	Khovd	Khuvs gul	Khentii	Darkhan-Uul	Orkhon	Govisumber	Nalaikh	Baganuur	Ulaanbaatar	TOTAL
Arkhangai	0.049	2.605	3.685	10.589	2.143	4.961	19.836	0.439	0.288	0.723	39.681	136.072
Bayan-Olgii	0.021	12.089	16.668	6.035	1.240	2.581	7.580	0.228	0.129	0.358	10.089	84.202
Bayankhongor	0.039	2.238	3.454	6.230	1.988	3.436	11.888	0.442	0.244	0.626	28.303	112.591
Bulgan	0.024	0.812	1.034	4.312	0.908	3.587	30.467	0.167	0.135	0.335	24.439	83.049
Govii-Altai	0.018	2.202	4.231	4.368	0.998	1.930	6.268	0.200	0.112	0.300	10.668	62.193
Dornogovi	0.028	0.897	1.235	2.329	2.564	1.917	5.523	0.690	0.190	0.570	20.025	59.011
Dornod	0.023	0.708	0.905	1.917	2.833	1.938	4.744	0.296	0.143	0.491	15.764	47.161
Dundgovi	0.018	0.440	0.616	1.273	0.988	1.018	3.256	0.341	0.122	0.311	16.409	37.894
Zavkhan	0.017	2.317	3.845	5.619	0.876	1.954	6.511	0.171	0.101	0.270	10.467	59.881
Uvurkhangai	0.033	1.254	1.828	3.866	1.514	2.466	8.807	0.359	0.204	0.503	27.522	86.170
Omnogovi	0.022	1.053	1.561	2.530	1.410	1.713	5.280	0.340	0.141	0.388	13.652	52.602
Sukhbaatar	0.032	0.895	1.174	2.406	4.953	2.294	5.992	0.543	0.206	0.710	22.902	65.265
Selenge	0.032	0.809	0.992	3.417	1.259	21.036	17.659	0.197	0.169	0.465	32.926	94.088
Tuv	0	0.013	0.017	0.046	0.042	0.055	0.171	0.008	0.023	0.030	90.546	91.306
Uvs	0.013	0	6.166	4.290	0.757	1.687	4.927	0.137	0.080	0.221	6.619	53.227
Khovd	0.017	6.166	0	4.946	0.989	2.045	6.175	0.186	0.105	0.289	8.655	70.816
Khuvs gul	0.046	4.288	4.945	0	2.220	7.323	24.542	0.400	0.266	0.713	32.507	132.153
Khentii	0.042	0.755	0.987	2.216	0	2.357	6.192	0.647	0.282	1.169	39.760	78.048
Darkhan-Uul	0.056	1.686	2.043	7.319	2.360	0	33.106	0.371	0.302	0.836	53.419	152.320
Orkhon	0.171	4.917	6.162	24.497	6.192	33.063	0	1.086	0.921	2.326	179.340	392.274
Govisumber	0.008	0.137	0.185	0.399	0.647	0.370	1.087	0	0.055	0.169	7.449	14.914
Nalaikh	0.023	0.079	0.104	0.265	0.282	0.300	0.918	0.055	0	0.228	49.874	54.304
Baganuur	0.030	0.220	0.288	0.711	1.167	0.833	2.321	0.168	0.228	0	43.719	55.714
Ulaanbaatar	91.365	6.641	8.683	32.624	39.977	53.641	180.317	7.488	50.297	44.045	0	789.019
TOTAL	92.128	53.222	70.810	132.204	78.307	152.507	393.568	14.961	54.743	56.076	784.738	2864.272

From/To	Arkhangai	Bayan-Olgii	Bayankhongor	Bulgan	Govi-Altai	Domogovi	Domod	Dundgovi	Zavkhan	Uvurkhanga	Omnogovi	Sukhbaatar	Selenge
Arkhangai	0	5.325	14.484	4.279	6.039	3.180	1.856	1.733	6.523	8.807	3.907	2.628	2.621
Bayan-Olgii	5.330	0	5.239	1.469	5.332	2.134	1.413	0.856	4.990	2.738	2.599	1.890	1.424
Bayankhongor	14.487	5.236	0	2.422	7.617	3.782	1.845	2.145	5.464	14.639	6.105	2.740	1.953
Bulgan	4.282	1.469	2.423	0	1.211	1.015	0.711	0.513	1.292	1.707	1.022	0.958	1.777
Govi-Altai	6.042	5.331	7.620	1.211	0	1.751	0.984	0.797	6.779	3.150	2.553	1.392	1.033
Domogovi	3.179	2.132	3.780	1.014	1.750	0	2.221	1.888	1.424	2.663	4.160	4.571	1.139
Domod	1.855	1.411	1.844	0.710	0.983	2.221	0	0.625	0.868	1.248	1.365	5.622	0.992
Dundgovi	1.731	0.854	2.143	0.513	0.796	1.887	0.624	0	0.656	1.883	1.698	1.060	0.508
Zavkhan	6.527	4.989	5.466	1.292	6.779	1.426	0.868	0.657	0	2.581	1.852	1.199	1.039
Uvurkhanga	8.804	2.735	14.631	1.706	3.148	2.663	1.248	1.884	2.579	0	3.753	1.893	1.358
Omnogovi	3.907	2.598	6.105	1.022	2.552	4.162	1.365	1.700	1.851	3.755	0	2.219	1.006
Sukhbaatar	2.627	1.888	2.738	0.957	1.391	4.571	5.621	1.061	1.198	1.893	2.218	0	1.240
Selenge	2.621	1.423	1.952	1.775	1.032	1.139	0.992	0.508	1.038	1.358	1.006	1.240	0
Tuv	0.054	0.026	0.047	0.025	0.021	0.034	0.024	0.018	0.019	0.037	0.027	0.035	0.031
Uvs	3.003	15.204	2.758	0.860	2.625	1.133	0.778	0.460	2.774	1.473	1.334	1.028	0.834
Khovd	4.398	21.699	4.407	1.134	5.220	1.615	1.028	0.666	4.765	2.222	2.048	1.395	1.059
Khuvsgul	13.021	8.095	8.190	4.874	5.552	3.138	2.245	1.419	7.173	4.842	3.419	2.946	3.757
Khentii	2.670	1.685	2.649	1.039	1.285	3.500	3.361	1.116	1.134	1.922	1.930	6.147	1.403
Darkhan-Uul	6.082	3.451	4.504	4.042	2.445	2.576	2.263	1.132	2.487	3.079	2.308	2.801	23.059
Orkhon	24.132	10.060	15.463	34.069	7.883	7.362	5.495	3.592	8.224	10.914	7.059	7.260	19.209
Govisumber	0.405	0.230	0.436	0.142	0.191	0.698	0.260	0.285	0.163	0.338	0.346	0.500	0.163
Nalaikh	0.440	0.214	0.397	0.189	0.176	0.318	0.208	0.169	0.161	0.317	0.237	0.314	0.230
Baganuur	0.806	0.435	0.746	0.343	0.345	0.696	0.521	0.314	0.313	0.571	0.475	0.788	0.463
Ulaanbaatar	48.091	13.338	36.674	27.224	13.364	26.590	18.192	18.028	13.170	33.973	18.181	27.643	35.678
TOTAL	164.497	109.830	144.697	92.310	77.738	77.594	54.123	41.564	75.046	106.111	69.600	78.267	101.976

From/To	Tuv	Uvs	Khovd	Khovsgul	Khentii	Darkhan-Uul	Orkhon	Govisumber	Nalaikh	Baganuur	Ulaanbaatar	TOTAL
Arkhangai	0.054	3.001	4.394	13.016	2.674	6.083	24.168	0.406	0.442	0.809	47.891	164.320
Bayan-Olgii	0.026	15.205	21.700	8.099	1.689	3.454	10.083	0.230	0.216	0.437	13.294	109.847
Bayankhongor	0.047	2.757	4.405	8.189	2.654	4.506	15.490	0.437	0.399	0.749	36.530	144.597
Bulgan	0.025	0.860	1.134	4.874	1.042	4.045	34.141	0.142	0.190	0.344	27.128	92.304
Govii-Aitai	0.021	2.625	5.219	5.553	1.288	2.447	7.900	0.192	0.177	0.347	13.317	77.731
Dornogovi	0.035	1.132	1.614	3.136	3.505	2.575	7.372	0.699	0.319	0.699	26.473	77.480
Dornod	0.024	0.777	1.027	2.243	3.366	2.263	5.503	0.260	0.209	0.523	18.114	54.054
Dundgovi	0.018	0.459	0.665	1.417	1.117	1.131	3.594	0.285	0.170	0.315	17.936	41.456
Zavkhan	0.020	2.774	4.764	7.174	1.136	2.489	8.242	0.164	0.161	0.314	13.123	75.036
Uvurkhangai	0.037	1.472	2.220	4.839	1.925	3.079	10.927	0.338	0.319	0.573	33.824	105.955
Omnogovi	0.027	1.334	2.047	3.419	1.934	2.308	7.072	0.346	0.238	0.476	18.110	69.552
Sukhbaatar	0.035	1.027	1.394	2.944	6.155	2.801	7.269	0.500	0.315	0.790	27.522	78.156
Selenge	0.032	0.833	1.058	3.755	1.405	23.059	19.234	0.163	0.231	0.464	35.525	101.844
Tuv	0	0.014	0.020	0.053	0.049	0.065	0.198	0.007	0.034	0.032	103.790	104.659
Uvs	0.015	0	7.244	5.194	0.930	2.038	5.914	0.125	0.120	0.243	7.870	63.958
Khovd	0.020	7.244	0	6.199	1.259	2.556	7.673	0.175	0.164	0.329	10.652	87.927
Khovsgul	0.054	5.192	6.197	0	2.912	9.437	31.427	0.388	0.429	0.839	41.234	166.782
Khentii	0.050	0.928	1.256	2.906	0	3.084	8.050	0.639	0.462	1.395	51.201	99.814
Darkhan-Uul	0.065	2.036	2.554	9.432	3.088	0	42.291	0.360	0.484	0.980	67.594	189.111
Orkhon	0.198	5.901	7.655	31.367	8.050	42.234	0	1.047	1.470	2.710	225.482	486.837
Govisumber	0.007	0.125	0.175	0.388	0.639	0.359	1.047	0	0.067	0.149	7.108	14.220
Nalaikh	0.034	0.119	0.163	0.427	0.460	0.482	1.465	0.067	0	0.333	78.861	85.782
Baganuur	0.032	0.242	0.328	0.835	1.392	0.977	2.704	0.149	0.334	0	50.449	64.258
Ulaanbaatar	104.758	7.897	10.688	41.388	51.492	67.887	226.760	7.147	79.551	50.837	0	978.547
TOTAL	105.630	63.952	87.920	166.848	100.160	189.361	488.524	14.266	86.500	64.688	973.027	3534.227

From/To	Arkhangai	Bayan-Olgii	Bayankhongor	Bulgan	Govii-Altai	Domogovi	Dornod	Dundgovi	Zavkhan	Uvurkhangai	Omnogovi	Sukhbaatar	Selenge
Arkhangai	0	6.819	17.575	4.711	7.325	3.703	2.389	2.068	7.960	9.814	4.879	3.155	2.993
Bayan-Olgii	6.825	0	6.714	1.708	6.831	2.624	1.920	1.079	6.431	3.221	3.428	2.397	1.717
Bayankhongor	17.580	6.709	0	2.668	9.246	4.407	2.377	2.562	6.672	16.323	7.630	3.292	2.231
Bulgan	4.714	1.707	2.670	0	1.333	1.073	0.831	0.556	1.432	1.727	1.159	1.044	1.841
Govii-Altai	7.330	6.829	9.250	1.333	0	2.040	1.267	0.952	8.276	3.512	3.189	1.672	1.180
Dornogovi	3.702	2.621	4.405	1.072	2.038	0	2.745	2.164	1.669	2.849	4.989	5.270	1.249
Dornod	2.389	1.918	2.376	0.830	1.266	2.746	0	0.792	1.124	1.477	1.810	7.166	1.202
Dundgovi	2.066	1.077	2.559	0.555	0.950	2.162	0.791	0	0.787	2.065	2.087	1.252	0.570
Zavkhan	7.965	6.429	6.675	1.432	8.275	1.670	1.125	0.789	0	2.895	2.327	1.449	1.194
Uvurkhangai	9.811	3.218	16.315	1.725	3.509	2.849	1.477	2.067	2.892	0	4.307	2.089	1.425
Omnogovi	4.880	3.426	7.630	1.159	3.188	4.992	1.811	2.089	2.326	4.310	0	2.744	1.183
Sukhbaatar	3.154	2.394	3.290	1.043	1.671	5.270	7.165	1.253	1.448	2.089	2.742	0	1.402
Selenge	2.992	1.716	2.230	1.840	1.179	1.249	1.202	0.571	1.193	1.425	1.183	1.402	0
Tuv	0.055	0.028	0.048	0.023	0.022	0.034	0.026	0.018	0.020	0.035	0.028	0.036	0.030
Uvs	3.839	20.525	3.529	0.999	3.357	1.391	1.055	0.578	3.569	1.731	1.757	1.301	1.004
Khovd	5.445	28.370	5.460	1.275	6.465	1.921	1.352	0.812	5.936	2.529	2.611	1.710	1.235
Khuysgul	15.469	10.155	9.736	5.256	6.598	3.580	2.831	1.659	8.575	5.286	4.184	3.466	4.203
Khentii	2.904	1.935	2.882	1.026	1.398	3.655	3.881	1.194	1.240	1.921	2.162	6.619	1.436
Darkhan-Uul	7.523	4.507	5.574	4.538	3.026	3.059	2.972	1.377	3.095	3.500	2.940	3.430	26.854
Orkhon	30.819	13.566	19.761	39.497	10.070	9.028	7.451	4.514	10.569	12.808	9.286	9.180	23.098
Govisumber	0.471	0.282	0.507	0.149	0.222	0.779	0.321	0.326	0.191	0.361	0.413	0.574	0.178
Nalaikh	0.432	0.222	0.391	0.168	0.173	0.300	0.217	0.164	0.159	0.286	0.240	0.305	0.213
Baganuur	0.979	0.558	0.907	0.378	0.420	0.812	0.672	0.375	0.382	0.637	0.594	0.947	0.529
Ulaanbaatar	68.042	19.927	51.923	34.966	18.915	36.123	27.327	25.103	18.750	44.171	26.494	38.725	47.530
TOTAL	209.388	144.938	182.407	108.349	97.476	95.465	73.205	53.062	94.696	124.970	90.441	99.223	124.498

