

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

635,392

cumulative movements tracked by DTM flow monitoring points (FMP)

47,729 ↓

Movements tracked in the past 24 hrs

10,196 (R)
47,510 (N)

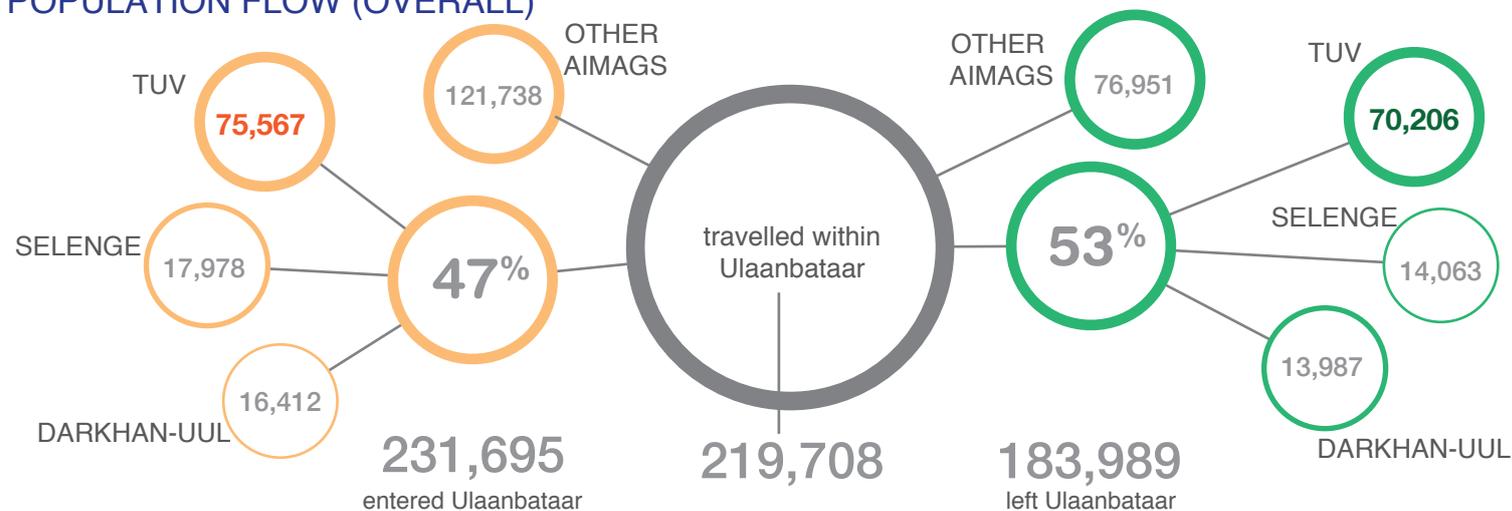
Average movement per day during restricted (R) and unrestricted (N) periods

DEMOGRAPHICS

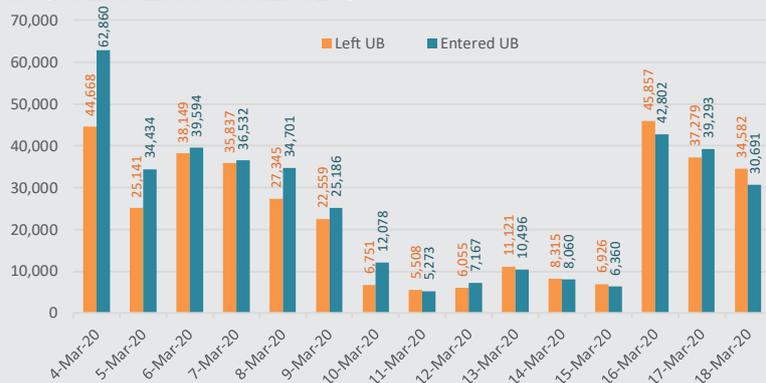
XX% - Overall
XX% - Past 24 hrs



POPULATION FLOW (OVERALL)



