

The Mongolian Government has taken early and very active measures to prevent and stop an eventual spread of the COVID-19. Besides closing all the educational institutions starting with January 27th and imposing international travel restrictions that are expanding along with the growing number of countries affected by COVID-19 globally, on 13 February 2020 the government also declared state of high alert. To prevent a possible spread of COVID during the Mongolian Lunar New Year (February 24-26, 2020), the Emergency Commission restricted all travel between aimags (provinces), as well as incoming and outgoing flows in the capital city. Ulaanbaatar is by far the biggest urban settlement in Mongolia concentrating almost half of the country's population. It is a major destination, transition point and origin for population movements and as such may represent a powerful source for spreading COVID-19 to the entire country. To increase its preparedness and also an eventual response to COVID-19, the Governor's Office of the Capital City has requested the assistance of International Organization for Migration, Mission to Mongolia (IOM) to take evidence of all the incoming and outgoing flows of people by implementing its Displacement Tracking Matrix (DTM) methodology. Based on a joint agreement to implement DTM between IOM and the Governor's Office of the Capital City, a total of over 400 health and education system personnel have been trained as data enumerators and technical assistance was provided to set up the overall data collection and analysis framework. The pilot phase of the DTM flow monitoring in Ulaanbaatar was started on February 27th, 08:00 hrs while the roads were still closed for general free movement. The active implementation phase commenced when roads were opened for free circulation at 06:00 hrs on March 3rd and is scheduled to last until May 1st, 2020. Enumerators placed at 6 major checkpoints around the city (**Emeelt, Baruunturuun, Gunt, Ulziit, Morin and Nalaikh**) are collecting non-personal data on type of vehicle, passengers' profile, place as well as length of stay at origin and destination on a 24/7 time-schedule. Although it is the first time it is used in a capital city, since 2004 DTM has been implemented in over 80 countries and over 40 million individuals have been tracked globally in 2018 alone. Most recently DTM was used to track population movements in regions affected by Ebola. In Mongolia National Emergency Management Agency (NEMA) and IOM used DTM since 2018 to track the mobility of people in all administrative subdivision outside Ulaanbaatar improving preparedness for natural disasters, especially zdud.

NUMBERS AT A GLANCE

1,764,229

cumulative movements tracked by DTM flow monitoring points (FMP)

27,261 ↓

Movements tracked in the past 24 hrs

10,196 (R)
43,350 (N)