From/To	Tuv	Uvs	Khovd	Khuvsgul	Khentii	Darkhan-Uul	Orkhon	Govisumber	Nalaikh	Baganuur	Ulaanbaatar	TOTAL
Arkhangai	0.056	3.836	5.441	15.462	2.908	7.524	30.868	0.471	0.434	0.983	67.755	209.129
Bayan-Olgii	0.028	20.526	28.371	10.159	1.940	4.512	13.599	0.283	0.224	0.561	19.860	144.956
Bayankhongor	0.048	3.526	5.457	9.734	2.888	5.577	19.798	0.508	0.393	0.910	51.716	182.252
Bulgan	0.023	0.998	1.274	5.257	1.028	4.542	39.586	0.150	0.169	0.379	34.842	108.336
Govii-Altai	0.022	3.356	6.464	6.600	1.401	3.028	10.093	0.223	0.174	0.421	18.848	97.461
Dornogovi	0.034	1.390	1.918	3.577	3.659	3.058	9.040	0.780	0.301	0.815	35.961	95.304
Dornod	0.026	1.054	1.351	2.829	3.886	2.972	7.462	0.321	0.218	0.674	27.207	73.095
Dundgovi	0.018	0.577	0.810	1.656	1.195	1.376	4.517	0.326	0.164	0.376	24.972	52.910
Zavkhan	0.020	3.568	5.935	8.576	1.243	3.098	10.593	0.191	0.160	0.384	18.683	94.677
Uvurkhangai	0.035	1.729	2.526	5.282	1.923	3.500	12.825	0.361	0.288	0.639	43.973	124.764
Omngovi	0.028	1.756	2.610	4.183	2.166	2.941	9.303	0.414	0.241	0.596	26.388	90.364
Sukhbaatar	0.036	1.300	1.708	3.463	6.627	3.429	9.192	0.575	0.306	0.950	38.550	99.057
Selenge	0.031	1.003	1.233	4.200	1.438	26.855	23.131	0.178	0.214	0.531	47.323	124.320
Tuv	0	0.016	0.021	0.054	0.046	0.068	0.214	0.006	0.028	0.033	124.615	125.504
Uvs	0.016	0	9.455	6.505	1.066	2.657	7.963	0.153	0.124	0.312	11.738	84.624
Khovd	0.021	9.455	0	7.519	1.397	3.228	10.005	0.208	0.164	0.408	15.386	112.914
Khuvsgul	0.054	6.503	7.517	0	3.102	11.435	39.322	0.442	0.413	0.998	57.148	207.928
Khentii	0.046	1.064	1.394	3.096	0	3.421	9.220	0.665	0.407	1.519	64.956	118.041
Darkhan-Uul	0.068	2.655	3.225	11.428	3.425	0	55.091	0.426	0.486	1.214	97.537	247.950
Orkhon	0.215	7.944	9.981	39.241	9.219	55.014	0	1.280	1.521	3.466	335.951	663.480
Govisumber	0.007	0.153	0.207	0.441	0.665	0.425	1.280	0	0.063	0.174	9.630	17.820
Nalaikh	0.028	0.124	0.164	0.411	0.406	0.484	1.517	0.063	0	0.328	90.431	97.226
Baganuur	0.033	0.310	0.407	0.994	1.516	1.210	3.459	0.173	0.328	0	71.487	88.110
Ulaanbaatar	125.759	11.778	15.439	57.364	65.332	97.969	337.910	9.685	91.216	72.041	0	1,342.487
TOTAL	126.652	84.621	112.909	208.030	118.479	248.323	665.988	17.883	98.037	88.714	1,334.958	4,602.709

6.4 PSTN Circuit Matrix between Aimag Centres

Circuit Matrix between Aimag Centres (2008)-1

From/To	Other Networks	UB-Transit	Arkhangai	Bayan-Olgii	Bayankhongor	Bulgan	Govi-Altai	Dornogovi	Dornod	Dundgovi	Zavkhan	Uvurkhangai	Omnogovi
Other Networks	0	0	0	0	0	0	0	0	0	0	0	0	0
UB-Transit	180	0	0	0	0	0	0	0	0	0	0	0	0
Arkhangai	180	240	0	0	0	0	0	0	0	0	0	0	0
Bayan-Olgii	150	180	0	0	0	0	0	0	0	0	0	0	0
Bayankhongor	180	210	0	0	0	0	0	0	0	0	0	0	0
Bulgan	150	120	0	0	0	0	0	0	0	0	0	0	0
Govi-Altai	90	180	0	0	0	0	0	0	0	0	0	0	0
Dornogovi	60	150	0	0	0	0	0	0	0	0	0	0	0
Dornod	60	120	0	0	0	0	0	0	0	0	0	0	0
Dundgovi	60	90	0	0	0	0	0	0	0	0	0	0	0
Zavkhan	90	150	0	0	0	0	0	0	0	0	0	0	0
Uvurkhangai	150	150	0	0	0	0	0	0	0	0	0	0	0
Omnogovi	60	150	0	0	0	0	0	0	0	0	0	0	0
Sukhbaatar	120	150	0	0	0	0	0	0	0	0	0	0	0
Selenge	150	120	0	0	0	0	0	0	0	0	0	0	0
Tuv	150	30	0	0	0	0	0	0	0	0	0	0	0
Uvs	60	150	0	0	0	0	0	0	0	0	0	0	0
Khovd	120	150	0	0	0	0	0	0	0	0	0	0	0
Khuvsgul	210	210	0	0	0	0	0	0	0	0	0	0	0
Khentii	150	120	0	0	0	0	0	0	0	0	0	0	0
Darkhan-Uul	240	150	0	0	0	0	0	0	0	0	0	0	0
Orkhon	600	270	0	0	0	0	0	0	0	0	0	0	0
Govisumber	0	90	0	0	0	0	0	0	0	0	0	0	0
Nalaikh	60	60	0	0	0	0	0	0	0	0	0	0	0
Baganuur	60	90	0	0	0	0	0	0	0	0	0	0	0
Ulaanbaatar	1,950	330	0	0	0	0	0	0	0	0	0	0	0
TOTAL	5,280	3,660	0	0	0	0	0	0	0	0	0	0	0

Circuit Matrix between Aimag Centres (2008)-2

From/To	Sukhbaatar	Selenge	Tuv	Uvs	Khovd	Khovsgul	Khentii	Darkhan-Uul	Orkhon	Govisumber	Nalaikh	Baganuur	UB-Local	TOTAL
Other Networks	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UB-Transit	0	0	0	0	0	0	0	0	0	0	0	0	0	180
Arkhangai	0	0	0	0	0	0	0	0	30	0	0	0	60	510
Bayan-Olgii	0	0	0	0	30	0	0	0	0	0	0	0	0	360
Bayankhongor	0	0	0	0	0	0	0	0	0	0	0	0	60	450
Bulgan	0	0	0	0	0	0	0	0	60	0	0	0	30	360
Govii-Altai	0	0	0	0	0	0	0	0	0	0	0	0	0	270
Dornogovi	0	0	0	0	0	0	0	0	0	0	0	0	30	240
Dornod	0	0	0	0	0	0	0	0	0	0	0	0	30	210
Dundgovi	0	0	0	0	0	0	0	0	0	0	0	0	30	180
Zavkhan	0	0	0	0	0	0	0	0	0	0	0	0	0	240
Uvurkhangai	0	0	0	0	0	0	0	0	0	0	0	0	60	360
Omnogovi	0	0	0	0	0	0	0	0	0	0	0	0	0	210
Sukhbaatar	0	0	0	0	0	0	0	0	0	0	0	0	30	300
Selenge	0	0	0	0	0	0	0	30	30	0	0	0	60	390
Tuv	0	0	0	0	0	0	0	0	0	0	0	0	210	390
Uvs	0	0	0	0	0	0	0	0	0	0	0	0	0	210
Khovd	0	0	0	0	0	0	0	0	0	0	0	0	0	270
Khovsgul	0	0	0	0	0	0	0	0	30	0	0	0	60	510
Khentii	0	0	0	0	0	0	0	0	0	0	0	0	60	330
Darkhan-Uul	0	0	0	0	0	0	0	0	60	0	0	0	120	570
Orkhon	0	0	0	0	0	0	0	0	0	0	0	0	390	1,260
Govisumber	0	0	0	0	0	0	0	0	0	0	0	0	0	90
Nalaikh	0	0	0	0	0	0	0	0	0	0	0	0	120	240
Baganuur	0	0	0	0	0	0	0	0	0	0	0	0	90	240
Ulaanbaatar	0	0	0	0	0	0	0	0	0	0	0	0	0	2,280
TOTAL	0	0	0	0	30	0	0	30	210	0	0	0	1,440	10,650

Circuit Matrix between Aimag Centres (2013)-1

From/To	Other Networks	UB-Transit	Arkhangai	Bayan-Olgii	Bayankhongor	Bulgan	Govi-Altai	Dornogovi	Dornod	Dundgovi	Zavkhan	Uvurkhangai	Omnogovi
Other Networks	0	0	0	0	0	0	0	0	0	1	0	0	0
UB-Transit	60	0	0	0	0	0	0	0	0	0	0	0	0
Arkhangai	270	240	0	0	0	0	0	0	0	0	0	0	0
Bayan-Olgii	180	210	0	0	0	0	0	0	0	0	0	0	0
Bayankhongor	240	240	0	0	0	0	0	0	0	0	0	0	0
Bulgan	150	120	0	0	0	0	0	0	0	0	0	0	0
Govi-Altai	150	180	0	0	0	0	0	0	0	0	0	0	0
Dornogovi	150	150	0	0	0	0	0	0	0	0	0	0	0
Dornod	60	150	0	0	0	0	0	0	0	0	0	0	0
Dundgovi	60	90	0	212	0	0	0	0	0	0	0	0	0
Zavkhan	120	180	0	212	0	0	0	0	0	0	0	0	0
Uvurkhangai	180	180	0	213	0	0	0	0	0	0	0	0	0
Omnogovi	120	150	0	0	0	0	0	0	0	0	0	0	0
Sukhbaatar	150	150	0	0	0	0	0	0	0	0	0	0	0
Selenge	180	120	0	0	0	0	0	0	0	0	0	0	0
Tuv	180	30	0	0	0	0	0	0	0	0	0	0	0
Uvs	120	150	0	0	0	0	0	0	0	0	0	0	0
Khovd	150	180	0	0	0	0	0	0	0	0	0	0	0
Khuvsgul	270	270	0	0	0	0	0	0	0	0	0	0	0
Khentii	180	120	0	0	0	0	0	0	0	0	0	0	0
Darkhan-Uul	300	180	0	0	0	0	0	0	0	0	0	0	0
Orkhon	720	300	0	0	0	0	0	0	0	0	0	0	0
Govisumber	0	90	0	0	0	0	0	0	0	0	0	0	0
Nalaikh	120	30	0	0	0	0	0	0	0	0	0	0	0
Baganuur	120	60	0	0	0	0	0	0	0	0	0	0	0
Ulaanbaatar	4,800	300	0	0	0	0	0	0	0	0	0	0	0
TOTAL	9,030	3,870	0	0	0	0	0	0	0	0	0	0	0

Circuit Matrix between Aimag Centres (2013)-2

From/To	Sukhbaatar	Selenge	Tuv	Uvs	Khovd	Khuvs gul	Khentii	Darkhan-Uul	Orkhon	Govisumber	Nalaikh	Baganuur	UB-Local	TOTAL
Other Networks	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UB-Transit	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Arkhangai	0	0	0	0	0	0	0	0	30	0	0	0	120	660
Bayan-Olgii	0	0	0	30	30	0	0	0	0	0	0	0	0	450
Bayankhongor	0	0	0	0	0	0	0	0	30	0	0	0	60	570
Bulgan	0	0	0	0	0	0	0	0	60	0	0	0	60	390
Govii-Altai	0	0	0	0	0	0	0	0	0	0	0	0	0	330
Dornogovi	0	0	0	0	0	0	0	0	0	0	0	0	30	330
Dornod	0	0	0	0	0	0	0	0	0	0	0	0	30	240
Dundgovi	0	0	0	0	0	0	0	0	0	0	0	0	30	180
Zavkhan	0	0	0	0	0	0	0	0	0	0	0	0	0	300
Uvurkhangai	0	0	0	0	0	0	0	0	0	0	0	0	60	420
Omnogovi	0	0	0	0	0	0	0	0	0	0	0	0	30	300
Sukhbaatar	0	0	0	0	0	0	0	0	0	0	0	0	60	360
Selenge	0	0	0	0	0	0	0	30	30	0	0	0	60	420
Tuv	0	0	0	0	0	0	0	0	0	0	0	0	240	450
Uvs	0	0	0	0	0	0	0	0	0	0	0	0	0	270
Khovd	0	0	0	0	0	0	0	0	0	0	0	0	0	330
Khuvs gul	0	0	0	0	0	0	0	0	60	0	0	0	60	660
Khentii	0	0	0	0	0	0	0	0	0	0	0	0	120	420
Darkhan-Uul	0	0	0	0	0	0	0	0	90	0	0	0	150	720
Orkhon	0	0	0	0	0	0	0	0	0	0	0	0	480	1,500
Govisumber	0	0	0	0	0	0	0	0	0	0	0	0	0	90
Nalaikh	0	0	0	0	0	0	0	0	0	0	0	0	180	330
Baganuur	0	0	0	0	0	0	0	0	0	0	0	0	120	300
Ulaanbaatar	0	0	0	0	0	0	0	0	0	0	0	0	0	5,100
TOTAL	0	0	0	30	30	0	0	30	300	0	0	0	1,890	15,180

