

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

2,465,394

cumulative movements tracked by DTM flow monitoring points (FMP)

35,594 ↓

Movements tracked in the past 24 hrs

10,805 (R)
43,647 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



52%
51%



31%
32%

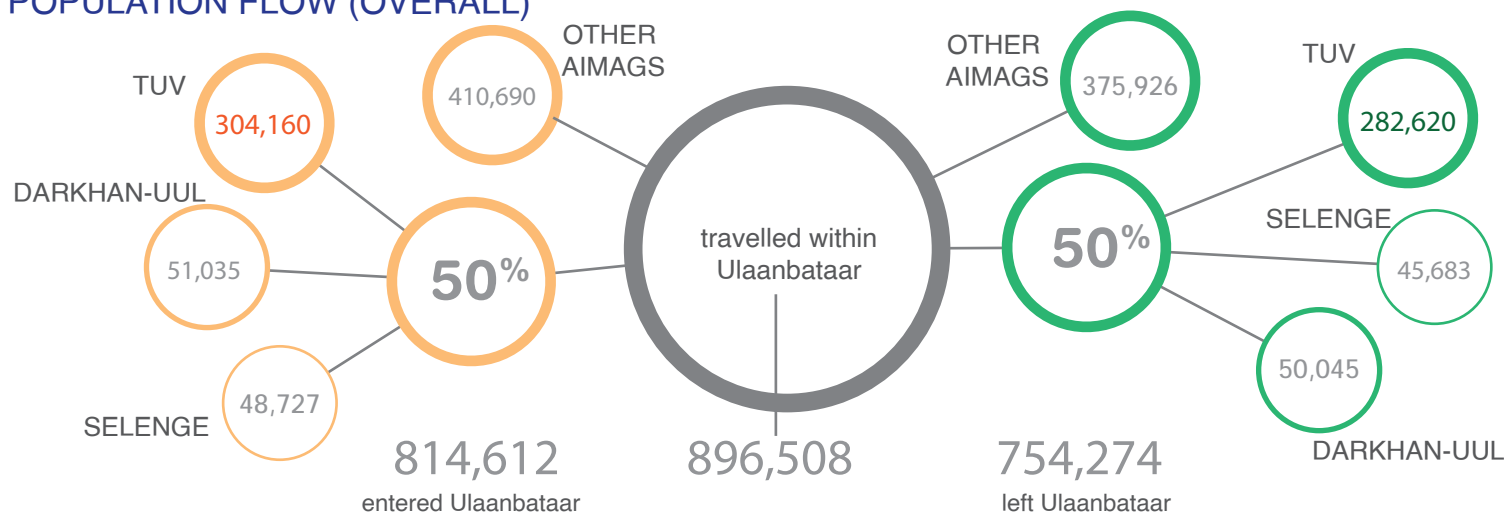


9%
10%



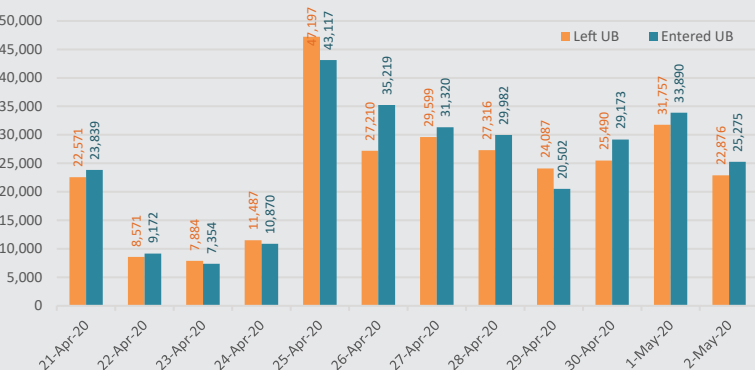
8%
7%

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS

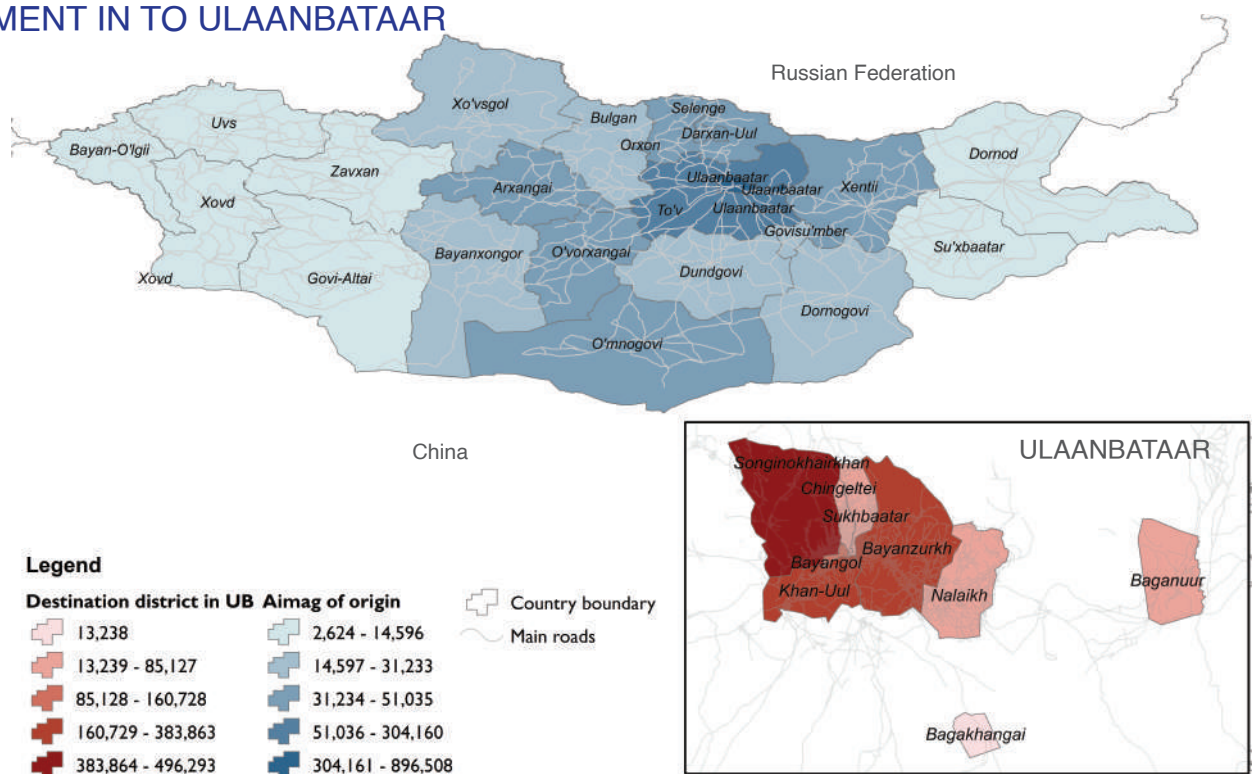
MOVEMENT THROUGH CHECKPOINTS



Checkpoint	OVERALL			2-May-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	363,535	190,180	173,355	5,428	2,777	2,651
Nalaikh	732,030	364,786	367,244	10,377	5,622	4,755
Morin	559,195	279,500	279,695	11,636	5,804	5,832
Emeelt	858,545	461,947	396,598	10,038	5,739	4,299
Gunt	445,520	222,941	222,579	10,672	5,333	5,339
Total	3,360,842	1,710,674	1,650,168	48,151	25,275	22,876