Average movement per day during restricted (R) and unrestricted (N) periods

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



51%
57%



31%
29%

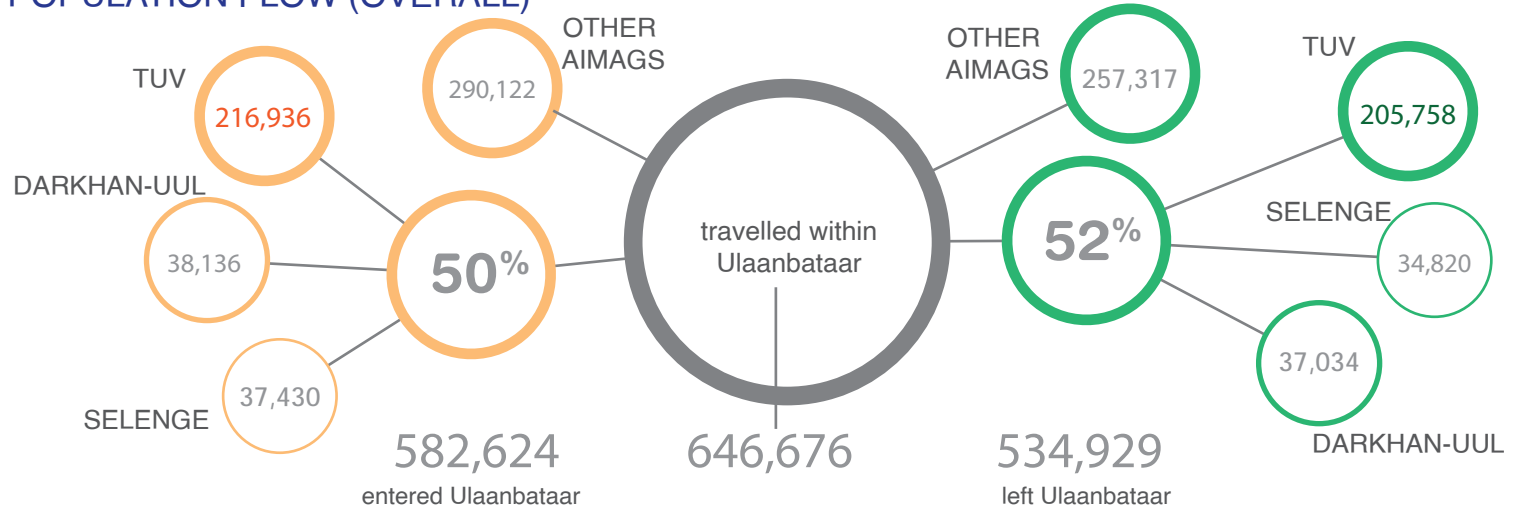


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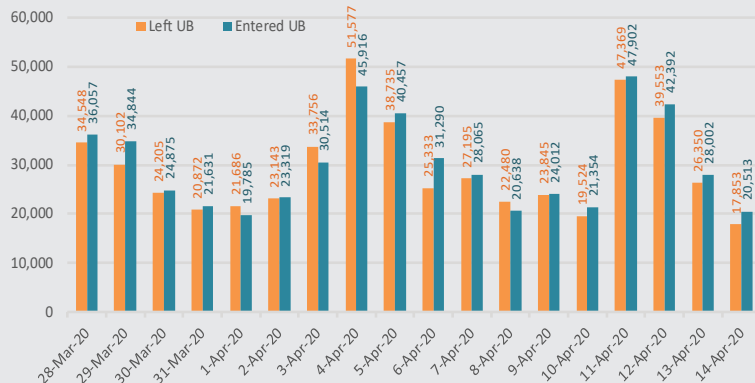


8%
6%

POPULATION FLOW (OVERALL)



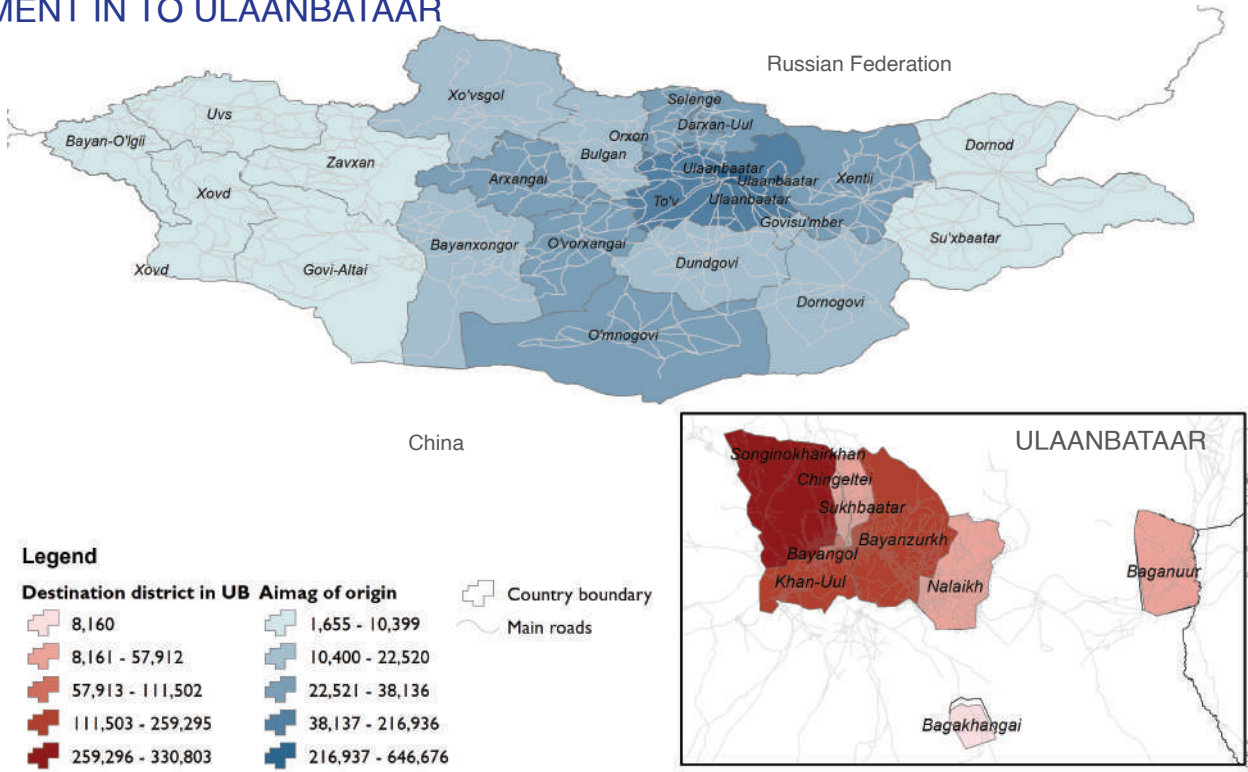
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			14-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	354,091	169,692	184,399	3,521	1,809	1,712
Ulziit	269,902	139,212	130,690	4,543	2,963	1,580
Nalaikh	531,698	266,915	264,783	10,364	5,324	5,040
Morin	381,682	190,991	190,691	8,304	4,155	4,149
Emeelt	587,991	319,600	268,391	2,372	1,536	836
Gunt	285,082	142,724	142,358	9,262	4,726	4,536
Total	2,410,446	1,229,134	1,181,312	38,366	20,513	17,853