Circuit Matrix between Aimag Centres (2020)-1

From/To	Other Networks	UB-Transit	Arkhangai	Bayan-Olgii	Bayankhongor	Bulgan	Govi-Altai	Dornogovi	Dornod	Dundgovi	Zavkhan	Uvurkhangai	Omnogovi
Other Networks	0	0	0	0	0	0	0	0	0	1	0	0	0
UB-Transit	60	0	0	0	0	0	0	0	0	0	0	0	0
Arkhangai	330	210	0	0	30	0	0	0	0	0	0	0	0
Bayan-Olgii	240	210	0	0	0	0	0	0	0	0	0	0	0
Bayankhongor	300	210	0	0	0	0	0	0	0	0	0	30	0
Bulgan	180	150	0	0	0	0	0	0	0	0	0	0	0
Govi-Altai	180	210	0	0	0	0	0	0	0	0	0	0	0
Dornogovi	150	180	0	0	0	0	0	0	0	0	0	0	0
Dornod	120	120	0	0	0	0	0	0	0	0	0	0	0
Dundgovi	60	120	0	212	0	0	0	0	0	0	0	0	0
Zavkhan	150	210	0	212	0	0	0	0	0	0	0	0	0
Uvurkhangai	210	180	0	213	0	0	0	0	0	0	0	0	0
Omnogovi	150	180	0	0	0	0	0	0	0	0	0	0	0
Sukhbaatar	180	180	0	0	0	0	0	0	0	0	0	0	0
Selenge	210	120	0	0	0	0	0	0	0	0	0	0	0
Tuv	210	30	0	0	0	0	0	0	0	0	0	0	0
Uvs	150	180	0	0	0	0	0	0	0	0	0	0	0
Khovd	180	180	0	0	0	0	0	0	0	0	0	0	0
Khuvsgul	330	270	0	0	0	0	0	0	0	0	0	0	0
Khentii	210	150	0	0	0	0	0	0	0	0	0	0	0
Darkhan-Uul	390	210	0	0	0	0	0	0	0	0	0	0	0
Orkhon	960	360	0	0	0	0	0	0	0	0	0	0	0
Govisumber	0	90	0	0	0	0	0	0	0	0	0	0	0
Nalaikh	180	30	0	0	0	0	0	0	0	0	0	0	0
Baganuur	150	60	0	0	0	0	0	0	0	0	0	0	0
Ulaanbaatar	6,540	240	0	0	0	0	0	0	0	0	0	0	0
TOTAL	11,820	4,080	0	0	30	0	0	0	0	0	0	30	0

Circuit Matrix between Aimag Centres (2020)-2

From/To	Sukhbaatar	Selenge	Tuv	Uvs	Khovd	Khovsgul	Khentii	Darkhan-Uul	Orkhon	Govisumber	Nalaikh	Baganuur	UB-Local Stage	TOTAL
Other Networks	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UB-Transit	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Arkhangai	0	0	0	0	0	30	0	0	60	0	0	0	150	810
Bayan-Olgii	0	0	0	30	60	0	0	0	0	0	0	0	30	570
Bayankhongor	0	0	0	0	0	0	0	0	30	0	0	0	120	690
Bulgan	0	0	0	0	0	0	0	0	60	0	0	0	60	450
Govi-Altai	0	0	0	0	0	0	0	0	0	0	0	0	30	420
Dornogovi	0	0	0	0	0	0	0	0	0	0	0	0	60	390
Dornod	0	0	0	0	0	0	0	0	0	0	0	0	60	300
Dundgovi	0	0	0	0	0	0	0	0	0	0	0	0	30	210
Zavkhan	0	0	0	0	0	0	0	0	0	0	0	0	30	390
Uvurkhangai	0	0	0	0	0	0	0	0	0	0	0	0	90	480
Omnogovi	0	0	0	0	0	0	0	0	0	0	0	0	30	360
Sukhbaatar	0	0	0	0	0	0	0	0	0	0	0	0	60	420
Selenge	0	0	0	0	0	0	0	30	30	0	0	0	120	510
Tuv	0	0	0	0	0	0	0	0	0	0	0	0	270	510
Uvs	0	0	0	0	0	0	0	0	0	0	0	0	0	330
Khovd	0	0	0	0	0	0	0	0	0	0	0	0	30	390
Khovsgul	0	0	0	0	0	0	0	0	60	0	0	0	150	810
Khentii	0	0	0	0	0	0	0	0	0	0	0	0	150	510
Darkhan-Uul	0	0	0	0	0	0	0	0	150	0	0	0	210	960
Orkhon	0	0	0	0	0	0	0	0	0	0	0	0	690	2,010
Govisumber	0	0	0	0	0	0	0	0	0	0	0	0	0	90
Nalaikh	0	0	0	0	0	0	0	0	0	0	0	0	210	420
Baganuur	0	0	0	0	0	0	0	0	0	0	0	0	180	390
Ulaanbaatar	0	0	0	0	0	0	0	0	0	0	0	0	0	6,780
TOTAL	0	0	0	30	60	30	0	30	390	0	0	0	2,760	19,260

6.5 Paid Minutes of Aimag Centres

Aimag paid minutes 1990 (1)

1	Aimag	Arkhangai	Bayan-Ulgii	Bayankhongor	Bulgan	Govii-Altai	Govisumber	Darkhan-Uul	Dornogovi	Dornod	Dundgovi	Zavkhan	Orkhon	Uvurkhang
2	Arkhangai	155,230	19	2,705	1,456	694	81	4,027	620	196	318	1,076	11,079	3,021
3	Bayan-Ulgii	74	132,518	32	71	1,029	328	869	34	250	63	501	786	8
4	Bayankhongor	4,787	156	167,401	767	3,579	133	10,139	1,517	1,228	309	1,641	5,232	6,674
5	Bulgan	2,066	34	1,095	157,478	517	230	13,880	885	948	767	465	72,416	3,118
6	Govii-Altai	721	941	4,175	258	196,263	143	8,745	494	340	134	10,294	6,323	1,824
7	Govisumber	701	30	493	373	371	21,984	1,908	12,733	487	8,045	201	1,284	544
8	Darkhan-Uul	9,623	5,496	21,695	18,743	46,705	1,517	106,996	8,254	7,217	4,770	11,371	100,910	17,766
9	Dornogovi	839	63	1,732	1,709	1,024	5,321	6,587	174,624	4,016	3,794	890	5,868	1,830
10	Dornod	220	137	212	288	631	169	2,389	3,236	85,563	230	240	1,690	890
11	Dundgovi	621	4	573	639	213	5,038	2,678	4,569	407	104,158	308	1,508	2,428
12	Zavkhan	1,341	751	1,505	406	8,942	60	8,067	475	204	121	236,929	19,225	552
13	Orkhon	12,776	4,662	10,346	74,865	18,667	115	101,270	15,292	7,598	3,953	18,242	28,154	12,217
14	Uvurkhangai	2,463	490	5,477	3,344	17,020	323	11,064	1,542	451	2,363	613	8,461	188,296
15	Umnugovi	587	198	1,034	205	714	2,086	2,823	4,748	600	5,077	216	1,502	2,312
16	Sukhbaatar	158	58	200	140	134	298	1,584	6,867	16,155	213	167	1,185	240
17	Selenge	1,412	469	3,090	6,071	3,498	2,744	67,742	3,079	2,800	1,974	1,320	30,634	2,429
18	Tuv	1,757	244	637	1,272	1,065	221	5,455	1,556	672	2,237	1,057	3,813	1,821
19	Uvs	105	1,314	244	178	1,010	32	4,249	229	65	134	1,013	3,175	45
20	Khovd	385	10,816	855	189	7,691	136	7,359	655	151	151	3,975	3,708	588
21	Khovsgul	1,676	386	291	3,299	510	132	8,161	659	255	278	3,388	13,276	564
22	Kheniti	225	330	398	703	268	490	2,618	5,565	7,769	725	213	2,231	373
23	Baganuur	2,249	412	1,961	1,337	1,350	825	6,934	5,913	4,103	2,910	951	4,258	1,605
24	Nalaikh	742	1,234	845	898	1,399	354	2,548	1,084	1,059	809	513	2,457	1,392
25	Total UB	126,644	123,636	200,432	173,360	223,414	24,280	595,134	189,850	255,432	137,246	196,097	601,741	271,531
	Total	327,402	284,398	427,428	448,049	536,708	67,040	983,226	444,480	397,966	280,779	491,681	930,916	522,068
(a) Domestic Calls														
Breakdown of UB (25)														
	UB automatic	9,460	57,296	88,953	110,391	92,592	128	352,259	59,603	133,900	60,951	8,924	372,100	143,571
	Semi-automatic	2,936	52,718	86,851	41,973	96,694	505	184,939	47,752	105,858	60,320	3,337	224,150	85,193
	UB manual	114,248	13,623	24,627	20,996	34,128	23,647	57,936	82,495	15,674	15,975	183,836	5,491	42,768
	Total	126,644	123,636	200,432	173,360	223,414	24,280	595,134	189,850	255,432	137,246	196,097	601,741	271,532
(b) International calls														
	Trunk (Aimag automatic)	54,533	59,389	48,926	199,801	45,106	16,844	1,120,609	124,299	71,627	61,059	43,642	1,080,975	308,738
	Trunk (Semi-automatic)	54,995	147,275	236,122	157,797	249,192	80,780	550,358	140,532	180,746	155,747	102,635	396,461	38,942
	Trunk (Manual)	177,360	17,083	20,421	10,459	23,440	50,168	129,141	70,207	21,013	20,755	226,432	54,917	42,761
	Local (within Aimag)	155,230	132,518	167,403	157,478	196,263	21,984	106,996	174,624	85,563	104,158	236,929	28,154	188,296
	Total	442,118	356,265	472,872	525,535	514,001	169,776	1,907,104	509,662	358,949	341,719	609,638	1,560,507	578,737
(b) International calls														
	Automatic	44	15,248	662	387	1,641	556	70,965	2,610	5,801	233	674	188,531	589
	Manual	244	3,562	72	16	0	55	2,302	1,610	3	285	119	13,613	130
	Total	288	18,810	734	403	1,641	611	73,267	4,220	5,804	518	793	202,144	719
	National Total (a+b)	442,406	375,075	473,606	525,938	515,642	170,387	1,980,371	513,882	364,753	342,237	610,431	1,762,651	579,456

Aimags Paid Minutes 1998 (2)

	Umnugovi	Sukhbaatar	Selenge	Tuv	Uvs	Khovd	Khuvsgul	Kheniti	Baganuur	Nalaikh	Total UB	Total
1 Aimags												
2 Arkhangai	541	151	989	915	249	496	1,154	238	1,216	389	255,258	442,118
3 Bayan-Ulgii	23	42	395	129	1,290	2,595	50	91	497	963	213,627	356,265
4 Bayankhongor	727	211	2,310	1,135	276	2,169	410	543	1,325	1,202	259,001	472,872
5 Bulgan	702	221	3,961	1,264	386	797	3,078	501	726	622	259,378	525,535
6 Govi-Altai	507	22	1,641	1,095	1,554	9,554	594	388	1,657	993	265,341	514,001
7 Govisumber	4,328	764	1,186	944	570	517	162	3,070	3,340	1,258	104,483	169,776
8 Darkhan-Uul	10,996	3,284	113,172	14,288	21,598	26,833	17,279	10,007	15,103	8,581	1,304,900	1,907,104
9 Dornogovi	6,369	4,429	3,293	2,136	420	1,777	752	7,351	5,662	1,338	267,838	509,662
10 Dornod	287	13,253	1,372	631	381	103	233	9,228	2,854	613	234,099	358,949
11 Dundgovi	8,277	254	1,050	4,516	394	213	344	1,175	4,532	896	196,924	341,719
12 Zavkhan	298	135	1,340	1,122	2,857	5,791	3,948	168	839	548	314,014	609,638
13 Orkhon	9,151	3,116	23,814	7,843	6,501	11,767	20,750	6,085	25,228	7,819	1,130,276	1,560,507
14 Uvurkhangai	4,854	190	2,162	2,431	1,070	1,392	1,313	1,101	3,413	3,154	315,750	578,737
15 Umnugovi	171,009	182	897	1,222	119	210	580	708	922	173	201,313	399,437
16 Sukhbaatar	439	115,585	277	257	353	18	82	12,316	2,346	964	148,924	308,960
17 Selenge	2,386	954	119,657	5,429	1,201	4,633	2,489	1,540	3,796	2,061	508,488	779,896
18 Tuv	2,149	387	2,364	156,387	984	937	598	1,504	6,355	3,464	185,341	382,277
19 Uvs	124	48	404	151	151,264	6,220	540	63	670	251	229,818	401,346
20 Khovd	348	47	1,323	696	14,929	157,861	899	273	1,697	1,461	333,867	550,060
21 Khuvsgul	393	218	1,851	317	1,193	909	216,161	256	490	148	231,116	485,927
22 Kheniti	958	3,783	718	1,184	253	236	240	241,302	10,536	2,018	251,009	534,174
23 Baganuur	1,202	1,856	2,195	11,789	1,425	1,732	1,386	15,148	8,615	8,922	250,043	339,121
24 Nalaikh	756	729	1,097	3,540	554	1,090	546	1,551	7,378	3,892	106,787	143,272
25 Total UB	184,223	107,905	298,217	152,245	171,523	278,744	159,785	175,609	231,455	96,128	10,810	4,985,441
Total	411,047	257,766	585,685	371,666	381,344	516,594	433,373	490,216	340,652	147,858	7,578,405	17,656,794
Breakdown of UB (25)												
UB automatic	91,966	49,406	178,602	78,056	9,469	127,655	8,630	69,915	127,141	58,931	---	2,289,899
Semi-automatic	79,062	40,641	68,795	35,801	2,278	117,646	3,775	51,371	100,041	34,888	---	1,527,523
UB manual	13,195	17,859	50,821	38,387	159,776	33,443	147,380	54,323	4,273	2,308	---	1,157,209
Total	184,223	107,905	298,218	152,245	171,523	278,744	159,785	175,609	231,455	96,128	---	4,974,631
(a) Domestic Calls												
Trunk (Aimag automatic)	84,626	47,814	460,726	42,544	40,656	39,955	41,170	81,611	122,387	43,137	2,289,899	65,300,731
Trunk (Semi-automatic)	97,517	83,935	153,347	147,815	31,118	308,850	77,406	147,154	179,872	65,506	1,527,523	5,311,625
Trunk (Manual)	46,285	61,626	46,166	35,531	178,308	43,394	151,190	64,107	28,247	30,737	1,157,209	2,706,957
Local (within Aimag)	171,009	115,585	119,657	156,387	151,264	157,861	216,161	241,302	8,615	3,892	10,810	3,108,139
Total	399,437	308,960	779,896	382,277	401,346	550,060	485,927	534,174	339,121	143,272	4,985,441	76,427,452
(b) International calls												
Automatic	1,324	194	14,433	778	268	4,494	780	7,497	13,267	737	3,600,629	3,932,342
Manual	1,136	132	588	1,271	855	75	0	1,103	245	652	4,557	32,625
Total	2,460	326	15,021	2,049	1,123	4,569	780	8,600	13,512	1,389	3,605,186	3,964,967
National Total (a+b)	401,897	309,286	794,917	384,326	402,469	554,629	486,707	542,774	352,633	144,661	8,590,627	80,392,419

