

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 300 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 March 24th, 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 dzud.

NUMBERS AT A GLANCE

442,388

cumulative movements tracked by DTM flow monitoring points (FMP)

9,836 ↓

Movements tracked in the past 24 hrs

303,640

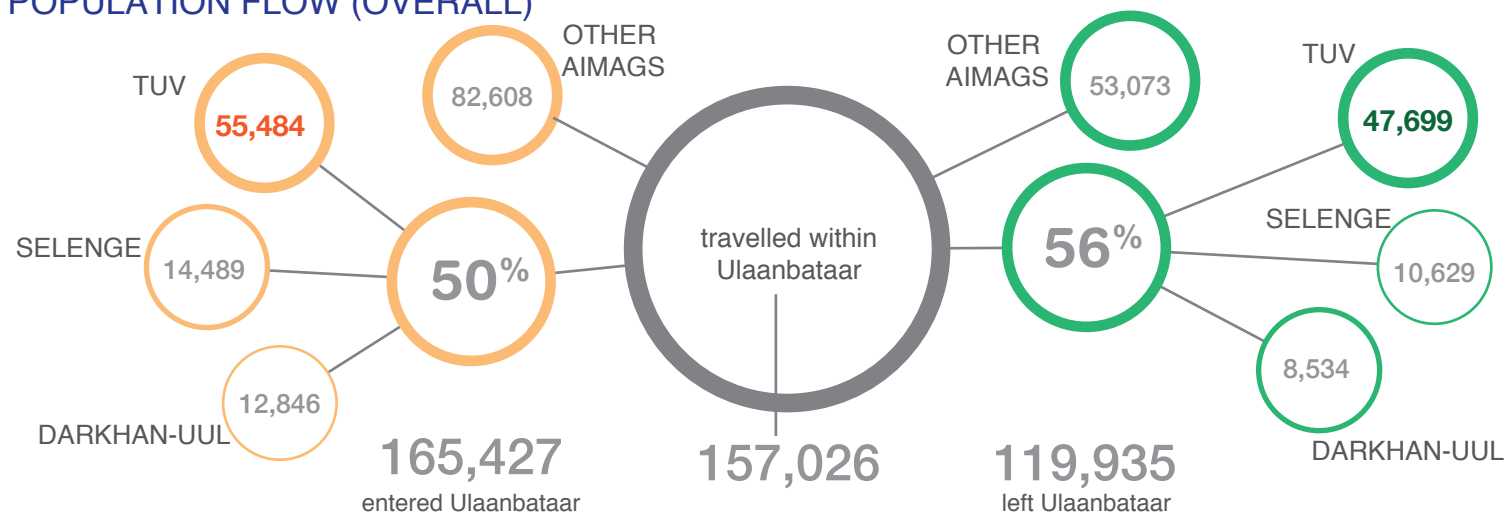
Tracked during removal of movement restrictions (3rd - 9th March)

DEMOGRAPHICS

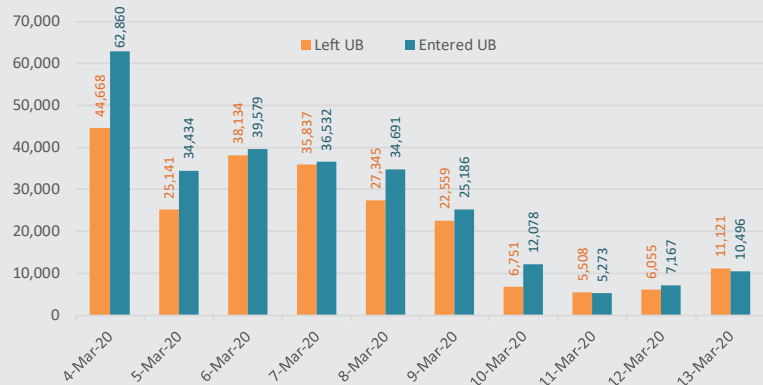
XX% - Overall
XX% - Past 24 hrs



POPULATION FLOW (OVERALL)



