

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 June 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

2,814,949

cumulative movements tracked by DTM flow monitoring points (FMP)

36,622 ↓

Movements tracked in the past 24 hrs

10,805 (R)
42,938 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

52%
55%



WOMEN

31%
32%



BOYS

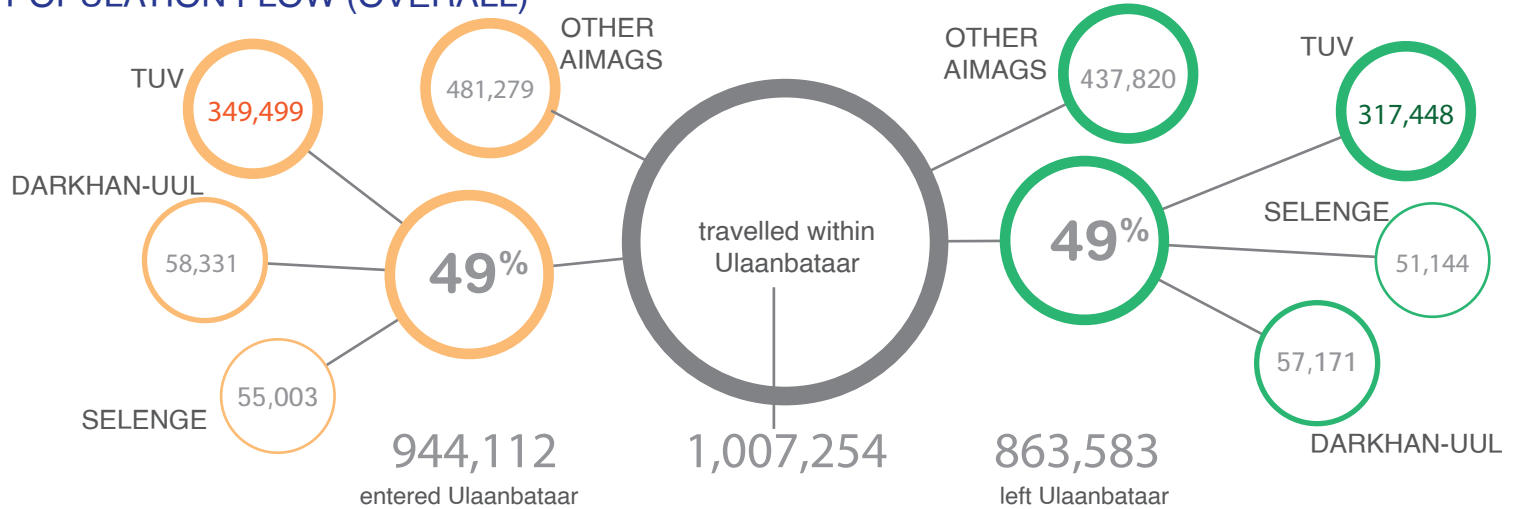
9%
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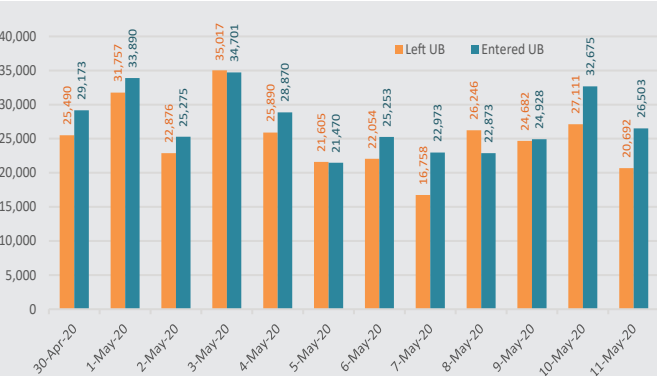
GIRLS

7%
6%

POPULATION FLOW (OVERALL)