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1	Aimags	Arkhangai	Bayan-Ulgii	Bayankhongor	Bulgan	Govii-Altai	Govisumber	Darkhan-Uul	Dornogovi	Dornod	Dundgovi	Zavkhan	Orkhon	Uvurkhang
2	Arkhangai	145,058	16	3,001	1,434	448	103	3,987	414	458	265	1,066	9,451	3,175
3	Bayan-Ulgii	53	136,557	118	6	780	359	748	175	245	73	351	320	29
4	Bayankhongor	6,812	191	153,235	472	7,878	179	9,848	1,440	416	580	1,972	4,724	7,041
5	Bulgan	3,341	94	839	206,540	440	141	20,425	1,325	1,672	642	793	90,274	4,935
6	Govii-Altai	683	1,473	4,769	292	170,599	163	7,542	334	285	201	10,237	6,556	2,425
7	Govisumber	240	43	370	788	359	19,405	2,748	11,976	485	7,444	336	1,314	639
8	Darkhan-Uul	14,862	7,659	20,946	23,643	155,774	2,250	550,385	106,279	85,809	5,111	17,413	131,720	21,791
9	Dornogovi	1,062	87	1,725	1,592	919	7,381	8,782	185,186	6,026	4,593	967	6,519	2,151
10	Dornod	461	212	155	357	585	125	3,146	3,123	92,570	333	195	1,668	858
11	Dundgovi	537	212	551	372	401	5,732	2,605	4,678	374	104,214	246	1,612	2,406
12	Zavkhan	1,376	213	1,512	589	9,578	206	9,034	490	238	255	206,135	19,845	929
13	Orkhon	19,124	4,284	9,235	75,893	53,235	203	113,030	45,643	41,984	2,391	26,539	20,393	11,070
14	Uvurkhangai	6,591	595	10,216	3,398	92,645	330	15,137	1,920	2,752	2,861	1,260	13,761	243,758
15	Umnugovi	917	94	2,645	986	676	2,743	4,859	4,715	1,795	7,942	226	4,026	4,753
16	Sukhbaatar	115	61	171	178	64	359	1,341	6,006	14,192	172	240	1,080	375
17	Setenge	2,066	818	3,022	5,060	7,548	193	96,506	3,338	2,390	1,943	1,847	30,409	3,344
18	Tuv	1,644	106	838	1,168	1,500	340	7,193	1,891	1,133	2,853	1,181	3,993	2,483
19	Uvs	215	3,685	399	430	1,703	49	9,859	120	419	112	3,152	8,304	557
20	Khovd	325	12,285	1,090	238	7,487	187	6,060	642	221	57	5,963	3,189	292
21	Khovsgul	4,363	453	131	3,532	170	106	9,186	323	180	302	4,369	24,162	804
22	Khentii	189	253	335	720	353	964	3,970	7,969	9,338	698	593	2,416	435
23	Baganuur	2,183	196	2,289	1,373	1,755	1,590	8,658	5,544	3,715	2,609	1,380	4,790	2,073
24	Nalaikh	982	1,743	835	758	1,162	394	2,975	1,409	983	671	600	2,390	1,480
25	Total UB	154,026	127,653	218,830	180,298	249,289	26,766	719,228	228,488	269,272	157,202	236,630	722,090	316,661
	Total	367,225	298,983	437,257	510,117	765,348	70,268	1,617,252	623,428	536,952	303,524	523,691	1,115,006	634,464
Breakdown of UB (25)														
	UB automatic	35,806	66,409	106,387	118,445	114,079	170	473,591	94,893	144,029	72,352	42,159	488,385	185,266
	Semi-automatic	9,026	48,812	83,685	42,758	100,676	70	195,167	51,284	108,546	67,141	11,734	232,512	118,381
	UB manual	109,195	12,432	28,758	19,095	34,534	26,526	50,470	82,311	16,697	17,708	182,737	1,194	13,041
	Total	154,027	127,653	218,830	180,298	249,289	26,766	719,228	228,488	269,272	157,201	236,630	722,091	316,688
(a) Domestic Calls														
	Trunk (Aimag automatic)	187,056	56,264	66,259	264,024	57,726	48,718	1,852,320	108,581	127,308	51,184	98,117	1,295,465	308,728
	Trunk (Semi-automatic)	61,181	161,019	200,144	164,258	270,211	80,383	525,259	253,403	185,272	143,552	120,889	272,537	272,889
	Trunk (Manual)	93,266	25,493	98,682	3,248	23,753	36,804	90,230	78,763	18,578	33,016	177,677	17,381	1,869
	Local (within Aimag)	145,058	136,557	153,235	206,540	170,599	19,405	550,385	185,186	92,570	104,214	206,135	20,393	243,758
	Total	486,561	379,333	518,320	638,070	522,289	185,310	3,018,194	625,933	423,728	331,966	602,818	1,605,776	827,244
(b) International calls														
	Automatic	426	17,143	1,400	642	2,242	467	67,023	3,706	5,521	49	2,154	123,268	1,453
	Manual	85	5,000	246	54	0	37	1,973	423	0	256	247	14,074	4
	Total	511	22,143	1,646	696	2,242	504	68,996	4,129	5,521	305	2,401	137,342	1,457
	National Total (a+b)	487,072	401,476	519,966	638,766	524,531	185,814	3,087,190	630,062	429,249	332,271	605,219	1,743,118	828,701

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	Umnugovi	Sukhbaatar	Selenge	Tuv	Uvs	Khovd	Khovsgul	Khentii	Baganuur	Nalaikh	Total UB	Total
1 Aimag												
2 Arkhangai	380	172	1,081	624	524	785	1,119	373	1,071	344	311,212	486,561
3 Bayan-Ulgii	0	125	309	295	544	1,221	16	118	441	816	235,634	379,333
4 Bayankhongor	1,463	220	1,949	1,074	1,160	2,179	1,046	515	1,692	1,197	311,037	518,320
5 Bulgan	860	974	6,799	1,852	301	875	5,295	462	1,405	1,294	286,492	638,070
6 Govi-Altai	730	150	1,679	1,327	1,721	9,738	379	460	1,636	1,488	297,422	522,289
7 Govisumber	3,985	742	1,107	618	392	232	78	3,350	4,267	1,365	123,027	185,310
8 Darkhan-Uul	13,751	13,892	136,444	18,322	27,517	30,355	32,160	9,094	22,756	8,783	1,561,478	3,018,194
9 Dornogovi	6,576	5,749	4,189	1,933	539	2,908	1,309	8,759	6,735	1,581	358,665	625,933
10 Dornod	793	13,856	1,026	628	290	219	357	9,540	2,223	570	290,516	423,728
11 Dundgovi	7,176	295	808	2,849	144	261	240	867	4,010	876	190,680	331,966
12 Zavkhan	325	133	1,729	1,529	4,249	7,093	4,479	212	1,101	621	330,156	602,818
13 Orkhon	6,313	12,095	24,069	6,236	9,335	8,453	37,770	6,165	11,029	7,305	1,053,982	1,605,776
14 Uvurkhangai	6,202	1,200	2,883	3,595	2,241	2,244	3,649	804	6,826	4,815	397,561	827,244
15 Umnugovi	163,665	1,002	1,974	1,816	122	376	448	1,074	1,300	636	199,036	407,823
16 Sukhbaatar	306	114,001	375	242	265	24	56	10,106	2,392	567	161,037	486,561
17 Selenge	3,741	1,244	109,521	4,465	5,423	10,758	5,652	1,990	3,416	1,820	647,488	954,002
18 Tuv	2,155	555	2,732	14,403	774	666	698	1,196	6,849	3,773	220,508	410,632
19 Uvs	303	53	789	296	123,192	10,472	1,740	71	1,758	851	286,760	455,279
20 Khovd	427	82	1,425	425	11,380	138,754	725	195	1,213	1,641	368,700	563,003
21 Khovsgul	341	80	2,157	491	1,118	549	210,311	199	868	406	252,771	517,372
22 Khentii	1,337	5,627	915	1,120	250	231	1,581	230,450	15,547	1,342	260,844	547,474
23 Baganuur	1,707	2,397	2,462	10,976	1,168	2,094	1,592	13,946	7,282	8,909	236,210	327,898
24 Nalaikh	755	488	1,432	4,090	802	1,738	509	2,072	8,201	2,576	105,305	144,350
25 Total UB	221,572	126,788	325,627	167,655	205,752	296,060	203,401	185,922	220,915	132,449	6,210	5,698,783
Total	444,863	301,920	633,481	246,861	399,203	528,285	514,610	487,940	334,933	186,025	8,492,731	20,678,719
Breakdown of UB (25)												
UB automatic	118,723	66,228	201,789	92,540	31,953	144,582	44,303	78,794	129,658	87,097	---	2,937,635
Semi-automatic	88,647	42,771	77,445	34,154	7,856	117,368	15,208	55,559	90,017	44,418	---	1,643,289
UB manual	14,203	17,789	46,393	40,962	165,943	34,109	143,890	51,569	1,186	934	---	1,111,649
Total	221,573	126,788	325,627	167,656	205,752	296,059	203,401	185,922	220,861	132,449	---	5,692,573
(a) Domestic Calls												
Trunk (Aimag automatic)	114,361	46,706	638,594	48,528	197,928	53,403	98,334	102,766	119,504	36,769	2,937,635	8,923,383
Trunk (Semi-automatic)	79,575	93,445	164,017	191,700	20,139	336,306	80,753	162,945	177,564	92,579	1,643,289	5,753,309
Trunk (Manual)	50,222	59,573	41,870	26,000	114,020	34,540	127,974	51,313	23,548	12,426	111,649	2,351,895
Local (within Aimag)	163,665	114,001	109,521	144,403	123,192	138,754	210,311	230,450	7,282	2,576	6,210	3,484,400
Total	407,823	313,725	954,002	410,631	455,279	563,003	517,372	547,474	327,898	144,350	4,698,783	20,512,987
(b) International calls												
Automatic	6,438	146	9,868	3,818	1,922	5,616	1,051	8,400	6,298	1,918	3,693,688	3,964,657
Manual	637	31	187	0	403	0	174	371	146	119	103	24,570
Total	7,075	177	10,055	3,818	2,325	5,616	1,225	8,771	6,444	2,037	3,693,791	3,989,227
National Total (a+b)	414,898	313,902	964,057	414,449	457,604	568,619	518,597	556,245	334,342	146,387	8,392,574	24,502,214

