

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

3,100,897

cumulative movements tracked by DTM flow monitoring points (FMP)

25,103 ↓

Movements tracked in the past 24 hrs

13,110 (R)
42,066 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



52%
54%



31%
31%

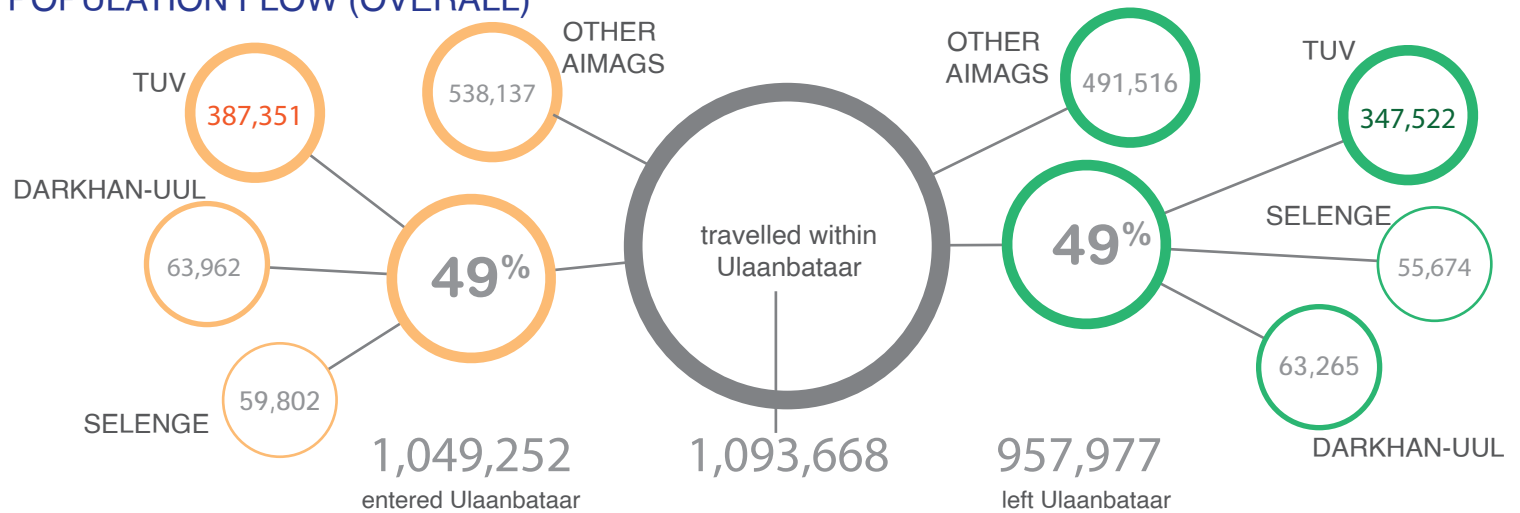


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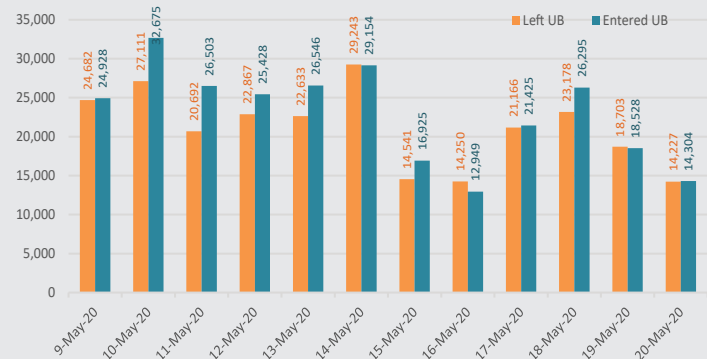


7%
6%

POPULATION FLOW (OVERALL)