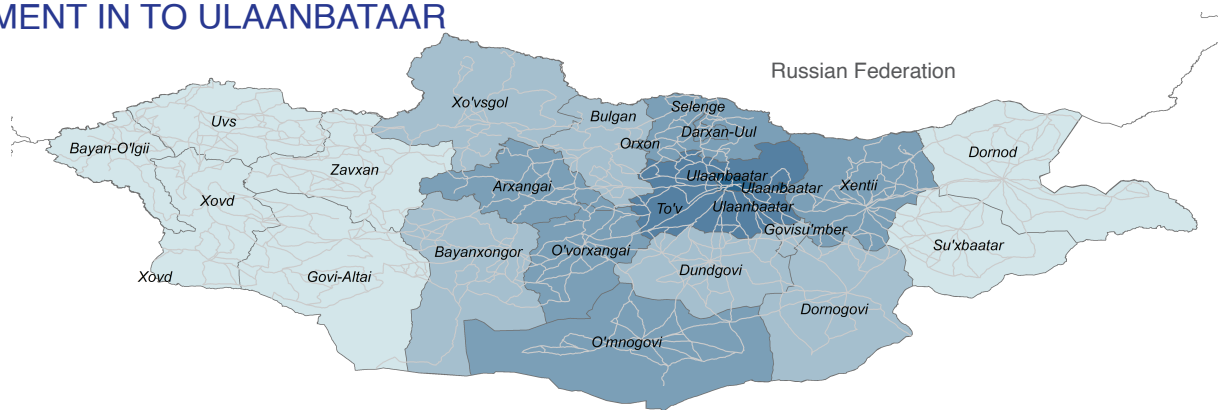
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			11-May-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	405,750	213,264	192,486	4,723	2,292	2,431
Nalaikh	840,226	420,238	419,988	8,573	4,842	3,731
Morin	666,875	333,362	333,513	13,371	6,698	6,673
Emeelt	994,238	536,060	458,178	17,843	11,501	6,342
Gunt	512,037	256,676	255,361	2,685	1,170	1,515
Total	3,821,143	1,950,920	1,870,223	47,195	26,503	20,692

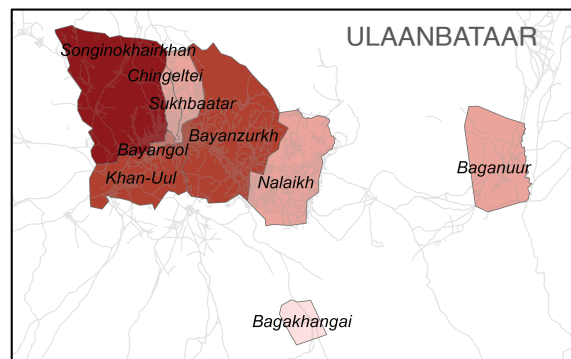
MOVEMENT IN TO ULAANBATAAR



Legend

Destination district in UB		Aimag of origin	
16,691	3,061 - 17,116	17,117 - 35,699	349,500 - 1,007,254
16,692 - 97,041	17,117 - 35,699	35,700 - 58,331	
97,042 - 180,673	35,700 - 58,331	58,332 - 349,499	
180,674 - 448,041	58,332 - 349,499		
448,042 - 552,101			