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1	Aimags	Arkhangai	Bayan-Ulgii	Bayankhongor	Bulgan	Govii-Altai	Govisumber	Darkhan-Uul	Dornogovi	Dornod	Dundgovi	Zavkhan	Orkhon	Uvurkhangai
2	Arkhangai	158,762	3	2,925	1,841	638	107	3,619	500	346	648	1,361	7,818	2,884
3	Bayan-Ulgii	244	138,515	232	7	1,421	26	976	0	154	3	427	1,027	340
4	Bayankhongor	4,741	482	164,002	392	4,922	63	10,645	1,241	205	502	2,016	6,252	6,956
5	Bulgan	4,851	17	1,084	225,931	1,050	81	27,884	1,809	385	839	1,117	121,153	5,670
6	Govii-Altai	804	2,296	4,632	681	1,66,696	111	20,106	464	355	325	11,833	7,992	2,875
7	Govisumber	476	13	567	517	540	20,332	4,211	18,763	464	8,241	251	2,044	574
8	Darkhan-Uul	14,656	6,067	19,728	24,226	49,876	2,004	171,894	71,279	43,491	4,272	22,080	141,063	21,916
9	Dornogovi	1,182	206	2,235	2,270	936	7,779	9,381	219,358	6,021	4,675	1,104	6,904	3,399
10	Dornod	490	212	267	391	508	6,269	3,535	3,762	87,293	415	397	2,179	786
11	Dundgovi	848	212	382	534	531	3,628	2,642	3,971	342	114,484	150	1,872	2,686
12	Zavkhan	2,423	213	1,846	901	11,685	176	10,220	617	376	219	203,554	23,648	1,406
13	Orkhon	19,234	5,348	8,211	71,197	22,734	2,143	110,477	62,625	33,030	2,755	30,551	53,818	13,095
14	Uvurkhangai	11,430	1,998	13,203	4,854	5,036	280	16,603	3,925	1,753	3,557	2,694	78,554	396,801
15	Umnugovi	577	27	692	223	480	3,117	2,214	4,040	622	6,022	331	1,467	2,436
16	Sukhbaatar	117	23	165	228	199	255	1,717	6,268	17,611	330	382	924	233
17	Selenge	1,947	603	2,604	4,816	3,060	384	97,908	4,058	2,208	1,324	2,362	28,779	2,837
18	Tuv	1,551	92	717	950	1,125	267	5,646	1,705	823	2,000	1,128	3,472	1,950
19	Uvs	918	3,836	527	289	3,769	25	18,777	102	277	220	6,577	13,632	219
20	Khovd	679	13,968	913	124	14,059	1,036	9,679	1,361	193	123	6,917	4,981	535
21	Khuvsgul	3,465	359	299	7,201	360	202	13,813	616	215	577	5,746	30,612	1,089
22	Kheniti	226	487	306	348	243	762	3,547	7,604	8,870	1,220	318	2,704	611
23	Baganuur	2,209	113	1,832	1,284	1,591	1,534	8,765	5,212	4,333	2,647	1,284	5,445	2,377
24	Nalaikh	733	1,426	943	831	1,084	517	2,386	698	847	1,121	408	2,395	1,061
25	Total UB	174,003	153,416	260,394	221,977	319,004	42,677	735,280	287,290	297,690	190,271	276,414	740,448	425,887
	Total	406,566	329,932	488,706	572,013	611,547	93,775	1,281,925	707,268	507,904	346,790	579,402	1,289,184	898,623
	Breakdown of UB (25)													
	UB automatic	67,271	99,985	168,377	173,122	205,883	20,822	583,142	195,787	195,072	122,719	98,078	621,230	312,998
	Semi-automatic	6,718	39,419	63,502	39,407	77,107	295	177,505	44,535	81,289	50,150	8,587	175,500	104,251
	UB manual	100,015	14,012	28,516	9,448	36,014	21,560	34,632	46,968	21,329	17,402	169,749	3,718	8,638
	Total	174,004	153,416	260,394	221,977	319,004	42,677	735,280	287,290	297,690	190,271	276,414	740,448	425,887
	(a) Domestic Calls													
	Trunk (Aimag automatic)	313,362	59,875	72,665	311,111	52,624	102,815	2,030,412	148,713	124,732	73,059	126,713	1,763,818	586,255
	Trunk (Semi-automatic)	107,060	148,450	265,258	247,554	349,156	100,991	512,224	379,914	226,841	159,074	206,744	300,810	367,721
	Trunk (Manual)	69,302	65,346	134,567	1,235	31,676	46,092	40,277	84,982	34,849	24,125	185,517	7,354	2,626
	Local (within Aimag)	158,762	138,515	164,002	225,931	166,696	20,332	171,894	219,358	93,469	114,484	203,554	53,818	396,801
	Total	648,486	412,186	636,492	785,831	600,152	270,230	2,754,807	832,967	479,891	370,742	722,528	2,125,800	1,353,403
	(b) International calls													
	Automatic	810	20,940	1,066	2,022	6,882	1,113	57,596	4,539	5,481	117	3,298	115,391	2,259
	Manual	0	5,220	190	0	0	251	1,161	326	376	454	354	2,083	10
	Total	810	26,160	1,256	2,022	6,882	1,364	58,757	4,865	5,857	571	3,652	117,474	2,269
	National Total (a+b)	649,296	438,346	637,748	787,853	607,034	271,594	2,813,564	837,832	485,748	371,313	726,180	2,243,274	1,355,672

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	Umnugovi	Sukhbaatar	Selenge	Tuv	Uvs	Khovd	Khovsgul	Kheritii	Baganuur	Nalaikh	Total UB	Total
1 Aimag												
2 Arkhangai	346	172	881	682	555	1,281	1,115	291	986	560	460,165	648,486
3 Bayan-Ulgii	86	11	87	234	2,240	5,643	56	93	239	1,256	258,869	412,186
4 Bayankhongor	1,374	113	1,866	764	414	2,270	641	1,024	1,840	1,350	422,417	636,492
5 Bulgan	1,328	255	6,521	2,721	355	1,826	5,175	653	2,231	1,334	371,561	785,831
6 Govi-Altai	790	162	1,640	1,510	1,799	11,787	822	337	1,977	2,167	367,991	600,152
7 Govisumber	5,288	990	1,148	974	427	242	188	4,139	6,416	1,323	192,102	270,230
8 Darkhan-Uul	10,318	8,932	126,065	15,700	23,326	17,818	28,818	7,860	17,603	10,016	1,895,799	2,754,807
9 Dornogovi	6,946	7,056	2,637	2,097	804	4,010	1,985	10,280	4,597	1,309	525,796	832,967
10 Dornod	946	13,850	1,255	823	212	309	265	7,654	3,085	938	344,127	479,891
11 Dundgovi	7,592	401	990	2,305	94	185	348	719	3,269	786	221,938	370,742
12 Zavkhan	356	159	1,741	1,935	4,680	9,698	6,465	264	1,391	627	436,356	722,528
13 Orkhon	6,339	9,805	20,504	6,636	12,499	6,887	39,801	5,800	7,361	5,263	1,569,687	2,125,800
14 Uvurkhangai	8,859	1,038	3,498	4,999	493	1,940	3,159	1,313	3,770	3,224	780,822	1,353,403
15 Umnugovi	162,499	286	746	776	107	188	413	964	579	194	301,826	490,826
16 Sukhbaatar	273	110,700	591	422	249	55	205	9,492	2,753	688	173,777	327,657
17 Selenge	3,627	987	136,572	4,429	2,285	2,348	5,731	968	1,915	1,652	774,267	1,087,671
18 Tuv	1,651	490	1,855	127,966	927	679	580	1,043	6,349	3,369	304,811	471,146
19 Uvs	217	88	1,255	641	115,694	15,127	3,327	176	2,092	2,173	411,606	601,564
20 Khovd	184	25	1,800	452	12,673	140,002	887	204	1,197	5,915	446,946	664,853
21 Khovsgul	471	285	4,230	561	1,104	1,243	219,408	291	796	556	313,073	606,572
22 Kheritii	923	5,719	601	1,591	204	211	35,281	195,270	15,253	1,504	279,977	563,780
23 Baganuur	1,809	3,398	1,649	10,043	1,270	1,400	947	13,944	8,141	7,034	324,026	412,287
24 Nalaikh	1,170	577	976	3,143	617	1,367	277	1,702	5,544	2,045	127,436	159,304
25 Total UB	293,266	155,675	306,966	205,377	233,934	353,974	256,674	227,947	468,090	119,542	6,339	6,752,537
Total	516,658	321,174	626,073	396,781	416,962	580,090	612,568	492,428	567,474	174,825	11,311,714	24,131,712
Breakdown of UB (25)												
UB automatic	213,566	105,548	225,333	143,766	69,349	227,434	100,595	130,800	392,921	101,740	0	4,575,538
Semi-automatic	64,421	32,993	60,146	24,173	5,626	88,326	12,107	43,380	71,605	16,457	0	1,167,499
UB manual	15,279	17,134	21,487	37,438	158,959	38,214	143,972	53,767	3,564	1,345	0	1,003,160
Total	293,266	155,675	306,966	205,377	233,934	353,974	256,674	227,947	468,090	119,542	---	6,746,198
(a) Domestic Calls												
Trunk (Aimag automatic)	134,456	48,285	672,474	53,078	316,106	56,516	119,757	83,672	155,634	34,550	4,575,539	12,016,221
Trunk (Semi-automatic)	121,069	100,177	240,426	274,922	19,693	451,273	110,852	207,027	224,985	113,258	1,167,499	6,402,978
Trunk (Manual)	72,802	68,495	38,199	15,180	150,071	17,062	156,555	42,781	23,527	9,451	1,003,160	2,325,231
Local (within Aimag)	162,499	110,700	136,572	127,966	115,694	140,002	219,408	230,300	8,141	2,045	6,339	3,387,282
Total	490,826	327,657	1,087,671	471,146	601,564	664,853	606,572	563,780	412,287	159,304	6,752,537	24,131,712
(b) International calls												
Automatic	2,602	498	7,535	2,530	3,178	8,257	1,524	9,910	8,197	911	4,355,947	4,602,603
Manual	499	12	245	0	882	0	76	559	145	1	12	12,856
Total	3,101	510	7,780	2,530	4,060	8,257	1,600	10,469	8,342	912	4,335,959	4,615,459
National Total (a+b)	493,927	328,167	1,095,451	473,676	605,624	673,110	608,172	574,249	420,629	160,216	11,088,496	28,747,171

Aimag Paid Minutes 2001 (1)

	Arkhangai	Bayan-Ulgii	Bayankhongor	Bulgan	Govi-Altai	Govisumber	Darkhan-Uul	Dornogovi	Dornod	Dundgovi	Zavkhan	Orkhon	Uvurkhangai
1 Aimag													
2 Arkhangai	162,902	31	2,984	2,456	636	313	5,644	390	239	761	1,768	6,705	3,220
3 Bayan-Ulgii	148	155,884	395	276	3,177	33	2,473	47	306	33	1,212	3,174	2,239
4 Bayankhongor	7,381	602	165,023	14,011	7,085	287	15,433	1,180	449	738	3,564	8,127	10,867
5 Bulgan	4,869	220	967	264,103	1,291	120	31,254	926	751	748	847	163,936	9,284
6 Govi-Altai	1,346	2,969	5,017	505	152,194	56,113	6,313	6,112	448	5,055	13,882	7,710	5,980
7 Govisumber	440	22	790	868	485	22,516	4,694	29,600	705	9,519	407	3,173	854
8 Darkhan-Uul	16,370	6,509	21,179	24,976	21,114	4,096	307,250	9,130	8,799	4,392	21,836	161,987	25,109
9 Dornogovi	745	474	1,380	1,574	515	8,543	5,829	195,797	4,757	3,010	850	3,516	2,110
10 Dornod	565	295	249	577	397	136	6,065	3,140	179,127	406	293	3,385	1,378
11 Dundgovi	1,309	91	934	757	1,498	5,249	3,486	5,653	951	176,877	941	3,196	7,131
12 Zavkhan	2,598	2,839	2,332	982	16,207	207	14,142	598	470	533	219,155	34,552	2,524
13 Orkhon	21,875	5,038	8,341	83,362	12,059	348	149,260	5,572	4,514	3,622	32,952	78,635	16,345
14 Uvurkhangai	9,415	2,411	11,187	3,915	5,192	775	12,711	1,643	1,723	2,439	2,275	11,997	415,104
15 Umnugovi	820	89	1,054	517	1,481	2,156	4,986	4,388	1,249	6,674	388	2,773	4,775
16 Sukhbaatar	211	55	136	86	180	278	1,457	7,517	22,119	218	414	1,102	537
17 Selenge	2,439	587	3,014	5,419	2,336	650	112,488	1,461	2,050	1,282	2,927	31,379	2,806
18 Tuv	1,681	126	1,671	1,637	1,924	761	8,342	2,442	1,198	3,105	1,880	5,269	3,275
19 Uvs	1,287	5,001	474	314	3,548	66	18,520	194	1,627	182	6,015	14,350	425
20 Khovd	1,019	21,212	1,323	524	14,994	49	12,813	740	560	199	10,193	4,877	581
21 Khuvsgul	4,476	455	444	4,646	641	1,456	14,872	852	715	431	6,032	27,798	1,405
22 Kheniti	246	465	306	376	301	894	4,309	11,419	9,981	689	227	2,506	323
23 Baganuur	2,128	267	1,594	1,136	2,093	2,439	7,798	3,953	3,586	2,053	1,290	4,470	2,732
24 Nalaikh	1,597	3,811	1,366	1,995	7,291	1,215	9,216	1,649	1,672	1,384	1,047	7,475	3,205
25 Total UB	231,574	159,418	282,526	265,042	340,977	50,187	798,217	215,964	380,918	309,592	304,858	676,905	456,055
Total	477,441	368,872	514,686	680,053	597,616	158,887	1,557,574	510,366	628,914	549,828	634,921	1,268,384	975,786
Breakdown of UB (25)													
UB automatic	131,729	111,327	202,843	213,824	227,500	27,672	661,049	160,003	259,699	221,143	133,938	593,458	345,156
Semi-automatic	56,727	44,915	64,852	49,254	87,327	5,832	129,426	32,339	105,499	56,603	50,368	77,296	104,408
UB manual	43,118	3,176	14,831	1,964	26,150	16,683	7,742	23,621	15,720	31,846	120,552	6,151	6,491
Total	231,574	159,418	282,526	265,042	340,977	50,187	798,217	215,964	380,918	309,592	304,858	676,905	456,055
(a) Domestic Calls													
Trunk (Aimag automatic)	467,747	210,337	223,333	402,584	243,195	156,597	3,468,267	177,753	405,438	437,404	243,881	2,397,004	692,555
Trunk (Semi-automatic)	109,873	152,902	293,854	345,486	361,327	169,343	629,639	244,404	247,031	144,260	382,817	362,901	430,441
Trunk (Manual)	49,992	19,229	151,303	407	48,135	18,526	85,034	94,051	14,799	14,611	92,502	14,157	5,939
Local (within Aimag)	162,902	155,884	177,857	264,103	208,068	22,516	307,250	195,797	179,127	192,763	219,155	78,635	415,104
Total	790,514	538,352	846,347	1,012,580	860,725	366,982	4,490,190	712,005	846,395	789,038	938,355	2,852,697	1,544,039
(b) International calls													
Automatic	2,126	29,752	1,721	7,900	2,706	1,333	49,652	2,283	6,215	52	4,403	140,471	2,750
Manual	0	68	64	0	209	0	1,339	141	666	723	387	2,819	13
Total	2,126	29,820	1,785	7,900	2,915	1,333	50,991	2,424	6,881	775	4,790	143,290	2,763
National Total (a+b)	792,640	568,172	848,132	1,020,480	863,640	368,315	4,541,181	714,429	853,276	789,813	943,145	2,995,987	1,546,802