MOVEMENT IN TO ULAANBATAAR



The boundaries and names shown and the designation used on this map do not imply official endorsement or acceptance

DEMOGRAPHICS

XX% - Overall

XX% - Past 24 hrs



51%

56%



32%

30%



9%

8%

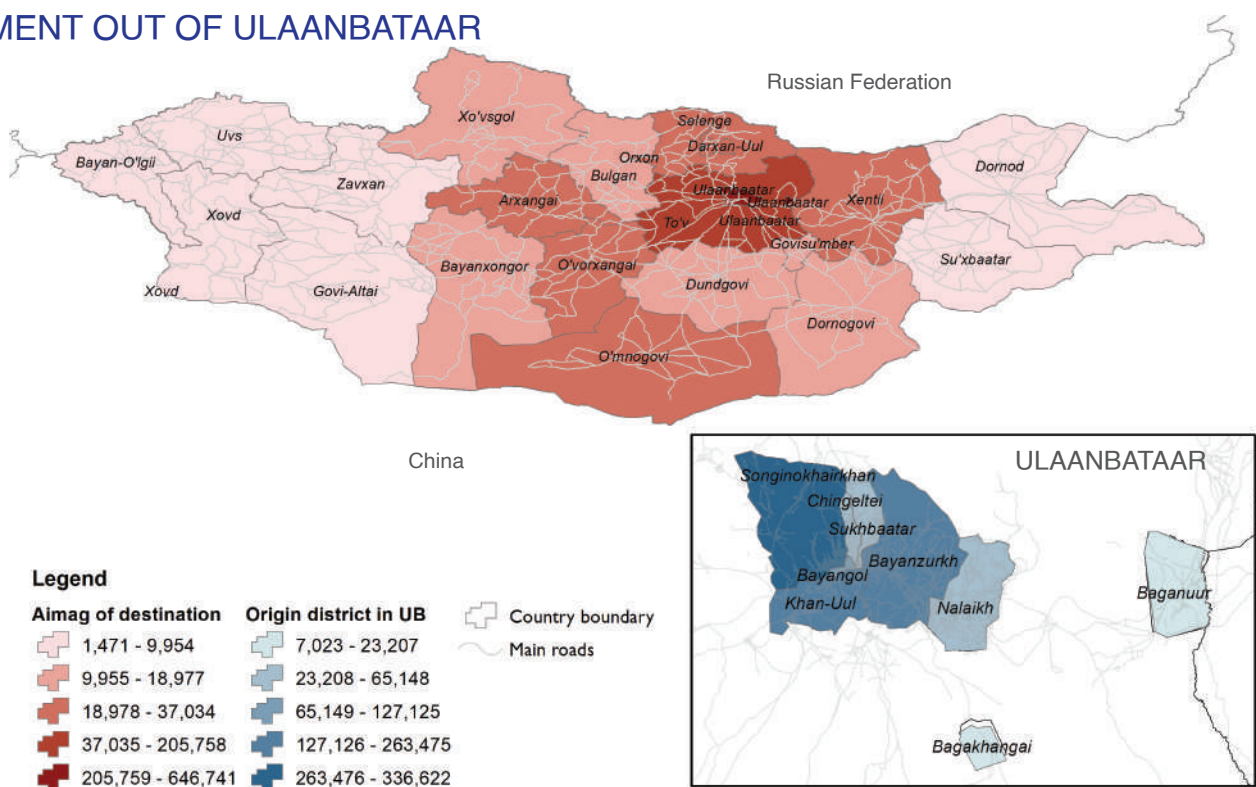


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of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	2,487	6,567	21,885	39,593	84,121	27,194	187,688	50,955	199,177	27,009	646,676
Arkhangai	123	12	55	5,083	6,424	2,049	3,196	141	9,963	1,768	28,814
Bayankhongor	60	10	48	1,993	2,913	970	1,470	124	5,420	977	13,985
Bayan-Ulgii	14	-	-	208	391	75	91	14	710	152	1,655
Bulgan	166	22	39	4,152	5,412	1,557	2,902	84	6,853	1,333	22,520
Darkhan-Uul	218	34	108	5,966	7,396	1,963	4,219	299	15,565	2,368	38,136
Dornod	83	17	10	1,118	4,883	714	1,103	52	1,154	865	9,999
Dornogobi	100	21	62	2,980	6,647	861	2,094	166	2,281	1,261	16,473
Dundgobi	89	13	28	2,850	6,475	1,038	3,412	52	3,432	1,459	18,848
Gobi-Altai	39	11	31	794	1,437	355	622	27	2,430	388	6,134
Gobisumber	65	9	57	1,876	6,380	592	1,313	128	1,249	957	12,626
Khentii	107	8	20	2,442	14,136	1,367	2,278	174	2,365	1,954	24,851
Khovd	7	-	12	686	1,236	283	704	43	2,514	198	5,683
Khuvsgul	73	35	85	2,657	3,518	944	1,820	76	5,203	1,092	15,503
Orkhon	110	4	103	5,076	5,935	1,324	3,789	176	7,957	1,849	26,323
Selenge	143	34	160	8,292	8,777	2,618	4,478	333	9,856	2,739	37,430
Sukhbaatar	58	19	26	782	4,693	403	672	65	750	651	8,119
Tuv	1,023	184	592	33,395	46,758	15,110	38,282	3,440	62,207	15,945	216,936
Umnugobi	121	7	61	3,527	6,467	1,197	6,125	126	6,001	1,690	25,322
Uvurkhangai	146	51	85	5,139	7,032	1,978	4,366	178	12,656	1,833	33,464