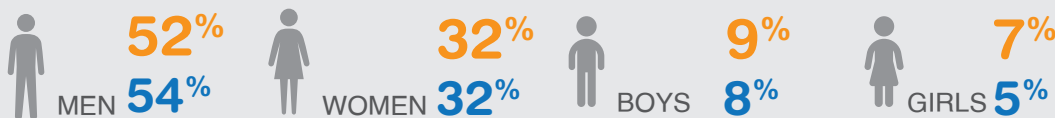
Country boundary
Main roads



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

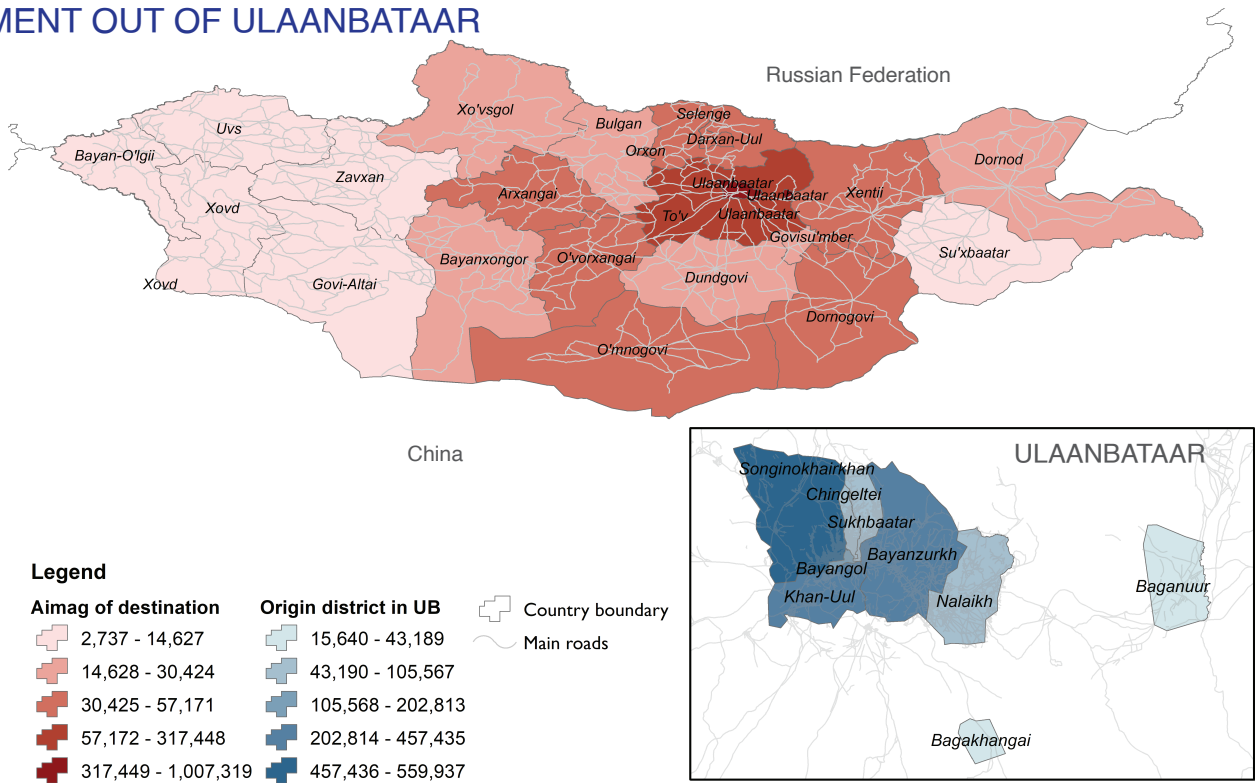
DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	5,749	14,648	39,813	59,724	120,315	48,467	320,563	61,979	295,742	40,254	1,007,254
Arkhangai	213	34	68	7,942	9,996	3,399	4,924	216	16,809	2,723	46,324
Bayankhongor	120	25	58	2,996	4,555	1,487	2,372	184	8,976	1,563	22,336
Bayan-Ulgii	23	5	1	403	730	121	154	48	1,334	242	3,061
Bulgan	233	27	73	6,311	8,405	2,535	4,513	124	11,273	2,205	35,699
Darkhan-Uul	306	61	157	8,853	10,883	2,960	6,393	367	24,747	3,604	58,331
Dornod	136	37	16	1,707	8,696	1,118	1,955	136	1,877	1,438	17,116
Dornogobi	390	51	134	5,846	13,110	1,779	4,084	519	4,146	2,641	32,700
Dundgobi	202	22	102	4,486	11,045	1,751	5,682	203	5,587	2,324	31,404
Gobi-Altai	51	24	36	1,147	2,079	557	946	46	4,451	571	9,908
Gobisumber	326	25	154	3,384	12,093	986	2,309	480	2,175	1,621	23,553
Khentii	295	54	34	4,047	24,811	2,320	3,855	510	3,919	3,175	43,020
Khovd	14	2	12	998	1,793	413	1,032	52	4,795	389	9,500
Khuvsgul	124	35	102	3,900	5,543	1,636	2,766	131	9,428	1,723	25,388
Orkhon	203	5	140	8,124	9,093	2,026	5,827	237	12,845	2,702	41,202
Selenge	211	46	217	12,813	12,702	3,779	6,442	431	14,478	3,884	55,003
Sukhbaatar	109	43	48	1,324	8,064	766	1,273	168	1,229	1,081	14,105
Tuv	2,130	305	1,257	52,168	75,581	23,656	60,684	10,362	98,056	25,300	349,499
Umnugobi	202	11	165	5,736	10,621	1,944	10,374	268	9,051	2,686	41,058
Uvurkhangai	286	64	142	7,687	11,040	3,014	6,986	279	20,683	2,989	53,170
Zavkhan	75	50	29	2,397	4,076	901	1,682	80	5,522	1,144	15,956
Uvs	38	8	21	1,189	2,295	520	1,075	99	4,715	494	10,454
?	89	22	388	604	1,481	198	787	416	987	353	5,325
TOTAL	11,525	15,604	43,167	203,786	369,007	106,333	456,678	77,335	562,825	105,106	1,951,366