Aimags Paid Minutes 2001 (2)

	Umnugovi	Sukhbaatar	Selenge	Tuv	Uvs	Khovd	Khuvsgul	Khentii	Baganuur	Nalaikh	Total UB	Total
1 Aimags												
2 Arkhangai	437	307	780	488	523	1,117	1,375	274	966	528	595,670	790,514
3 Bayan-Ulgii	254	1,994	501	293	7,148	21,253	447	845	533	2,951	332,736	538,352
4 Bayankhongor	2,596	203	2,306	979	638	2,556	750	548	1,570	1,358	598,094	846,347
5 Bulgan	1,230	146	7,456	2,695	1,102	1,633	6,616	980	1,776	1,702	507,928	1,012,580
6 Govi-Altai	1,974	715	1,744	1,424	3,046	9,155	6,181	730	2,422	36,897	532,793	860,725
7 Govisumber	7,070	1,348	1,297	1,058	827	202	336	4,675	9,437	1,619	265,040	366,982
8 Darkhan-Uul	10,589	4,020	173,236	14,126	24,935	20,379	31,784	8,572	14,214	9,472	3,546,116	4,490,190
9 Dornogovi	5,861	8,088	1,629	1,417	852	2,758	1,229	8,251	2,624	620	449,576	712,005
10 Dornod	1,094	18,268	1,621	1,671	623	584	515	10,306	4,332	2,099	609,069	846,395
11 Dundgovi	10,246	335	1,426	2,417	129	348	819	1,218	3,352	64,299	544,079	789,038
12 Zavkhan	331	174	2,409	1,710	8,010	13,234	8,078	346	2,072	1,101	603,751	938,355
13 Orkhon	5,362	2,126	39,887	5,376	10,800	8,715	43,577	4,933	7,084	3,762	2,299,152	2,852,697
14 Uvurkhangai	8,710	460	2,630	3,365	1,195	1,175	1,768	904	2,978	2,208	1,037,859	1,544,039
15 Umnugovi	220,434	286	1,321	1,068	173	143	367	1,239	1,083	328	472,082	729,874
16 Sukhbaatar	247	139,968	406	953	277	85	158	8,811	3,628	611	207,606	397,060
17 Selenge	2,843	925	179,804	2,643	3,691	3,048	5,426	915	3,324	1,998	867,539	1,240,994
18 Tuv	2,709	1,306	1,739	110,050	1,150	1,013	1,021	2,871	9,927	4,631	769,496	939,224
19 Uvs	487	102	1,410	933	146,098	20,941	3,499	193	1,949	2,604	562,040	792,259
20 Khovd	361	84	1,840	743	17,495	136,662	1,324	242	1,820	1,698	585,325	816,678
21 Khuvsgul	448	150	3,252	744	998	1,024	240,620	466	842	582	488,908	802,257
22 Khentii	1,769	6,420	811	1,607	158	263	346	243,121	18,006	2,912	389,528	696,983
23 Baganuur	1,526	4,060	1,276	9,847	1,416	1,847	1,033	16,519	11,651	5,654	402,313	492,678
24 Nalaikh	2,342	1,152	2,163	5,509	1,651	3,236	882	3,427	13,653	39,520	501,110	617,568
25 Total UB	314,367	217,397	293,252	199,786	349,864	355,533	289,400	291,935	339,218	159,645	11,728	7,294,357
Total	606,785	409,997	723,806	371,422	582,750	606,841	647,214	612,317	458,944	285,210	17,179,538	31,408,151
Breakdown of UB (25)												
UB automatic	233,865	134,682	232,363	139,568	200,190	244,402	140,452	180,170	280,148	151,054	0	5,226,236
Semi-automatic	61,959	38,975	54,146	44,593	81,782	88,673	48,912	54,904	54,943	8,314	0	1,402,048
UB manual	18,542	43,740	6,743	15,625	67,892	22,458	100,036	56,860	4,127	277	0	654,345
Total	314,367	217,397	293,252	199,786	349,864	355,533	289,400	291,935	339,218	159,645	---	7,282,629
(a) Domestic Calls												
Trunk (Aimag automatic)	292,939	65,997	794,360	502,803	517,873	149,049	212,300	203,452	202,599	505,531	5,226,235	18,199,233
Trunk (Semi-automatic)	150,614	114,698	239,810	320,027	65,180	521,292	168,267	206,032	262,494	71,344	1,402,048	7,396,084
Trunk (Manual)	65,887	76,397	27,020	6,344	63,108	9,675	181,070	44,378	15,935	1,177	654,345	1,754,021
Local (within Aimag)	220,434	139,968	179,804	110,050	146,098	136,662	240,620	243,121	11,651	39,516	11,728	4,058,813
Total	729,874	397,060	1,240,994	939,224	792,259	816,678	802,257	696,983	492,679	617,568	7,294,356	31,408,151
(b) International calls												
Automatic	1,418	885	6,240	3,456	13,650	9,007	1,916	9,538	16,345	5,054	4,342,429	4,661,302
Manual	414	34	151	0	384	0	360	471	36	0	0	8,279
Total	1,832	919	6,391	3,456	14,034	9,007	2,276	10,009	16,381	5,054	4,342,429	4,669,581
National Total (a+b)	731,706	397,979	1,247,385	942,680	806,293	825,685	804,533	706,992	509,060	622,622	11,636,785	36,077,732

Aimag Paid Minutes 2002 First Half (1)

	Arkhangai	Bayan-Ulgii	Bayankhongor	Bulgan	Govii-Altai	Govisumber	Darkhan-Uul	Dornogovi	Dornod	Dundgovi	Zavkhan	Orkhon	Uvurkhangai
1 Aimag													
2 Arkhangai	88,853	46	1,259	1,408	390	89	4,388	146	122	233	696	7,385	2,912
3 Bayan-Ulgii	31	134,266	153	123	3,561	49	1,331	321	439	32	1,056	2,706	208
4 Bayankhongor	5,542	580	136,190	651	4,939	106	11,044	938	398	1,009	2,388	3,753	7,613
5 Bulgan	3,598	124	452	138,814	423	132	15,499	494	1,036	223	644	78,180	4,618
6 Govii-Altai	782	3,085	2,642	369	154,297	43	10,980	464	266	461	11,468	6,117	3,207
7 Govisumber	355	31	266	428	350	19,732	3,065	11,011	592	6,056	138	1,622	625
8 Darkhan-Uul	7,211	3,249	10,658	11,299	11,733	1,355	102,774	3,898	4,002	2,165	10,066	71,184	10,368
9 Dornogovi	3,913	1,594	3,451	12,939	3,572	7,258	5,081	80,186	4,568	4,171	3,298	2,137	5,058
10 Dornod	359	461	166	444	255	107	4,137	2,566	90,475	209	313	2,432	1,288
11 Dundgovi	878	23	833	283	1,244	5,118	2,326	3,696	879	102,376	276	2,109	3,255
12 Zavkhan	2,166	1,641	1,754	548	11,283	82	11,020	394	827	308	129,720	17,569	2,122
13 Orkhon	10,369	3,193	3,737	42,043	7,547	790	80,785	1,828	2,492	1,057	14,597	36,393	7,658
14 Uvurkhangai	15,533	1,824	10,905	4,186	4,477	335	12,207	1,294	1,828	3,053	1,574	12,175	307,775
15 Umnugovi	689	176	2,430	392	747	1,706	4,793	3,737	2,147	7,725	335	2,953	4,467
16 Sukhbaatar	106	62	362	274	228	355	1,495	6,706	22,830	875	241	1,199	748
17 Selenge	2,760	279	1,609	2,738	1,118	136	61,692	465	896	628	1,431	13,504	1,459
18 Tuv	1,114	36	1,097	960	883	215	4,468	983	871	2,109	1,154	2,357	1,395
19 Uvs	736	5,150	561	164	2,382	313	9,963	111	844	206	4,718	6,181	1,147
20 Khovd	7,736	27,393	5,069	2,224	19,264	104	19,376	2,883	3,636	2,674	13,397	6,902	2,338
21 Khovsgul	3,488	598	471	3,344	517	250	12,735	1,245	651	195	6,734	21,076	1,196
22 Khentii	14,977	352	261	401	185	812	3,422	5,068	7,666	1,005	473	2,659	446
23 Baganuur	996	111	978	563	1,005	1,610	2,765	1,266	1,545	1,188	413	1,832	901
24 Nalaikh	1,314	2,722	1,151	1,292	3,249	512	5,525	902	912	675	651	3,984	2,076
25 Total UB	148,939	97,217	173,193	147,443	193,395	19,530	399,273	104,609	236,487	142,905	217,910	350,038	211,454
Total	322,445	284,213	359,649	373,331	427,043	60,739	790,144	235,211	386,410	281,538	423,691	656,448	583,738
Breakdown of UB (25)													
UB automatic	120,705	82,289	146,529	133,118	159,600	14,984	361,457	92,121	197,556	120,945	166,539	329,910	187,211
Semi-automatic	27,723	14,860	26,483	14,221	33,189	3,832	37,507	11,786	38,591	21,067	49,279	20,039	23,890
UB manual	511	68	182	105	606	715	309	702	340	893	2,092	89	353
Total	148,939	97,217	173,193	147,443	193,395	19,530	399,273	104,609	236,487	142,905	217,910	350,038	211,454
(a) Domestic Calls													
Trunk (Aimag automatic)	327,788	229,242	324,735	207,594	252,695	103,475	1,376,537	513,511	356,029	255,282	279,656	1,258,364	516,672
Trunk (Semi-automatic)	79,633	78,105	199,579	178,906	229,272	93,919	382,569	94,880	193,126	73,444	247,029	193,404	242,214
Trunk (Manual)	4,903	0	9,922	2	0	0	127	27,472	70	0	10,151	1,436	4,886
Local (within Aimag)	88,853	134,266	136,190	138,814	154,297	19,732	102,774	80,186	90,475	102,376	129,720	36,393	307,775
Total	501,177	441,613	670,426	525,316	636,264	217,126	1,862,007	716,049	639,700	431,102	666,556	1,489,597	1,071,547
(b) International calls													
Automatic	2,636	33,081	1,565	4,416	2,650	5,991	40,346	2,433	11,124	418	3,958	86,699	4,335
Manual	0	0	622	0	0	0	58	41	0	1,031	133	1,383	0
Total	2,636	33,081	2,187	4,416	2,650	5,991	40,404	2,474	11,124	1,449	4,091	88,082	4,335
National Total (a+b)	503,813	474,694	672,613	529,732	638,914	223,117	1,902,411	718,523	650,824	432,551	670,647	1,577,679	1,075,882

Aimag Paid Minutes 2002 First Half (2)

	Umnugovi	Sukhbaatar	Selenge	Tuv	Uvs	Khovd	Khuvsdul	Khentii	Baganuur	Nalaikh	Total UB	Total
1 Aimag												
2 Arkhangai	303	132	555	482	238	605	1,161	176	412	314	388,872	501,177
3 Bayan-Ulgii	269	13	242	176	7,745	18,420	670	176	214	1,604	267,808	441,613
4 Bayankhongor	2,948	143	1,123	893	939	1,826	947	491	1,550	653	483,763	670,426
5 Bulgan	747	235	3,176	1,531	199	925	5,072	506	855	846	266,987	525,316
6 Govi-Altai	1,142	979	490	914	1,636	9,380	2,766	380	1,304	1,739	422,110	636,264
7 Govisumber	4,011	691	597	316	355	172	231	3,105	4,928	1,197	157,252	217,126
8 Darkhan-Uul	4,310	1,439	80,941	6,857	12,592	8,274	13,901	4,761	4,953	4,355	1,469,482	1,862,007
9 Dornogovi	6,487	7,488	3,447	10,714	3,278	2,766	1,617	7,691	2,739	1,453	531,143	716,049
10 Dornod	997	15,887	970	1,164	1,032	291	783	7,218	2,835	919	504,392	639,700
11 Dundgovi	14,817	491	654	2,416	49	240	487	744	2,410	469	285,029	431,102
12 Zavkhan	513	35	1,203	795	5,431	9,872	6,099	351	506	577	461,740	666,556
13 Orkhon	3,534	972	12,399	4,438	5,411	4,077	18,915	1,659	2,889	1,810	1,221,004	1,489,597
14 Uvurkhangai	8,434	242	1,704	2,391	574	1,642	2,118	676	2,558	2,621	671,421	1,071,547
15 Umnugovi	158,373	275	1,409	1,346	215	347	554	1,475	1,363	570	474,626	672,850
16 Sukhbaatar	280	110,846	963	788	659	242	94	7,396	2,266	897	303,086	462,998
17 Selenge	1,673	15,038	88,904	1,657	2,903	1,844	3,289	793	636	604	423,414	629,470
18 Tuv	1,370	906	813	55,890	899	470	766	1,176	3,619	2,501	619,635	705,687
19 Uvs	171	207	1,125	1,249	127,082	17,228	2,549	582	578	558	379,737	563,542
20 Khovd	3,184	1,353	3,553	3,691	19,018	191,244	7,087	2,380	4,720	8,450	354,951	712,627
21 Khuvsdul	383	246	2,240	552	2,035	1,353	164,296	565	526	708	378,855	604,259
22 Khentii	967	6,149	1,285	1,224	96	135	342	130,627	9,917	3,515	337,155	529,139
23 Baganuur	738	1,647	406	4,086	699	826	655	6,302	6,260	2,061	153,780	192,634
24 Nalaikh	1,474	813	1,358	8,306	1,009	2,228	1,053	2,073	7,548	21,036	354,149	426,012
25 Total UB	176,073	119,723	159,867	109,839	206,556	197,395	210,449	152,240	148,789	92,410	20,025	4,035,760
Total	392,884	285,999	369,298	221,840	400,795	473,564	443,982	333,552	214,570	151,959	10,930,416	19,403,458
Breakdown of UB (25)												
UB automatic	154,914	102,393	144,388	94,123	169,396	164,589	165,987	115,021	137,206	90,351	0	3,451,332
Semi-automatic	20,932	17,077	15,208	15,293	36,313	32,541	42,867	24,071	11,426	2,032	0	540,226
UB manual	227	253	271	423	847	265	1,595	13,148	156	27	0	24,177
Total	176,073	119,723	159,867	109,839	206,556	197,395	210,449	152,240	148,789	92,410	---	4,015,735
(a) Domestic Calls												
Trunk (Aimag automatic)	357,937	224,026	386,606	536,349	283,838	304,328	244,317	193,588	80,523	350,596	3,451,332	12,415,020
Trunk (Semi-automatic)	154,874	112,332	125,171	113,038	150,938	217,055	163,603	201,560	105,546	54,380	540,226	4,224,803
Trunk (Manual)	1,666	15,794	14,282	410	1,684	0	32,043	3,364	305	0	24,177	152,694
Local (within Aimag)	158,373	110,846	103,411	55,890	127,082	191,244	164,296	130,627	6,260	21,036	20,025	2,610,941
Total	672,850	462,998	629,470	705,687	563,542	712,627	604,259	529,139	192,634	426,012	4,035,760	19,403,458
(b) International calls												
Automatic	3,390	639	5,433	5,073	8,228	13,902	3,192	7,640	4,476	5,304	2,480,700	2,737,629
Manual	3	25	35	0	0	0	0	3	0	0	0	3,334
Total	3,393	664	5,468	5,073	8,228	13,902	3,192	7,643	4,476	5,304	2,480,700	2,740,963
National Total (a+b)	676,243	463,662	634,938	710,760	571,770	726,529	607,451	536,782	197,110	431,316	6,516,460	22,144,421

