

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

412,153

cumulative movements tracked by DTM flow monitoring points (FMP)

6,696

Movements tracked in the past 24 hrs

323,441

Movements tracked from the day of lifting of movement restrictions

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

48%
64%



WOMEN

31%
29%



BOYS

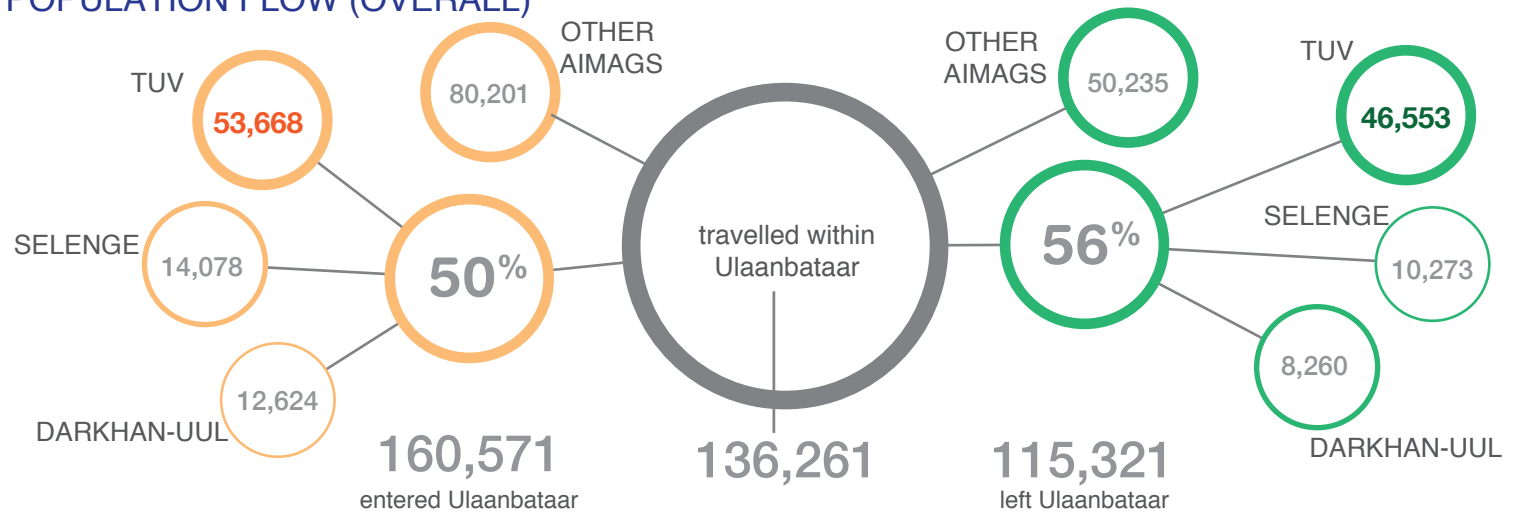
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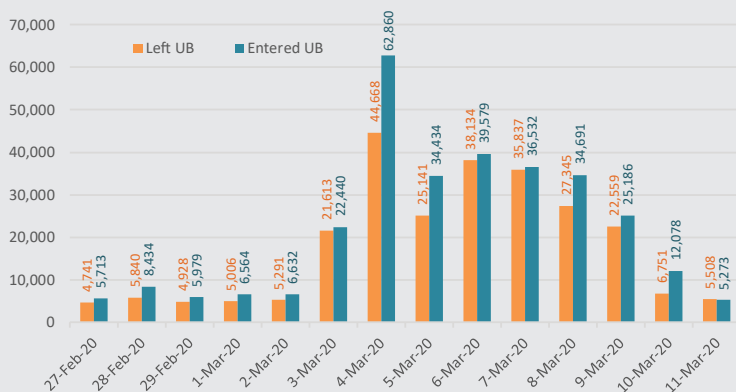
GIRLS

10%
3%

POPULATION FLOW (OVERALL)