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	394	48	7,913	82	5,673	2,589	3,903	182	14,160	2,356	37,300
Bayankhongor	117	27	3,412	93	2,577	1,125	2,089	126	8,243	1,255	19,064
Bayan-Ulgii	2	-	699	-	454	127	166	24	1,102	163	2,737
Bulgan	301	1	6,574	56	4,971	2,109	3,562	70	10,044	1,821	29,509
Darkhan-Uul	213	35	9,306	146	7,537	2,799	5,591	364	27,694	3,486	57,171
Dornod	160	23	10,060	28	1,734	1,076	1,932	299	1,703	1,406	18,421
Dornogobi	397	23	14,548	238	6,088	2,161	4,670	419	4,128	2,445	35,117
Dundgobi	140	20	10,576	112	3,917	1,646	5,588	150	5,889	2,386	30,424
Gobi-Altai	31	9	1,596	47	805	443	815	85	4,275	473	8,579
Gobisumber	244	24	11,239	115	2,877	1,009	2,141	395	2,056	1,237	21,337
Khentii	321	60	25,087	66	3,831	2,053	3,487	522	3,371	2,959	41,757
Khovd	31	3	1,498	15	834	279	745	57	3,613	375	7,450
Khuvsgul	104	11	4,185	38	2,563	1,143	2,169	87	8,368	1,263	19,931
Orkhon	188	13	7,303	159	6,894	1,950	5,024	209	13,669	2,267	37,676
Selenge	150	29	10,857	232	11,492	3,433	5,763	498	15,147	3,543	51,144
Sukhbaatar	136	27	8,601	67	1,151	718	1,283	119	1,249	1,276	14,627
Tuv	1,811	223	70,491	1,254	45,623	21,677	54,517	9,114	89,818	22,920	317,448
Umnugobi	116	33	11,436	198	5,797	2,422	10,580	283	9,575	3,307	43,747
Uvs	58	8	1,696	25	932	418	863	52	3,419	508	7,979
Uvurkhangai	253	53	8,073	127	6,202	2,317	5,403	158	17,691	2,414	42,691
Zavkhan	70	17	3,096	29	1,826	776	1,442	107	5,413	718	13,494
?	326	33	1,341	103	575	276	1,179	567	1,202	378	5,980
TOTAL	5,563	720	229,587	3,230	124,353	52,546	122,912	13,887	251,829	58,956	863,583