Annex 6.6

Macroscopic Traffic Forecast of Internet

All Mongolia

Unit: kbps

No	Name of Aimag	(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)
1	Arkhangai	791	623	38,566	20,481	224,630	84,657
2	Bayan-Ulgii	849	439	41,385	14,424	241,054	59,624
3	Bayankhongor	1,067	688	51,999	22,606	302,878	93,443
4	Bulgan	440	564	21,447	18,528	124,923	76,586
5	Govi-Altai	652	471	31,776	15,469	185,082	63,941
6	Dornogovi	838	453	40,843	14,884	237,895	61,524
7	Dornod	935	280	45,554	9,186	265,337	37,970
8	Dundgovi	346	282	16,850	9,278	98,145	38,349
9	Zavkhan	546	506	26,629	16,612	155,106	68,668
10	Uvurkhangai	645	630	31,422	20,707	183,022	85,593
11	Umnugovi	642	379	31,281	12,465	182,200	51,523
12	Sukhbaatar	613	403	29,867	13,234	173,965	54,705
13	Selenge	830	909	40,448	29,860	235,594	123,425
14	Tuv	584	729	28,445	23,937	165,680	98,945
15	Uvs	611	403	29,787	13,251	173,501	54,772
16	Khovd	932	447	45,404	14,676	264,459	60,665
17	Khuvsgul	1,346	830	65,576	27,280	381,957	112,763
18	Khentii	660	626	32,147	20,581	187,243	85,071
19	Darkhan-Uul	2,348	173	114,422	5,675	666,465	23,458
20	Orkhon	15,645	231	762,394	7,587	4,440,667	31,360
21	Govisumber	314	47	15,294	1,529	89,082	6,322
Aimag Total (1)		31,633	10,112	1,541,535	332,250	8,978,882	1,373,366
22	Nalaikh	2,140	94	104,266	3,090	607,310	12,773
23	Baganuur	2,210	0	107,710	0	627,372	0
District Total (2)		4,350	94	211,976	3,090	1,234,682	12,773
Aimag & Dist Total (1)+(2)		35,983	10,207	1,753,510	335,340	10,213,564	1,386,139
24	Ulaanbaatar	108,948	0	7,186,729	0	72,363,360	0
UB Total (3)		108,948	0	7,186,729	0	72,363,360	0
Mongolia Total (1)+(2)+(3)		144,931	10,207	8,940,239	335,340	82,576,923	1,386,139
		155,138		9,275,579		83,963,062	

Annex 6.6

Macroscopic Traffic Forecast of Internet

ARKHANGAI

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag centre	791	0	38,566	0	224,630	0	155	310
2	Battsengel		34		1,131		4,676	4	10
3	Bulgan		23		766		3,168	4	10
4	Zargalant		35		1,163		4,808	4	10
5	Ikhtamir		46		1,508		6,233	4	10
6	Ugiinuur		28		913		3,773	4	10
7	Ulziit		28		927		3,830	4	10
8	Undur-Ulaan		44		1,434		5,926	4	10
9	Tariat		42		1,394		5,761	4	10
10	Tuvshruuleh		35		1,165		4,814	4	10
11	Tsakhir		22		718		2,968	2	10
12	Tsenkher		40		1,308		5,405	4	10
13	Tsetserleg		35		1,140		4,712	4	10
14	Chuluut		31		1,030		4,256	4	10
15	Khairkhan		32		1,062		4,391	4	10
16	Khangai		29		943		3,898	4	10
17	Khashaat		31		1,029		4,253	4	10
18	Khotont		41		1,356		5,606	4	10
19	Erdenemandal		45		1,495		6,179	4	10
		791	623	38,566	20,481	224,630	84,657		
			1,415		59,046		309,287		

Annex 6.6

Macroscopic Traffic Forecast of Internet

BAYAN-ULGII

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	849	0	41,385	0	241,054	0	155	310
2	Altai		27		871		3,601	4	10
3	Altantsugts		24		788		3,259	4	10
4	Baynnuur		34		1,133		4,685	4	10
5	Bugat		25		817		3,377	4	10
6	Bulgan		34		1,127		4,660	4	10
7	Buyant		23		743		3,070	4	10
8	Deluun		44		1,432		5,918	4	10
9	Nogoonnuur		41		1,356		5,604	4	10
10	Tolbo		30		974		4,026	4	10
11	Ulaankhus		44		1,444		5,971	4	10
12	Sagsai		31		1,004		4,152	4	10
13	Tsengel		42		1,390		5,748	4	10
14	Khotgor		19		622		2,572	2	10
15	Tsagaannuur		22		721		2,981	2	10
		849	439	41,385	14,424	241,054	59,624		
			1,288		55,810		300,677		

Annex 6.6

Macroscopic Traffic Forecast of Internet

BAYANKHONGOR

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	1,067	17	51,999	555	302,878	2,293	155	310
2	Shargaljuut		6		186		769	2	10
3	Ulziit		38		1,236		5,111	4	10
4	Jinst		27		892		3,689	4	10
5	Bogd		34		1,109		4,583	4	10
6	Bayanlig		38		1,240		5,124	4	10
7	Bayangobi		32		1,044		4,317	4	10
8	Baantsagaan		41		1,349		5,578	4	10
9	Bayantsagaan		38		1,260		5,208	4	10
10	Bayan-Undur		28		929		3,838	4	10
11	Shinejinst		28		909		3,758	4	10
12	Bumbugur		30		981		4,057	4	10
13	Buutsagaan		44		1,441		5,954	4	10
14	Khureemara		28		920		3,803	4	10
15	Bayanbulag		27		874		3,611	4	10
16	Gurbanbulag		31		1,006		4,159	4	10
17	Zag		29		938		3,878	4	10
18	Jargalant		45		1,486		6,144	4	10
19	Galuut		49		1,595		6,595	4	10
20	Bayan-Oboo		33		1,080		4,464	4	10
21	Erdenetsogt		48		1,575		6,511	4	10
		1,067	688	51,999	22,606	302,878	93,443		
			1,755		74,606		396,321		

Annex 6.6

Macroscopic Traffic Forecast of Internet

BULGAN

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	440	19	21,447	622	124,923	2,572	155	155
2	Bayan-Agt		30		985		4,070	4	10
3	Bayannuur		24		777		3,213	4	10
4	Bugat		25		811		3,351	2	10
5	Buregkhangai		29		941		3,890	4	10
6	Gurbanbulag		36		1,181		4,883	4	10
7	Dashinchilen		32		1,050		4,341	4	10
8	Mogod		28		926		3,828	4	10
9	Orkhon		35		1,160		4,793	4	10
10	Rashaant		38		1,240		5,126	4	10
11	Saikhan		41		1,331		5,502	4	10
12	Selenge		40		1,324		5,475	4	10
13	Teshig		33		1,083		4,477	4	10
14	Khangal		50		1,655		6,840	4	10
15	Khishi-Undur		38		1,241		5,131	4	10
16	Khutag		46		1,496		6,183	4	10
17	Khyalganat		21		704		2,912	2	10
		440	564	21,447	18,528	124,923	76,586		
			1,004		39,975		201,509		

Annex 6.6

Macroscopic Traffic Forecast of Internet

GOBI-ALTAI

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	652	13	31,776	434	185,082	1,792	155	155
2	Altai		25		819		3,387	4	10
3	Bayan-Uul		35		1,156		4,778	4	10
4	Bayantooroo		4		136		561	2	10
5	Biger		25		809		3,345	4	10
6	Bugat		25		828		3,423	4	10
7	Darvi		21		696		2,877	2	10
8	Delger		36		1,170		4,836	4	10
9	Jargalan		26		844		3,488	4	10
10	Taishir		14		451		1,864	2	10
11	Tonkhil		28		905		3,742	4	10
12	Tugrug		21		702		2,902	2	10
13	Khaliun		27		879		3,631	4	10
14	Khukhmort		25		810		3,349	4	10
15	Tsogt		38		1,252		5,176	4	10
16	Tseel		25		813		3,359	4	10
17	Chandmani		26		859		3,552	4	10
18	Sharga		23		755		3,120	4	10
19	Erdene		24		774		3,200	4	10
20	Guulin		11		377		1,559	2	10
		652	471	31,776	15,469	185,082	63,941		
			1,123		47,244		249,023		

Annex 6.6

Macroscopic Traffic Forecast of Internet

DORNOGOVI

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	838	8	40,843	271	237,895	1,120	155	310
2	Airag		40		1,308		5,409	4	10
3	Altanshiree		21		688		2,843	2	10
4	Dalanjargalan		26		861		3,558	4	10
5	Delgerekh		23		749		3,097	4	10
6	Ikhkheth		34		1,104		4,564	4	10
7	Mandakh		22		739		3,056	4	10
8	Urgun		26		855		3,536	4	10
9	Saikhandulaan		13		438		1,811	2	10
10	Ulaanbadrakh		22		717		2,964	2	10
11	Khatanbulag		30		997		4,121	4	10
12	Khuvsgul		21		690		2,853	2	10
13	Erdene		32		1,061		4,385	4	10
14	Zuunbayan		32		1,040		4,299	4	10
15	Zamiin-Uud		77		2,546		10,524	4	16
16	Zulegt		5		149		617	2	10
17	Khajuuulaan		16		520		2,150	2	10
18	Sulinkheer		5		149		617	2	10
		838	453	40,843	14,884	237,895	61,524		
			1,291		55,727		299,419		

Annex 6.6

Macroscopic Traffic Forecast of Internet

DORNOD

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	935	5	45,554	179	265,337	738	155	310
2	Khalkhgol		24		790		3,267	4	10
3	Matad		18		600		2,481	2	10
4	Khulunbuir		12		381		1,576	2	10
5	Bayantumen		17		566		2,338	2	10
6	Tsagaan-Ovoo		22		712		2,942	2	10
7	Bayan-uul		32		1,064		4,397	4	10
8	Bayandun		20		643		2,657	2	10
9	Dashbalbar		23		745		3,080	4	10
10	Gurbanzagal		10		340		1,407	2	10
11	Kherlen /Choibalsan/		21		699		2,891	2	10
12	Ereentsav		36		1,187		4,905	4	10
13	Bulgan		18		575		2,377	2	10
14	Sergelen		18		594		2,456	2	10
15	Sumber		3		111		458	2	10
		935	280	45,554	9,186	265,337	37,970		
			1,214		54,740		303,307		

Annex 6.6

Macroscopic Traffic Forecast of Internet

DUNDGOBI

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	346	12	16,850	386	98,145	1,597	32	155
2	Adaatsag		22		725		2,995	2	10
3	Delgertsogt		20		664		2,744	2	10
4	Deren		20		659		2,723	2	10
5	Gobi-Ugtaal		18		586		2,422	2	10
6	Gurbansaikhan		19		638		2,636	2	10
7	Tsagaandelger		12		401		1,656	2	10
8	Bayanjargalan		10		342		1,412	2	10
9	Undurshil		11		362		1,496	2	10
10	Ulziit		21		680		2,812	2	10
11	Khuld		20		644		2,662	2	10
12	Luus		18		605		2,501	2	10
13	Saikhan-Ovoo		20		662		2,735	2	10
14	Delgerkhangai		20		642		2,654	2	10
15	Erdenedalai		39		1,283		5,304	4	10
		346	282	16,850	9,278	98,145	38,349		
			628		26,127		136,494		

Annex 6.6

Macroscopic Traffic Forecast of Internet

ZAVKHAN

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	546	0	26,629	0	155,106	0	155	155
2	Aldarkhaan		28		932		3,851	4	10
3	Asgat		7		240		991	2	10
4	Bayantes		21		693		2,864	2	10
5	Bayankhairkhan		19		639		2,639	2	10
6	Bulnai		20		656		2,713	2	10
7	Durvulzin		11		353		1,459	2	10
8	Zavkhanmandal		24		776		3,207	4	10
9	Ider		37		1,217		5,030	4	10
10	Ikh-Uul		19		641		2,648	2	10
11	Numrug		23		769		3,178	4	10
12	Otgon		19		621		2,566	2	10
13	Santmargaz		19		614		2,540	2	10
14	Songino		61		2,015		8,331	4	10
15	Tudevtei		20		650		2,685	2	10
16	Tes		25		819		3,384	4	10
17	Telmen		23		752		3,110	4	10
18	Urgamai		18		592		2,448	2	10
19	Tsagaankharkhan		13		434		1,794	2	10
20	Tsagaanchuluut		12		398		1,646	2	10
21	Tsetsenuul		22		723		2,988	2	10
22	Shiluustei		22		735		3,037	4	10
23	Erdenekhairkhan		19		626		2,587	2	10
24	Yaruu		22		719		2,971	2	10
		546	506	26,629	16,612	155,106	68,668		
			1,052		43,242		223,774		