MOVEMENT TRENDS



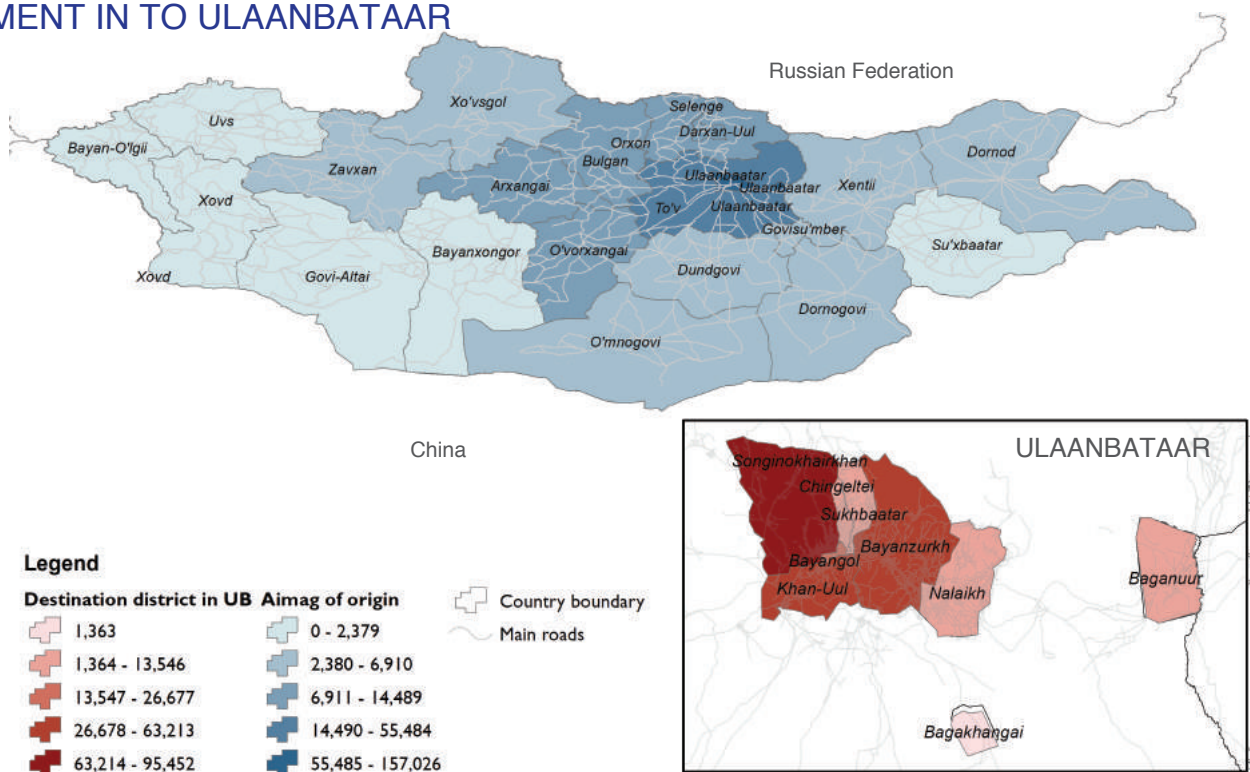
MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			14-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	165,064	105,261	59,803	1,866	883	983
Baruunturuun	126,695	63,701	62,994	1,985	1,014	971
Nalaikh	108,805	55,820	52,985	6,654	3,275	3,379
Morin	82,825	41,669	41,156	3,292	1,646	1,646
Ulziit	68,812	34,714	34,098	2,384	1,151	1,233
Gunt	58,770	30,953	27,817	194	91	103
Total	610,971	332,118	278,853	16,375	8,060	8,315

Please note that movement restrictions in Ulaanbaatar (inflow and outflow) are currently in place from 07:00 hrs 10th March to 07:00 hrs 16th March, 2020 (GMT +8). Previously the same restrictions were implemented from 8:00 hrs, February 23rd to 06:00 hrs March 3rd, 2020.