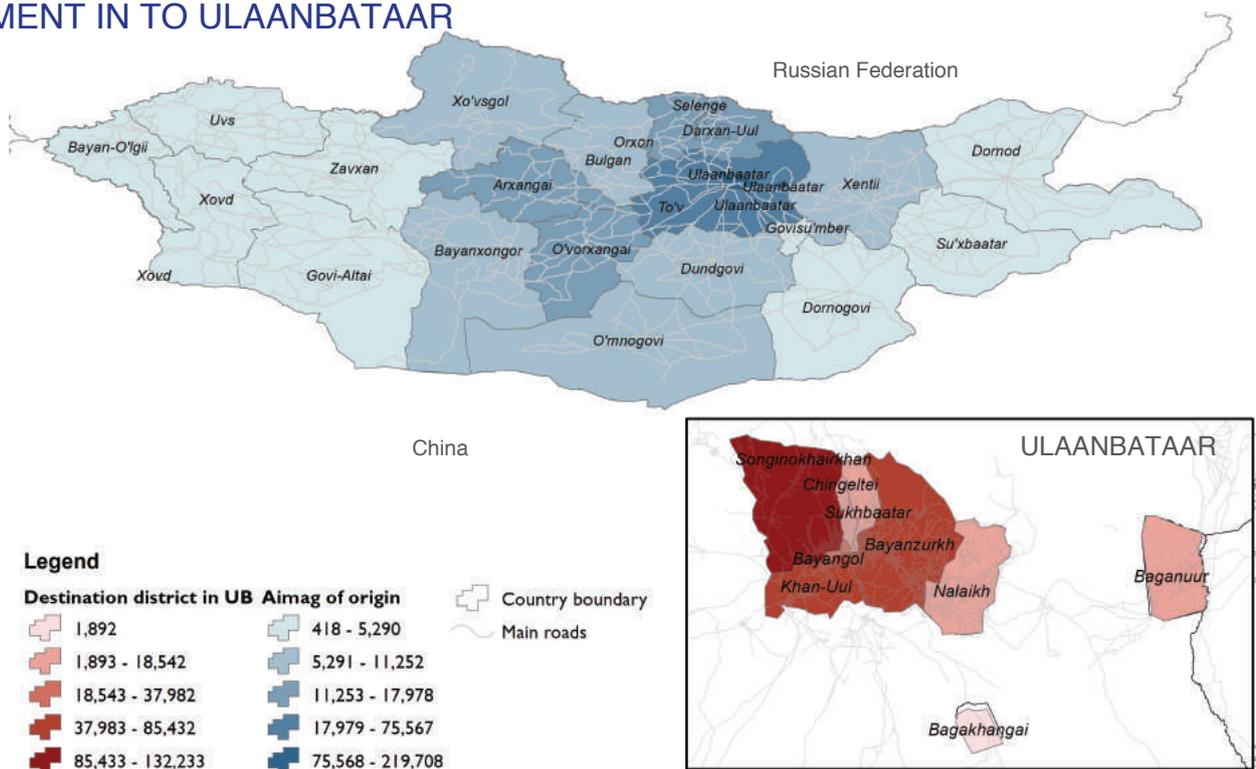
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			18-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	166,462	82,516	83,946	12,497	5,654	6,843
Baruuntur	98,081	47,163	50,918	8,360	3,302	5,058
Nalaikh	147,460	74,292	73,168	10,969	4,623	6,346
Morin	120,643	60,511	60,132	13,660	6,854	6,806
Ulziit	244,985	146,394	98,591	17,832	9,283	8,549
Gunt	77,170	40,413	36,757	1,955	975	980
Total	854,801	451,289	403,512	65,273	30,691	34,582