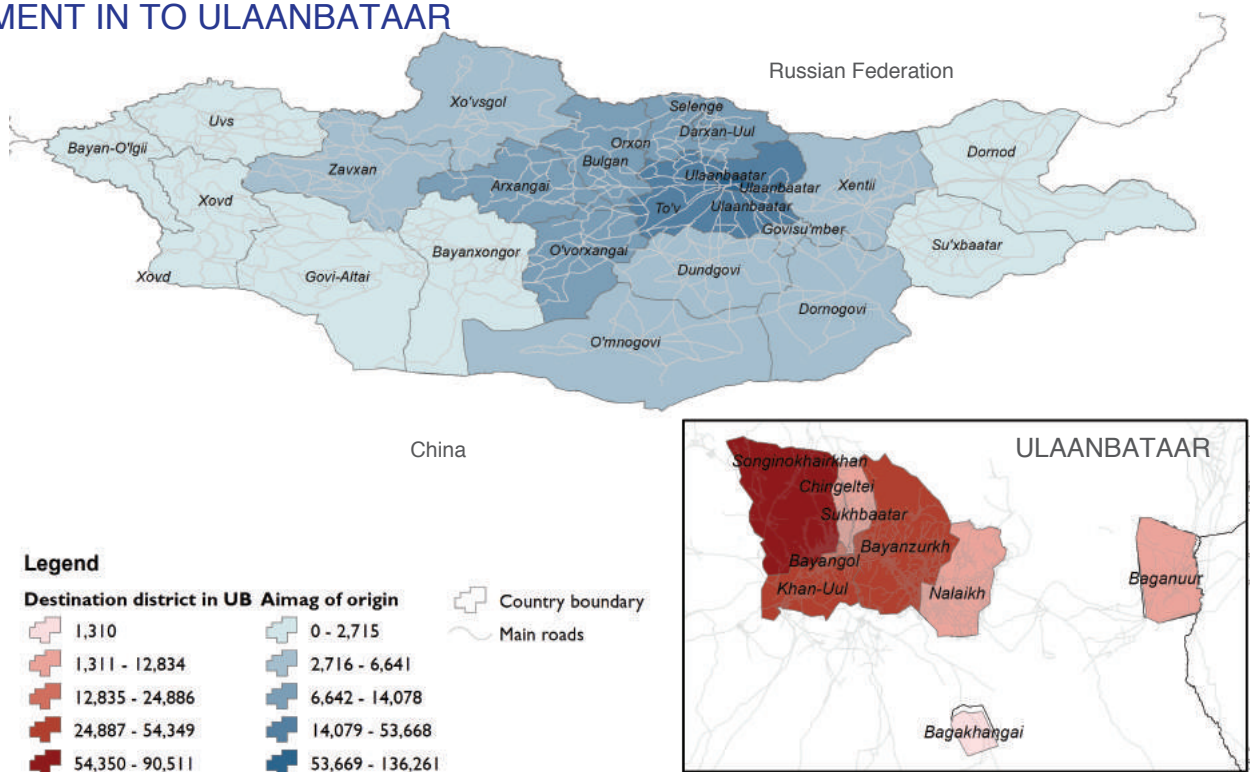
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			11-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	159,492	102,420	57,072	1,292	707	585
Baruunturuun	120,673	60,753	59,920	1,425	625	800
Nalaikh	90,000	46,268	43,732	2,709	1,393	1,316
Morin	71,650	36,075	35,575	2,827	1,415	1,412
Ulziit	60,102	30,403	29,699	2,207	991	1,216
Gunt	57,840	30,476	27,364	321	142	179
Total	559,757	306,395	253,362	10,781	5,273	5,508