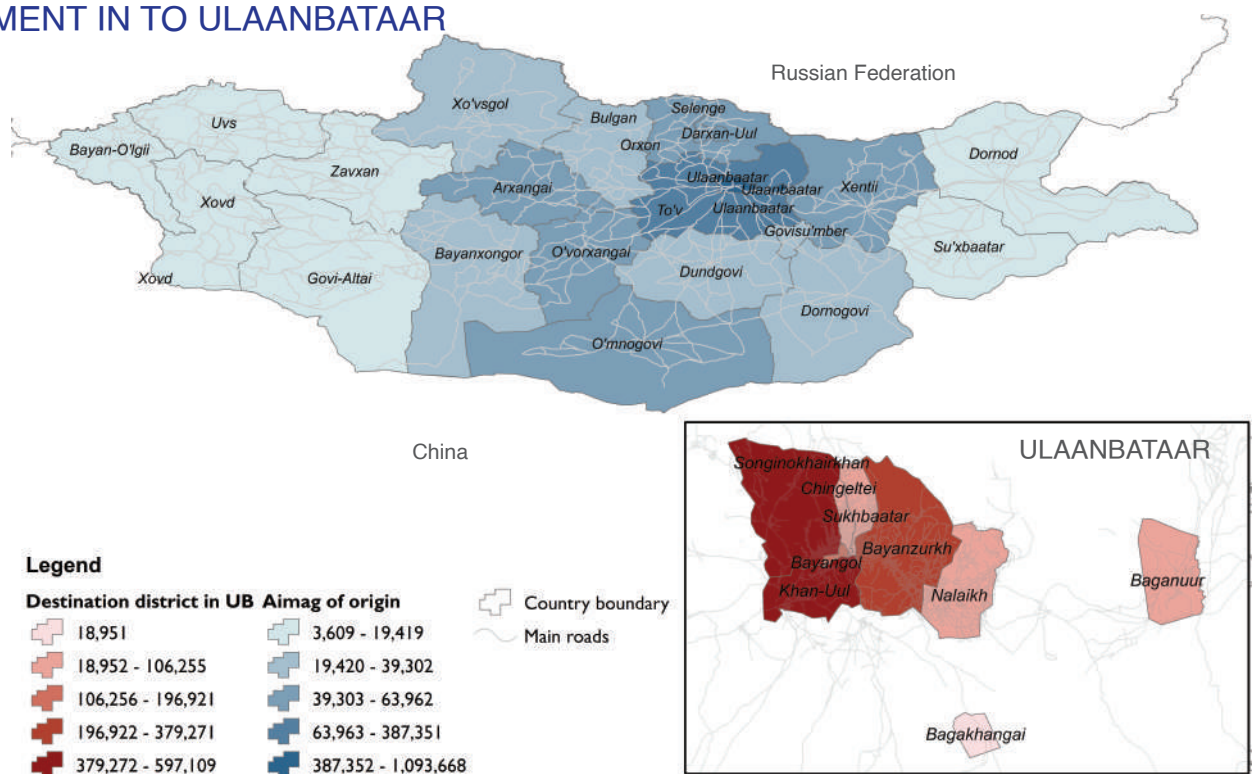
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			20-May-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	444,983	235,957	209,026	3,923	2,814	1,109
Nalaikh	924,282	461,527	462,755	13,317	6,442	6,875
Morin	751,645	375,784	375,861	454	227	227
Emeelt	1,112,432	598,274	514,158	8,991	3,995	4,996
Gunt	558,146	279,612	278,534	1,846	826	1,020
Total	4,193,505	2,142,474	2,051,031	28,531	14,304	14,227