MOVEMENT IN TO ULAANBATAAR



Legend

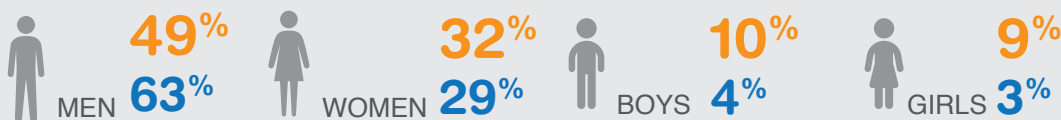
Destination district in UB	Aimag of origin
1,363	0 - 2,379
1,364 - 13,546	2,380 - 6,910
13,547 - 26,677	6,911 - 14,489
26,678 - 63,213	14,490 - 55,484
63,214 - 95,452	55,485 - 157,026

Country boundary
 Main roads

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

DEMOGRAPHICS

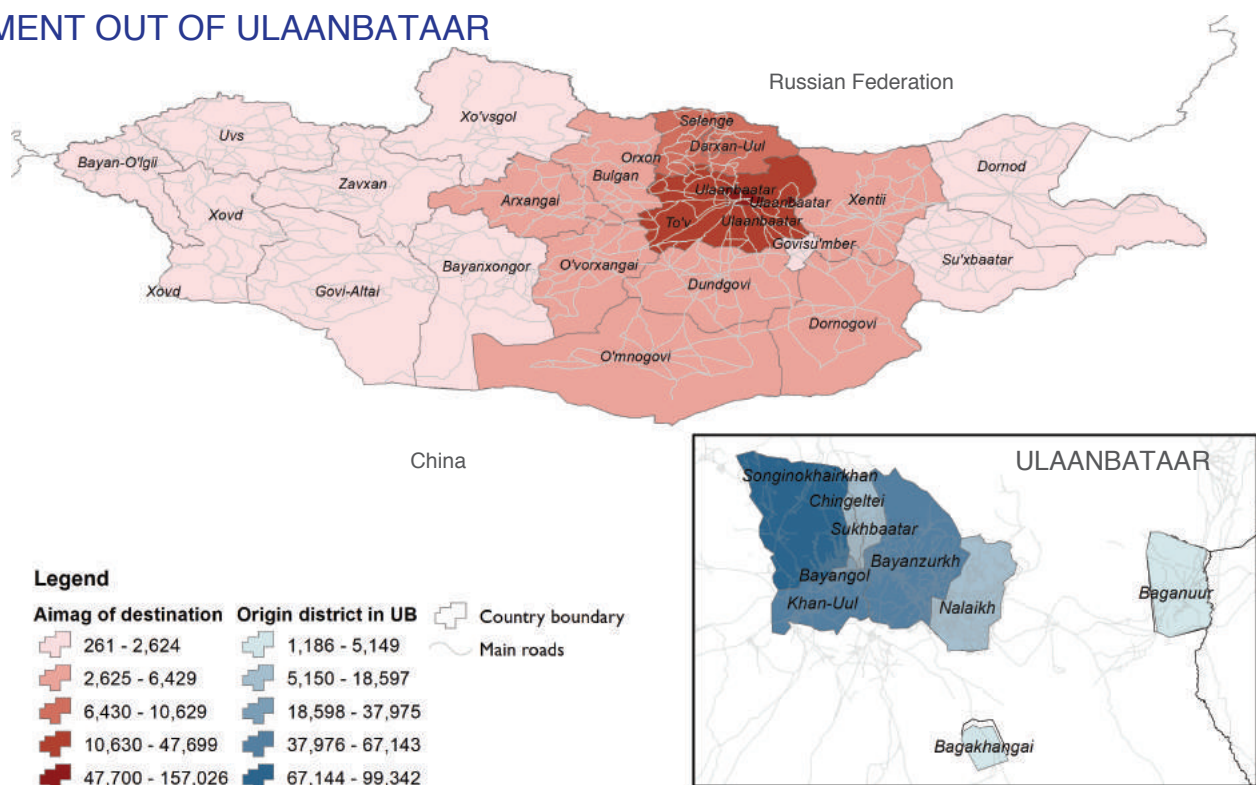
XX% - Overall
 XX% - Past 24 hrs



UB district of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimag of origin											
Ulaanbaatar	431	1,044	4,620	10,465	18,381	6,389	44,853	8,730	55,647	6,466	157,026
Arkhangai	26	3	20	1,975	2,704	830	1,155	53	3,565	731	11,062
Bayankhongor	-	-	-	24	32	16	13	5	272	9	371
Bayan-Ulgii	4	-	-	46	94	20	21	6	122	43	356
Bulgan	45	18	19	1,595	2,047	594	1,085	41	2,237	537	8,218
Darkhan-Uul	28	13	44	2,272	2,904	817	1,545	133	4,169	921	12,846
Dornod	1	3	-	320	1,339	235	279	-	416	301	2,894
Dornogobi	14	6	3	664	1,545	178	365	13	514	328	3,630
Dundgobi	21	-	-	790	1,521	325	982	-	1,061	394	5,094
Gobi-Altai	4	4	19	323	600	138	207	3	637	155	2,090
Gobisumber	14	3	12	499	1,501	170	334	5	321	322	3,181
Khentii	7	3	11	753	3,837	449	518	8	636	688	6,910
Khovd	-	-	-	32	30	21	24	-	243	2	352
Khuvsgul	19	12	49	1,198	1,528	400	675	28	1,732	475	6,116
Orkhon	28	-	13	1,546	2,189	503	1,233	72	2,301	736	8,621
Selenge	61	8	63	3,108	3,501	1,115	1,649	142	3,683	1,159	14,489
Sukhbaatar	8	-	11	284	1,403	105	167	15	201	185	2,379
Tuv	167	56	165	8,917	11,757	4,252	8,688	268	17,106	4,108	55,484
Umnugobi	15	1	16	708	1,137	205	1,099	23	1,097	251	4,552
Uvurkhangai	57	5	48	2,130	2,657	845	1,821	85	3,994	692	12,334