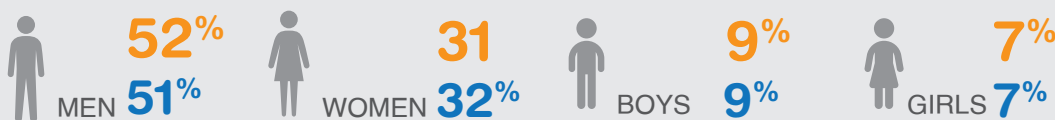
MOVEMENT IN TO ULAANBATAAR



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

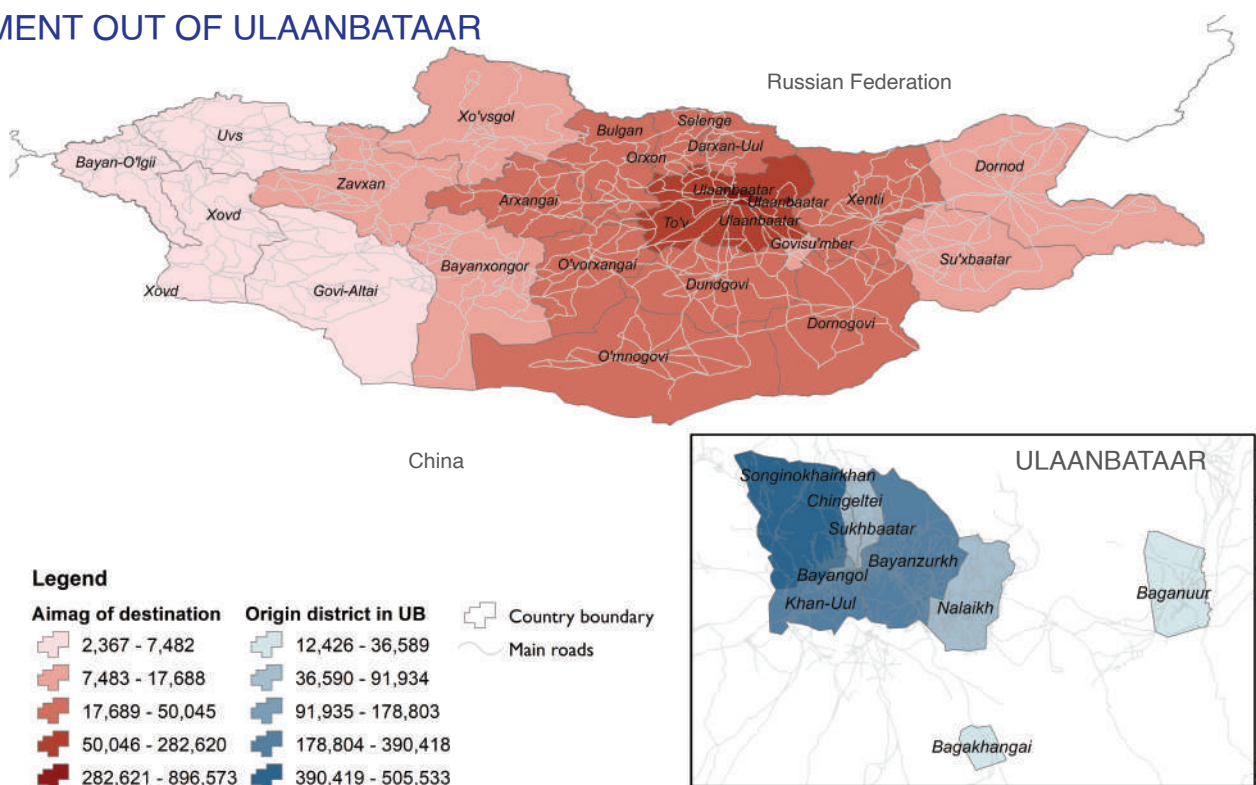
DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	5,121	11,579	33,781	54,063	109,224	41,023	271,341	60,336	273,833	36,207	896,508
Arkhangai	183	19	63	6,962	8,785	2,923	4,331	175	14,146	2,461	40,048
Bayankhongor	101	23	55	2,748	4,085	1,278	2,086	161	7,721	1,401	19,659
Bayan-Ulgii	23	5	1	350	619	101	147	48	1,106	224	2,624
Bulgan	203	22	63	5,591	7,371	2,265	3,856	109	9,819	1,934	31,233
Darkhan-Uul	270	50	134	7,873	9,641	2,667	5,602	346	21,250	3,202	51,035
Dornod	132	37	16	1,474	7,244	1,015	1,686	97	1,663	1,232	14,596
Dornogobi	358	41	91	4,470	10,036	1,334	3,153	318	3,308	1,893	25,002
Dundgobi	172	19	73	3,926	9,328	1,510	4,810	156	4,701	1,955	26,650
Gobi-Altai	48	19	36	1,047	1,861	479	815	34	3,636	533	8,508
Gobisumber	309	25	129	2,712	9,568	796	1,849	321	1,817	1,338	18,864
Khentii	276	45	33	3,389	20,620	1,960	3,307	423	3,353	2,756	36,162
Khovd	10	2	12	891	1,647	378	936	52	3,823	339	8,090
Khuvsgul	110	35	102	3,528	4,906	1,377	2,505	127	7,588	1,544	21,822
Orkhon	165	5	128	7,135	8,030	1,802	5,174	214	11,170	2,457	36,280
Selenge	186	40	196	11,208	11,237	3,311	5,814	383	12,849	3,503	48,727
Sukhbaatar	82	38	45	1,085	6,821	615	982	131	1,086	924	11,809
Tuv	1,894	258	966	45,953	65,460	20,796	53,628	7,285	85,647	22,273	304,160
Umnugobi	168	11	127	4,912	8,922	1,673	8,780	232	8,099	2,266	35,190
Uvurkhangai	227	60	133	6,901	9,668	2,658	6,078	246	18,029	2,510	46,510
Zavkhan	73	14	27	2,182	3,609	818	1,548	78	4,552	1,044	13,945
Uvs	38	5	21	1,036	2,074	498	919	98	3,718	432	8,839
?	85	15	323	559	1,358	187	705	399	892	336	4,859
TOTAL	10,234	12,367	36,555	179,995	322,114	91,464	390,052	71,769	503,806	92,764	1,711,120