MOVEMENT IN TO ULAANBATAAR



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

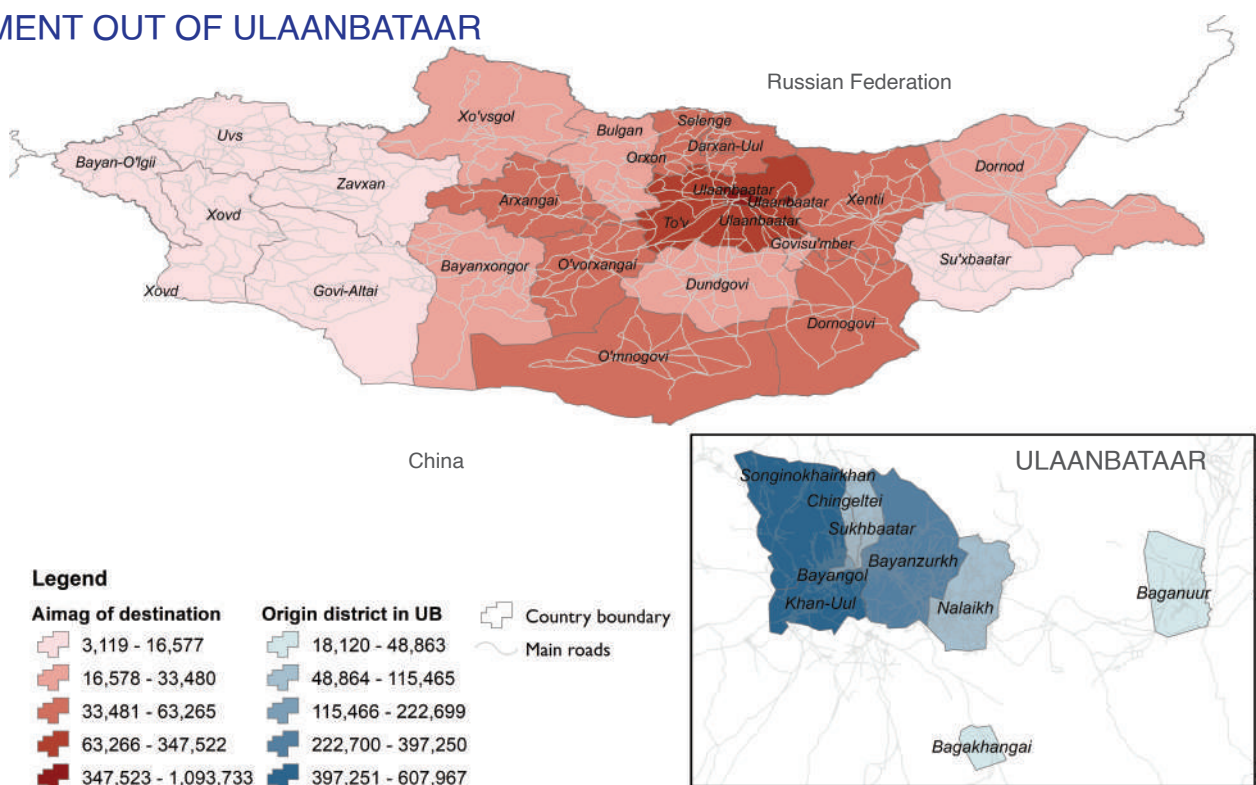
DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	6,341	17,050	45,041	64,234	128,846	52,236	358,799	63,670	314,073	43,378	1,093,668
Arkhangai	245	34	82	8,746	11,027	3,768	5,531	239	18,972	2,981	51,625
Bayankhongor	138	25	72	3,321	5,077	1,611	2,660	196	10,103	1,714	24,917
Bayan-Ulgii	23	5	1	453	805	165	178	51	1,651	277	3,609
Bulgan	248	27	73	6,865	9,174	2,831	4,953	126	12,579	2,426	39,302
Darkhan-Uul	319	61	180	9,642	11,828	3,159	6,988	384	27,434	3,967	63,962
Dornod	141	37	21	1,948	9,954	1,238	2,175	153	2,075	1,677	19,419
Dornogobi	403	68	143	6,588	14,886	1,976	4,632	621	4,515	2,929	36,761
Dundgobi	245	22	113	5,013	12,482	2,022	6,480	232	6,362	2,605	35,576
Gobi-Altai	51	30	39	1,234	2,224	601	1,061	51	4,909	626	10,826
Gobisumber	333	28	165	3,752	13,610	1,079	2,608	550	2,352	1,787	26,264
Khentii	312	56	49	4,456	27,973	2,571	4,258	578	4,337	3,437	48,027
Khovd	14	2	12	1,089	1,957	448	1,101	58	5,379	396	10,456
Khuvsgul	139	35	117	4,200	6,152	1,833	3,010	172	10,906	1,890	28,454
Orkhon	228	5	142	9,098	10,072	2,234	6,455	257	14,536	2,984	46,011
Selenge	228	46	239	13,943	13,747	4,163	7,011	450	15,731	4,244	59,802
Sukhbaatar	109	44	52	1,489	9,205	897	1,426	202	1,378	1,233	16,035
Tuv	2,266	348	1,440	57,199	83,618	26,039	67,604	12,730	108,455	27,652	387,351
Umnugobi	228	11	181	6,402	11,992	2,217	11,966	294	10,130	2,916	46,337
Uvurkhangai	298	65	146	8,381	12,239	3,314	7,728	295	23,643	3,324	59,433
Zavkhan	83	50	29	2,622	4,535	1,001	1,888	90	6,193	1,232	17,723
Uvs	38	11	21	1,342	2,518	591	1,186	108	5,209	531	11,555
?	98	30	480	653	1,532	213	846	418	1,166	371	5,807
TOTAL	12,528	18,090	48,838	222,670	405,453	116,207	510,544	81,925	612,088	114,577	2,142,920