Annex 6.6

Macroscopic Traffic Forecast of Internet

UVURKHANGAI

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	645	6	31,422	210	183,022	867	155	155
2	Bayan-Undur		28		922		3,810	4	10
3	Burd		25		812		3,356	4	10
4	Bat-Ulzii		34		1,101		4,551	4	10
5	BB-Ulaan		21		696		2,877	2	10
6	Bayangol		29		946		3,909	4	10
7	Guchin-Us		20		654		2,703	2	10
8	Esonzuii		27		871		3,602	4	10
9	Ulziit		24		780		3,222	4	10
10	ZB Ulaan		30		994		4,110	4	10
11	Bogd		34		1,122		4,639	4	10
12	Nariinteel		28		911		3,765	4	10
13	Sant		27		899		3,717	4	10
14	Taragt		28		931		3,847	4	10
15	Tugrug		21		701		2,896	2	10
16	Uyanga		55		1,810		7,483	4	10
17	Kharkhandulaan		26		846		3,495	4	10
18	Khuzirt		53		1,747		7,223	4	10
19	Kharkhorin		110		3,603		14,895	4	16
20	Bayanteeg		5		151		622	2	10
		645	630	31,422	20,707	183,022	85,593		
			1,275		52,129		268,615		

Annex 6.6

Macroscopic Traffic Forecast of Internet

UMNUGOBI

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	642	5	31,281	175	182,200	725	155	155
2	Bayandalai		26		869		3,594	4	10
3	Bayan-Ovoo		20		659		2,724	2	10
4	Bulgan		28		904		3,735	4	10
5	Gurbantes		33		1,082		4,471	4	10
6	Mandal-Ovoo		26		854		3,529	4	10
7	Manlai		26		852		3,521	4	10
8	Nomgon		34		1,128		4,664	4	10
9	Noyon		22		715		2,954	2	10
10	Sevrei		26		844		3,488	4	10
11	Khanbogd		25		815		3,370	4	10
12	Khankhongor		27		892		3,685	4	10
13	Khurmen		23		758		3,132	4	10
14	Tsogt-Ovoo		22		716		2,960	2	10
15	Tsogttsetsii		24		799		3,302	4	10
16	Tavantolgoi		12		404		1,670	2	10
		642	379	31,281	12,465	182,200	51,523		
			1,021		43,746		233,723		

Annex 6.6

Macroscopic Traffic Forecast of Internet

SUKHBAATAR

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	613	15	29,867	490	173,965	2,026	155	155
2	Dariganga		27		881		3,640	4	10
3	Naran		16		529		2,187	2	10
4	Ongon		37		1,230		5,083	4	10
5	Bayandelger		39		1,268		5,243	4	10
6	Khalzan		22		728		3,008	4	10
7	Uulbayan		38		1,249		5,161	4	10
8	Munkhkhaan		40		1,301		5,379	4	10
9	Sukhbaatar		31		1,005		4,154	4	10
10	Erdenetsagaan		50		1,639		6,776	4	10
11	Tumentsogt		32		1,056		4,366	4	10
12	Tuvsinshiree		30		989		4,089	4	10
13	Asgat		22		724		2,993	2	10
14	Talbulag (uurkhai)		4		145		600	2	10
		613	403	29,867	13,234	173,965	54,705		
			1,016		43,102		228,670		

Annex 6.6

Macroscopic Traffic Forecast of Internet

SELENGE

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	830	1	40,448	31	235,594	128	155	310
2	Altanbulag		38		1,234		5,103	4	10
3	Eruu		45		1,469		6,074	4	10
4	Zuunburen		35		1,159		4,792	4	10
5	Khushaat		13		437		1,807	2	10
6	Orkhon		26		851		3,517	4	10
7	Sant		25		836		3,455	4	10
8	Khuder		16		520		2,151	2	10
9	Tsagaannuur		47		1,535		6,344	4	10
10	Bugant		26		839		3,468	4	10
11	Orkhontuul		46		1,513		6,255	4	10
12	Baruunburen		30		988		4,084	4	10
13	Dulaankhaan		13		420		1,734	2	10
14	Javkhiant		20		649		2,681	2	10
15	Shaamar		41		1,334		5,514	4	10
16	Tushig		22		722		2,983	2	10
17	Saikhan		71		2,334		9,646	4	10
18	Khutul		48		1,563		6,461	4	10
19	Zuunkharaa		271		8,912		36,839	32	32
20	Bayangol (Baruunharaa)		60		1,960		8,101	4	10
21	Tunkhel		17		553		2,288	2	10
		830	909	40,448	29,860	235,594	123,425		
			1,739		70,307		359,019		

Annex 6.6

Macroscopic Traffic Forecast of Internet

TUV

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	584	0	28,445	0	165,680	0	155	155
2	Altanbulag		27		882		3,645	4	10
3	Argalant		22		714		2,951	2	10
4	Batsumber		45		1,480		6,118	4	10
5	Bayan		24		781		3,228	4	10
6	Bayan-Unzuul		22		718		2,967	2	10
7	Bayanjargalan		18		604		2,496	2	10
8	Bayankhangai		20		645		2,666	2	10
9	Bayantsagaan		23		762		3,149	4	10
10	Bayantsogt		24		781		3,226	4	10
11	Bornuur		36		1,175		4,856	4	10
12	Buren		27		887		3,666	4	10
13	Delgerkhaan		22		715		2,956	2	10
14	Jargalant		49		1,613		6,667	4	10
15	Zaamar		43		1,402		5,796	4	10
16	Lun		31		1,019		4,212	4	10
17	Undurshireet		23		745		3,078	4	10
18	Sergelen		20		667		2,758	2	10
19	Sumber		24		781		3,230	4	10
20	Ugtaal		30		996		4,115	4	10
21	Tseel		33		1,070		4,423	4	10
22	Erdene		26		868		3,587	4	10
23	Erdenesant		41		1,343		5,553	4	10
24	Arkhusht		21		682		2,817	2	10
25	Bayanchandmani		33		1,079		4,461	4	10
26	Zanchivlan		4		141		584	2	10
27	Bayandelger		20		658		2,719	2	10
28	Mungunmorit		22		731		3,020	4	10
		584	729	28,445	23,937	165,680	98,945		
			1,312		52,382		264,625		

Annex 6.6

Macroscopic Traffic Forecast of Internet

UVS

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	611	5	29,787	149	173,501	614	155	155
2	Baruunturuun		28		922		3,813	4	10
3	Bokhmurun		18		601		2,483	2	10
4	Davst		12		381		1,574	2	10
5	Zavkhan		19		615		2,543	2	10
6	Zuungobi		19		629		2,599	2	10
7	Zuunkhangai		20		641		2,651	2	10
8	Malchin		20		649		2,684	2	10
9	Naranbulag		25		810		3,349	4	10
10	Ulgii		19		611		2,525	2	10
11	Umnugobi		25		814		3,365	4	10
12	Undurkhangai		24		796		3,291	4	10
13	Sagil		18		600		2,479	2	10
14	Tarialan		29		966		3,994	4	10
15	Turgen		18		589		2,434	2	10
16	Tes		30		995		4,112	4	10
17	Kharkhira		16		530		2,192	2	10
18	Khovd		18		589		2,434	2	10
19	Khyrgas		20		643		2,658	2	10
20	Tsagaankhairkhan		22		720		2,977	2	10
		611	403	29,787	13,251	173,501	54,772		
			1,015		43,038		228,273		

Annex 6.6

Macroscopic Traffic Forecast of Internet

KHOVD

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	932	0	45,404	0	264,459	0	155	310
2	Altai		25		815		3,367	4	10
3	Bulgan		58		1,902		7,863	4	10
4	Buyant		26		851		3,517	4	10
5	Darvi		23		767		3,170	4	10
6	Durgun		24		774		3,201	4	10
7	Duut		19		640		2,646	2	10
8	Zereg		26		847		3,500	4	10
9	Mankhan		33		1,096		4,530	4	10
10	Munkhkhaan		20		651		2,692	2	10
11	Must		29		955		3,947	4	10
12	Myngad		27		893		3,691	4	10
13	Uench		33		1,072		4,431	4	10
14	Khovd		31		1,008		4,167	4	10
15	Tsetseg		23		763		3,155	4	10
16	Chandman		25		832		3,439	4	10
17	Erdeneburen		25		810		3,349	4	10
		932	447	45,404	14,676	264,459	60,665		
			1,378		60,080		325,124		

Annex 6.6

Macroscopic Traffic Forecast of Internet

KHUVSGUL

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	1,346	0	65,576	0	381,957	0	155	310
2	Alag-Erdene		29		968		4,003	4	10
3	Arbulag		39		1,283		5,303	4	10
4	Bayanzurkh		36		1,181		4,881	4	10
5	Burentogtokh		39		1,282		5,300	4	10
6	Burenkhaan		10		333		1,378	2	10
7	Galt		41		1,359		5,619	4	10
8	Jargalant		43		1,408		5,821	4	10
9	Ikh-Uul		36		1,198		4,951	4	10
10	Rashaant		32		1,045		4,318	4	10
11	Renchinkhumbe		37		1,207		4,989	4	10
12	Tarialan		55		1,805		7,460	4	10
13	Tosontsengel		37		1,208		4,995	4	10
14	Tumurbulag		36		1,181		4,881	4	10
15	Tunel		33		1,092		4,516	4	10
16	Ulaan-Uul		33		1,089		4,502	4	10
17	Khankh		26		863		3,565	4	10
18	Khatgal		36		1,183		4,891	4	10
19	Tsagaannuur		15		490		2,026	2	10
20	Tsagaan-uul		46		1,508		6,233	4	10
21	Tsagaan-uur		26		867		3,585	4	10
22	Tsetserleg		46		1,508		6,233	4	10
23	Chandman Undur		31		1,017		4,205	4	10
24	Shine-Ider		37		1,229		5,080	4	10
25	Erdenebulgan		30		974		4,027	4	10
		1,346	830	65,576	27,280	381,957	112,763		
			2,176		92,856		494,720		

Annex 6.6

Macroscopic Traffic Forecast of Internet

KHENTII

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	660	14	32,147	471	187,243	1,945	155	155
2	Galshar		26		849		3,511	4	10
3	Bayankhutagt		23		768		3,174	4	10
4	Darkhan		22		730		3,016	4	10
5	Bayanmunkh		21		685		2,833	2	10
6	Delgerkhaan		34		1,127		4,657	4	10
7	Jargalkhaan		23		749		3,097	4	10
8	Tsenkhermandal		22		736		3,043	4	10
9	Murun		25		814		3,367	4	10
10	Umnudelger		52		1,702		7,036	4	10
11	Bayanadruga		26		864		3,572	4	10
12	Binder		38		1,250		5,167	4	10
13	Batshireet		26		848		3,505	4	10
14	Batnorov		29		963		3,979	4	10
15	Berkh		48		1,584		6,547	4	10
16	Bayan-Ovoo		16		539		2,226	2	10
17	Khajuu-Ulaan		29		966		3,992	4	10
18	Norovlin		29		957		3,957	4	10
19	Dadal		31		1,018		4,208	4	10
20	Ulziit		7		222		917	2	10
21	Gurbanbulag		15		483		1,996	2	10
22	Bor-Undur		69		2,256		9,326	4	10
		660	626	32,147	20,581	187,243	85,071		
			1,286		52,727		272,314		

Annex 6.6

Macroscopic Traffic Forecast of Internet

DARKHAN-UUL

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	2,348	0	114,422	0	666,465	0	155	620
2	Shariin gol		105		3,435		14,200	4	16
3	Khongor		40		1,299		5,370	4	10
4	Orkhon		29		941		3,888	4	10
		2,348	173	114,422	5,675	666,465	23,458		
			2,521		120,097		689,923		

Annex 6.6

Macroscopic Traffic Forecast of Internet

ORKHON

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	15,645	85	762,394	2,795	4,440,667	11,554	155	4,960
2	Jargalant		146		4,792		19,806	4	16
		15,645	231	762,394	7,587	4,440,667	31,360		
			15,875		769,980		4,472,027		

Annex 6.6

Macroscopic Traffic Forecast of Internet

GOBISUMBER

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Aimag center	314	7	15,294	243	89,082	1,004	32	155
2	Shiveegobi		29		952		3,935	4	10
3	Bayntal		10		335		1,383	2	10
		314	47	15,294	1,529	89,082	6,322		
			360		16,823		95,403		

Annex 6.6

Macroscopic Traffic Forecast of Internet

NALAIKH

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Nalaikh city	2,140	0	104,266	0	607,310	0	155	620
2	Terej		55		1,809		7,477	4	10
3	Shokhoi		14		452		1,869	2	10
4	Arzanchivlan		14		452		1,869	2	10
5	Nisekh /GORDOK/		11		377		1,558	2	10
		2,140	94	104,266	3,090	607,310	12,773		
			2,234		107,356		620,083		

Annex 6.6

Macroscopic Traffic Forecast of Internet

BAGANUUR

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Baganuur city	2,210	0	107,710	0	627,372	0	155	620
		2,210	0	107,710	0	627,372	0		
			2,210		107,710		627,372		

Annex 6.6

Macroscopic Traffic Forecast of Internet

ULAANBAATAR

		Estimated Data Speed (kbps)						Required Capacity (Mbps)	
		(2008) Aimag	(2008) (Sum & Other)	(2013) Aimag	(2013) (Sum & Other)	(2020) Aimag	(2020) (Sum & Other)	Minimum (2020)	Recommend (2020)
1	Ulaanbaatar	108,948	0	7,186,729	0	72,363,360	0		
		108,948	0	7,186,729	0	72,363,360	0		
		108,948		7,186,729		72,363,360			