Zavkhan	17	-	4	676	1,099	235	501	17	832	283	3,664
?	13	3	-	99	284	29	74	34	158	90	784
TOTAL	980	1,182	5,117	38,424	62,090	17,871	67,288	9,681	100,944	18,876	322,453

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MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



50%
 70%



29%
 23%



11%
 3%



10%
 3%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimag of destination											
Arkhangai	89	-	828	5	603	351	381	25	1,757	229	4,268
Bayankhongor	55	-	335	41	292	106	233	5	706	103	1,876
Bayan-Ulgii	-	-	93	-	67	4	16	-	59	22	261
Bulgan	73	-	880	13	609	268	436	16	1,281	211	3,787
Darkhan-Uul	30	-	1,778	35	1,382	525	934	108	3,158	584	8,534
Dornod	5	-	1,207	-	231	199	283	4	311	208	2,448
Dornogobi	31	-	2,069	10	810	326	474	1	563	341	4,625
Dundgobi	7	-	1,116	5	453	220	714	19	804	268	3,606
Gobi-Altai	17	5	116	13	67	49	80	6	270	68	691
Gobisumber	8	-	1,367	13	357	154	224	-	298	203	2,624
Khentii	7	4	3,145	6	614	338	407	-	462	428	5,411
Khovd	5	-	160	-	57	25	104	23	197	36	607
Khuvsgul	13	-	399	3	285	107	225	-	628	142	1,802
Orkhon	33	6	1,381	38	955	425	832	54	2,271	434	6,429
Selenge	13	3	2,370	76	2,101	661	1,301	187	3,202	715	10,629
Sukhbaatar	3	-	973	2	118	82	159	-	129	194	1,660
Tuv	281	40	9,953	136	7,132	3,528	7,908	221	15,178	3,322	47,699
Umnugobi	16	6	1,556	32	782	357	1,302	27	1,609	439	6,126
Uvs	15	-	112	-	46	37	62	21	198	39	530
Uvurkhangai	79	-	1,044	14	707	290	614	18	1,638	327	4,731
Zavkhan	17	-	261	7	100	48	129	4	434	63	1,063
?	33	-	72	6	57	38	48	27	223	24	528
TOTAL	830	64	31,215	455	17,825	8,138	16,866	766	35,376	8,400	119,935

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