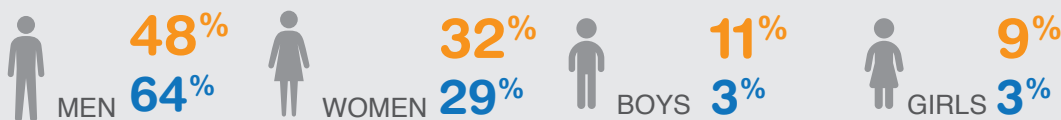
MOVEMENT IN TO ULAANBATAAR



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

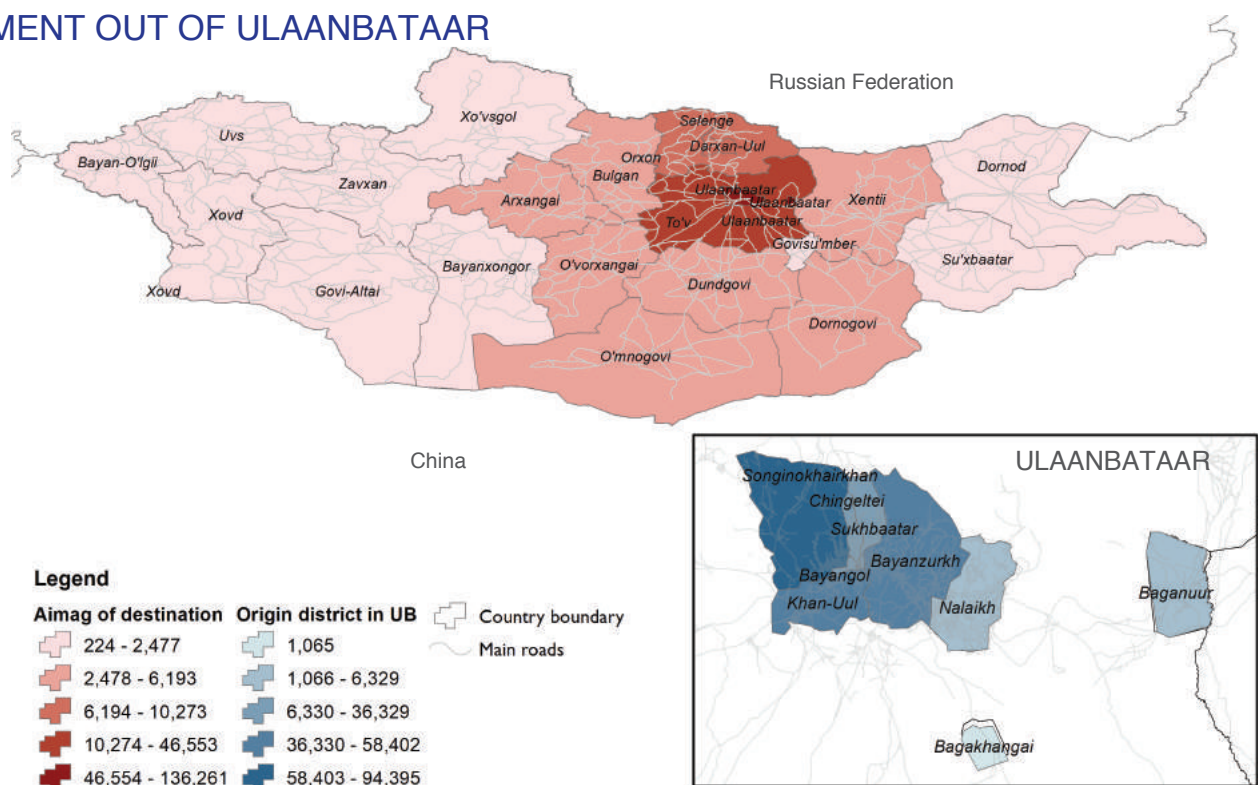
DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