MOVEMENT IN TO ULAANBATAAR



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

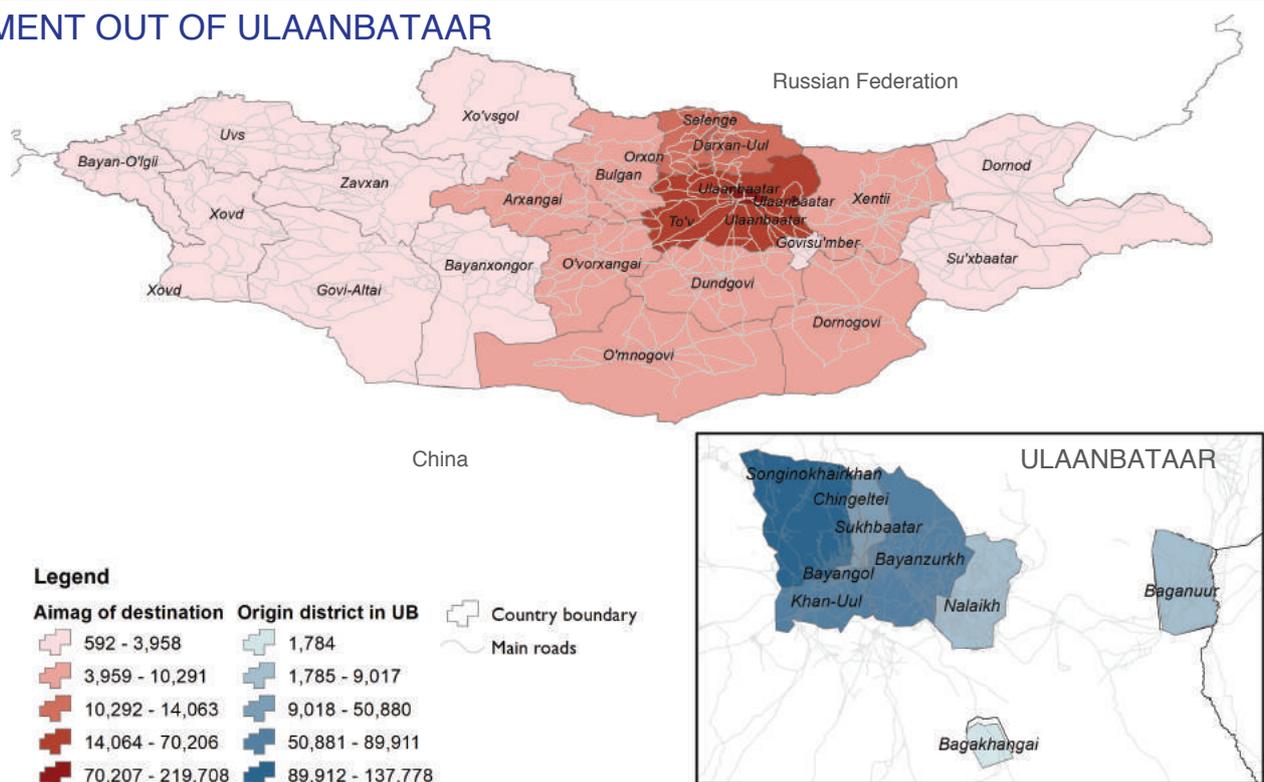
DEMOGRAPHICS

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	598	1,611	6,513	14,298	24,921	8,959	63,033	10,654	80,291	8,830	219,708
Arkhangai	37	5	24	2,461	3,229	1,037	1,404	69	4,837	874	13,977
Bayankhongor	25	-	23	910	1,440	447	681	71	2,379	467	6,443
Bayan-Ulgii	4	-	-	46	111	24	21	6	153	53	418
Bulgan	58	18	24	1,917	2,510	784	1,369	48	3,014	680	10,422
Darkhan-Uul	49	18	51	2,881	3,477	1,000	1,977	198	5,627	1,134	16,412
Dornod	7	3	-	448	1,931	312	357	7	551	420	4,036
Dornogobi	20	6	3	982	2,128	257	549	15	729	444	5,133
Dundgobi	23	-	5	1,067	2,168	448	1,315	4	1,429	550	7,009
Gobi-Altai	4	11	29	492	826	217	279	11	1,141	232	3,242
Gobisumber	18	3	12	642	2,160	219	429	5	432	399	4,319
Khentii	13	3	11	966	5,283	632	736	8	851	849	9,352
Khovd	5	-	9	320	610	125	369	37	896	97	2,468
Khuvsgul	27	16	49	1,510	1,919	535	888	37	2,257	575	7,813
Orkhon	43	-	17	2,028	2,795	626	1,605	112	3,118	908	11,252
Selenge	77	8	69	3,898	4,208	1,340	2,090	168	4,708	1,412	17,978
Sukhbaatar	8	4	14	345	1,957	135	217	15	280	248	3,223
Tuv	283	59	184	12,070	15,740	5,690	12,108	296	23,672	5,465	75,567
Umnugobi	26	3	23	1,102	1,842	331	1,642	28	1,793	472	7,262
Uvurkhangai	73	21	62	2,527	3,426	1,126	2,214	94	5,349	870	15,762
Zavkhan	18	3	4	916	1,502	333	640	26	1,463	385	5,290
?	18	3	-	127	296	36	111	36	207	100	934
TOTAL	1,434	1,795	7,126	51,953	84,479	24,613	94,034	11,945	145,177	25,464	448,020

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



51%
 55%



29%
 29%



11%
 9%



9%
 7%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimag of destination											
Arkhangai	102	-	1,474	25	1,042	543	630	35	2,776	419	7,046
Bayankhongor	58	3	529	55	418	187	379	12	1,402	186	3,229
Bayan-Ulgii	-	-	147	-	119	19	24	-	261	22	592
Bulgan	75	1	1,343	18	1,013	458	710	20	2,181	324	6,143
Darkhan-Uul	30	-	2,419	40	2,022	749	1,295	120	6,540	772	13,987
Dornod	14	-	2,073	2	335	318	417	9	496	294	3,958
Dornogobi	41	-	2,962	17	1,144	481	727	1	887	416	6,676
Dundgobi	27	-	1,831	5	786	352	1,158	21	1,275	443	5,898
Gobi-Altai	21	9	220	17	137	75	140	6	699	83	1,407
Gobisumber	8	-	2,053	13	521	209	356	4	473	284	3,921
Khentii	19	4	5,069	8	909	527	638	4	769	661	8,608
Khovd	5	-	284	-	109	41	184	27	563	59	1,272
Khuvsgul	18	2	740	6	468	198	428	4	1,353	207	3,424
Orkhon	39	6	1,797	46	1,434	605	1,159	67	3,312	549	9,014
Selenge	15	11	3,024	84	2,958	930	1,662	221	4,267	891	14,063
Sukhbaatar	10	-	1,683	2	207	127	241	-	281	274	2,825
Tuv	324	46	14,350	155	10,552	5,083	12,063	265	22,523	4,845	70,206
Umnugobi	35	7	2,631	39	1,245	576	2,310	58	2,597	793	10,291
Uvs	15	-	226	-	97	66	127	25	432	52	1,040
Uvurkhangai	83	4	1,644	30	1,162	467	944	28	3,087	461	7,910
Zavkhan	23	5	456	12	237	92	182	7	732	98	1,844
?	33	-	102	13	65	41	65	27	257	32	635
TOTAL	995	98	47,057	587	26,980	12,144	25,839	961	57,163	12,165	183,989