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



52%
55%



31%
30%



10%
9%



UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	408	48	8,800	88	6,355	2,933	4,370	218	15,986	2,769	41,975
Bayankhongor	117	27	3,896	93	2,906	1,281	2,336	129	9,224	1,473	21,482
Bayan-Ulgii	4	-	761	-	503	149	188	29	1,299	186	3,119
Bulgan	315	3	7,238	63	5,476	2,307	3,963	81	11,198	2,049	32,693
Darkhan-Uul	235	39	10,173	170	8,314	3,083	6,150	440	30,634	4,027	63,265
Dornod	160	25	11,346	56	1,953	1,197	2,159	355	1,875	1,548	20,674
Dornogobi	419	23	16,684	248	6,833	2,339	5,262	520	4,490	2,728	39,546
Dundgobi	150	23	11,641	146	4,272	1,785	6,209	192	6,478	2,584	33,480
Gobi-Altai	31	9	1,748	66	988	508	991	89	4,675	559	9,664
Gobisumber	248	30	12,904	146	3,246	1,069	2,457	488	2,294	1,440	24,322
Khentii	336	64	28,181	81	4,249	2,331	3,846	690	3,740	3,302	46,820
Khovd	31	3	1,669	15	981	311	859	74	4,143	413	8,499
Khuvsgul	106	11	4,704	38	3,066	1,363	2,464	100	9,605	1,497	22,954
Orkhon	205	13	8,222	169	7,744	2,159	5,667	226	15,101	2,548	42,054
Selenge	172	36	11,756	248	12,587	3,781	6,283	518	16,441	3,852	55,674
Sukhbaatar	148	27	9,805	76	1,314	781	1,427	169	1,386	1,444	16,577
Tuv	1,901	245	77,649	1,519	49,423	23,543	60,045	11,407	96,920	24,870	347,522
Umnugobi	123	37	12,576	211	6,390	2,703	12,061	329	10,382	3,605	48,417
Uvs	65	8	1,927	27	1,152	472	1,031	71	3,961	584	9,298
Uvurkhangai	282	53	8,964	141	6,972	2,626	6,122	181	19,950	2,792	48,083
Zavkhan	70	17	3,527	29	2,119	886	1,628	112	6,024	847	15,259
?	345	33	1,436	107	636	305	1,234	582	1,489	433	6,600
TOTAL	5,871	774	255,607	3,737	137,479	57,912	136,752	17,000	277,295	65,550	957,977