Zavkhan	62	13	20	1,713	2,723	567	1,200	59	3,243	799	10,399
Uvs	21	5	18	796	1,612	366	663	89	2,661	366	6,597
?	59	8	32	379	783	108	388	188	623	239	2,807
TOTAL	5,374	7,084	23,537	131,497	236,149	63,633	272,875	56,989	364,270	67,892	1,229,300

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	313	15	4,858	38	3,653	1,618	2,437	148	8,601	1,402	23,083
Bayankhongor	86	18	1,947	78	1,487	695	1,261	75	4,805	675	11,127
Bayan-Ulgii	-	-	356	-	267	59	101	4	589	95	1,471
Bulgan	203	1	4,246	42	3,183	1,409	2,295	40	6,428	1,130	18,977
Darkhan-Uul	117	13	6,146	97	5,014	1,813	3,699	230	17,877	2,028	37,034
Dornod	73	8	5,334	2	974	673	1,099	65	1,009	717	9,954
Dornogobi	129	5	7,473	101	3,003	1,116	2,380	126	2,334	1,200	17,867
Dundgobi	76	17	6,278	70	2,398	1,057	3,420	80	3,771	1,456	18,623
Gobi-Altai	31	9	936	18	387	233	486	55	2,313	232	4,700
Gobisumber	84	-	6,021	48	1,550	605	1,079	92	1,189	714	11,382
Khentii	135	12	13,669	27	2,237	1,196	1,845	130	1,997	1,698	22,946
Khovd	23	-	948	7	473	161	488	44	2,115	225	4,484
Khuvsgul	69	7	2,449	16	1,488	699	1,377	54	5,113	687	11,959
Orkhon	117	9	4,679	98	4,391	1,330	3,150	144	8,697	1,373	23,988
Selenge	69	19	7,450	159	7,498	2,267	4,067	396	10,564	2,331	34,820
Sukhbaatar	59	6	4,805	13	563	413	710	33	800	686	8,088
Tuv	1,179	129	44,638	626	30,738	14,142	35,142	3,142	61,069	14,953	205,758
Umnugobi	89	20	7,395	100	3,801	1,633	6,521	136	6,524	2,130	28,349
Uvs	26	7	869	22	413	231	403	36	1,744	222	3,973
Uvurkhangai	211	44	5,015	79	3,844	1,352	3,323	88	10,787	1,463	26,206
Zavkhan	70	11	1,626	19	927	403	754	75	2,928	416	7,229
?	153	13	690	52	286	146	316	281	785	189	2,911
TOTAL	3,312	363	137,828	1,712	78,575	33,251	76,353	5,474	162,039	36,022	534,929