UB district of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimag of origin											
Ulaanbaatar	370	935	4,318	9,586	15,567	6,003	36,981	5,101	51,790	5,610	136,261
Arkhangai	26	3	20	1,962	2,656	825	1,151	53	3,534	727	10,957
Bayankhongor	-	-	-	24	32	16	13	5	272	9	371
Bayan-Ulgii	4	-	-	46	94	20	21	6	122	43	356
Bulgan	45	18	19	1,588	2,024	588	1,082	41	2,226	533	8,164
Darkhan-Uul	28	13	44	2,209	2,847	812	1,532	130	4,112	897	12,624
Dornod	1	3	-	299	1,265	231	252	-	377	287	2,715
Dornogobi	14	6	3	604	1,422	168	333	13	445	314	3,322
Dundgobi	21	-	-	753	1,486	316	969	-	1,048	392	4,985
Gobi-Altai	4	4	19	307	600	135	207	3	630	155	2,064
Gobisumber	14	3	12	475	1,459	165	309	2	312	316	3,067
Khentii	3	3	11	722	3,690	434	500	4	613	661	6,641
Khovd	-	-	-	32	30	21	24	-	243	2	352
Khuvsgul	16	12	43	1,195	1,506	398	667	28	1,719	467	6,051
Orkhon	28	-	12	1,483	2,128	493	1,216	67	2,266	727	8,420
Selenge	60	7	63	3,009	3,384	1,103	1,589	127	3,601	1,135	14,078
Sukhbaatar	2	-	11	264	1,324	103	152	11	195	174	2,236
Tuv	159	56	163	8,559	11,392	4,156	8,232	250	16,732	3,969	53,668
Umnugobi	14	1	16	668	1,051	189	1,014	14	1,033	236	4,236
Uvurkhangai	57	5	48	2,116	2,627	843	1,805	85	3,955	680	12,221
Zavkhan	17	-	4	663	1,091	235	493	9	813	277	3,602
?	12	3	-	67	115	8	43	23	124	46	441
TOTAL	895	1,072	4,806	36,631	57,790	17,262	58,585	5,972	96,162	17,657	296,832

MOVEMENT OUT OF ULAANBATAAR



DEMOGRAPHICS

XX% - Overall

XX% - Past 24 hrs



50%
67%



29%
24%



11%
4%



10%
5%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	83	-	789	5	585	346	364	25	1,737	224	4,158
Bayankhongor	55	-	310	41	286	100	232	5	685	103	1,817
Bayan-Ulgii	-	-	87	-	56	-	12	-	48	21	224
Bulgan	73	-	850	13	592	268	436	16	1,254	194	3,696
Darkhan-Uul	30	-	1,734	35	1,320	504	904	106	3,062	565	8,260
Dornod	5	-	1,148	-	224	168	260	4	280	200	2,289
Dornogobi	30	-	1,853	10	717	301	420	-	452	314	4,097
Dundgobi	7	-	1,094	5	421	209	673	19	776	268	3,472
Gobi-Altai	17	5	110	13	67	47	75	6	236	65	641
Gobisumber	8	-	1,295	13	331	148	204	-	283	195	2,477
Khentii	7	4	3,014	6	594	324	387	-	436	404	5,176
Khovd	5	-	142	-	56	25	101	23	174	36	562
Khuvsgul	12	-	385	3	281	100	223	-	610	137	1,751
Orkhon	27	6	1,356	36	938	404	805	54	2,135	432	6,193
Selenge	13	3	2,326	76	2,040	647	1,228	179	3,071	690	10,273
Sukhbaatar	3	-	929	2	108	82	156	-	129	175	1,584
Tuv	281	40	9,700	130	6,913	3,479	7,638	213	14,892	3,267	46,553
Umnugobi	14	6	1,383	28	704	325	1,177	20	1,395	414	5,466
Uvs	15	-	95	-	35	34	55	21	196	37	488
Uvurkhangai	79	-	1,031	14	697	283	582	18	1,601	327	4,632
Zavkhan	17	-	234	7	100	43	127	4	415	63	1,010
?	24	-	72	6	54	38	46	18	222	22	502
TOTAL	805	64	29,937	443	17,119	7,875	16,105	731	34,089	8,153	115,321