MOVEMENT OUT OF 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 origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	372	45	6,919	71	5,030	2,323	3,425	168	12,289	2,044	32,686
Bayankhongor	104	23	2,978	86	2,315	991	1,790	105	7,252	1,089	16,733
Bayan-Ulgii	2	-	613	-	414	107	149	17	914	151	2,367
Bulgan	249	1	5,836	50	4,445	1,885	3,158	65	8,810	1,615	26,114
Darkhan-Uul	161	24	8,220	132	6,696	2,414	4,868	297	24,376	2,857	50,045
Dornod	130	23	8,364	21	1,454	928	1,640	220	1,501	1,195	15,476
Dornogobi	300	18	11,241	180	4,806	1,663	3,658	283	3,447	1,932	27,528
Dundgobi	108	20	9,233	86	3,454	1,392	4,806	127	5,210	2,092	26,528
Gobi-Altai	31	9	1,422	47	701	361	722	80	3,737	372	7,482
Gobisumber	174	20	9,184	92	2,444	841	1,783	306	1,778	1,066	17,688
Khentii	299	50	20,912	50	3,268	1,760	2,842	362	2,925	2,491	34,959
Khovd	29	-	1,324	15	737	244	684	55	3,132	326	6,546
Khuvsgul	94	11	3,572	23	2,209	1,018	1,898	75	7,489	1,024	17,413
Orkhon	156	11	6,419	123	6,022	1,740	4,331	179	12,031	1,883	32,895
Selenge	113	21	9,635	205	10,283	3,011	5,247	454	13,637	3,077	45,683
Sukhbaatar	130	22	7,197	34	918	624	1,017	85	1,060	1,081	12,168
Tuv	1,555	189	62,326	1,020	41,130	19,361	48,290	7,025	81,300	20,424	282,620
Umnugobi	100	20	10,015	163	5,157	2,136	9,240	258	8,512	2,995	38,596
Uvs	53	8	1,427	25	764	373	737	41	2,899	377	6,704
Uvurkhangai	237	49	7,064	119	5,398	1,968	4,687	135	15,502	2,094	37,253
Zavkhan	70	17	2,643	27	1,557	618	1,236	105	4,576	602	11,451
?	283	24	1,178	87	502	228	1,079	552	1,098	308	5,339
TOTAL	4,750	605	197,722	2,656	109,704	45,986	107,287	10,994	223,475	51,095	754,274