

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

3,009,550

cumulative movements tracked by DTM flow monitoring points (FMP)

32,468 ↑

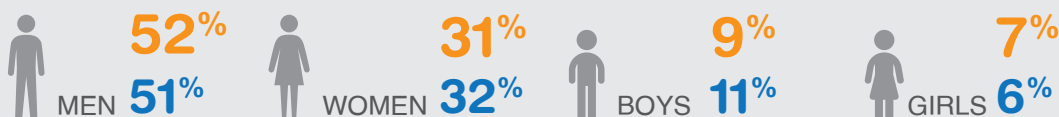
Movements tracked in the past 24 hrs

13,110 (R)
42,602 (N)

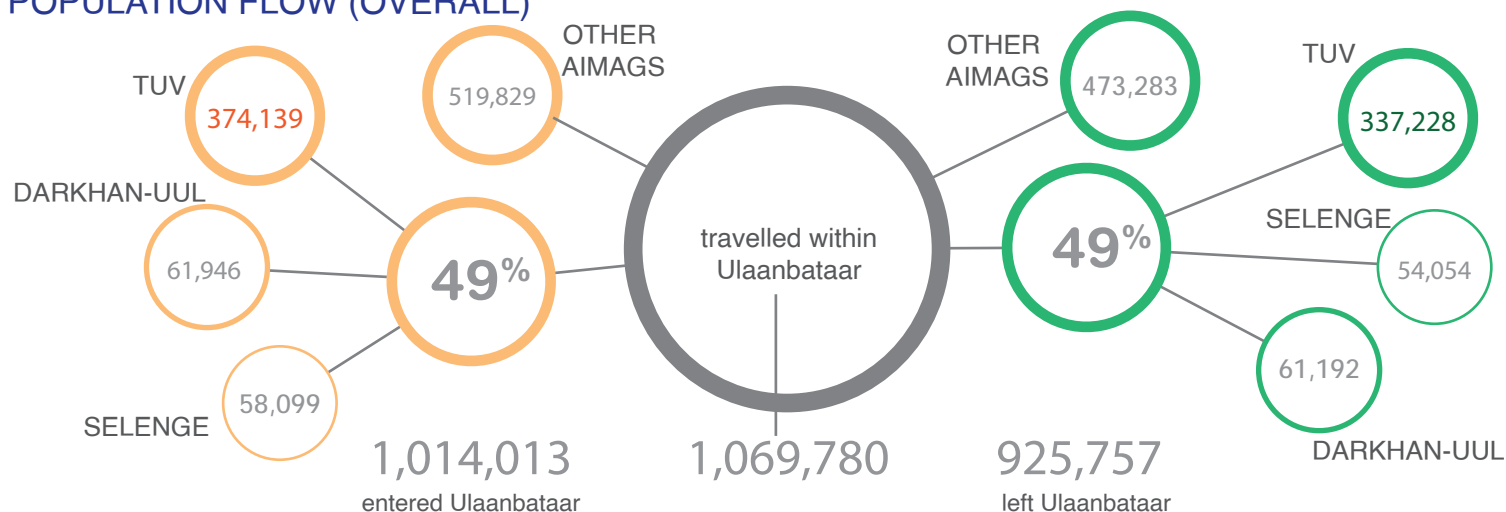
Average movement per day during restricted (R) and unrestricted (N) periods

DEMOGRAPHICS

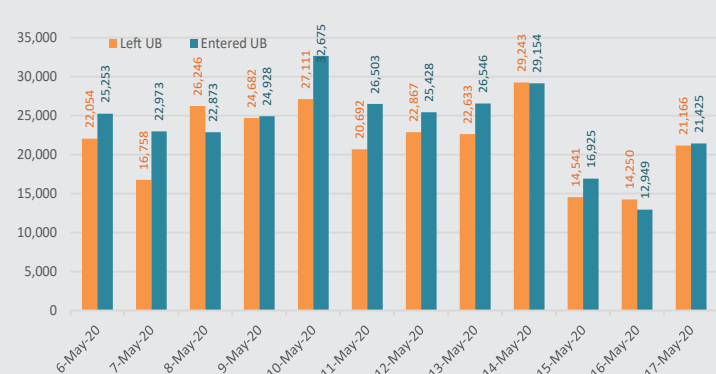
XX% - Overall
XX% - Past 24 hrs



POPULATION FLOW (OVERALL)



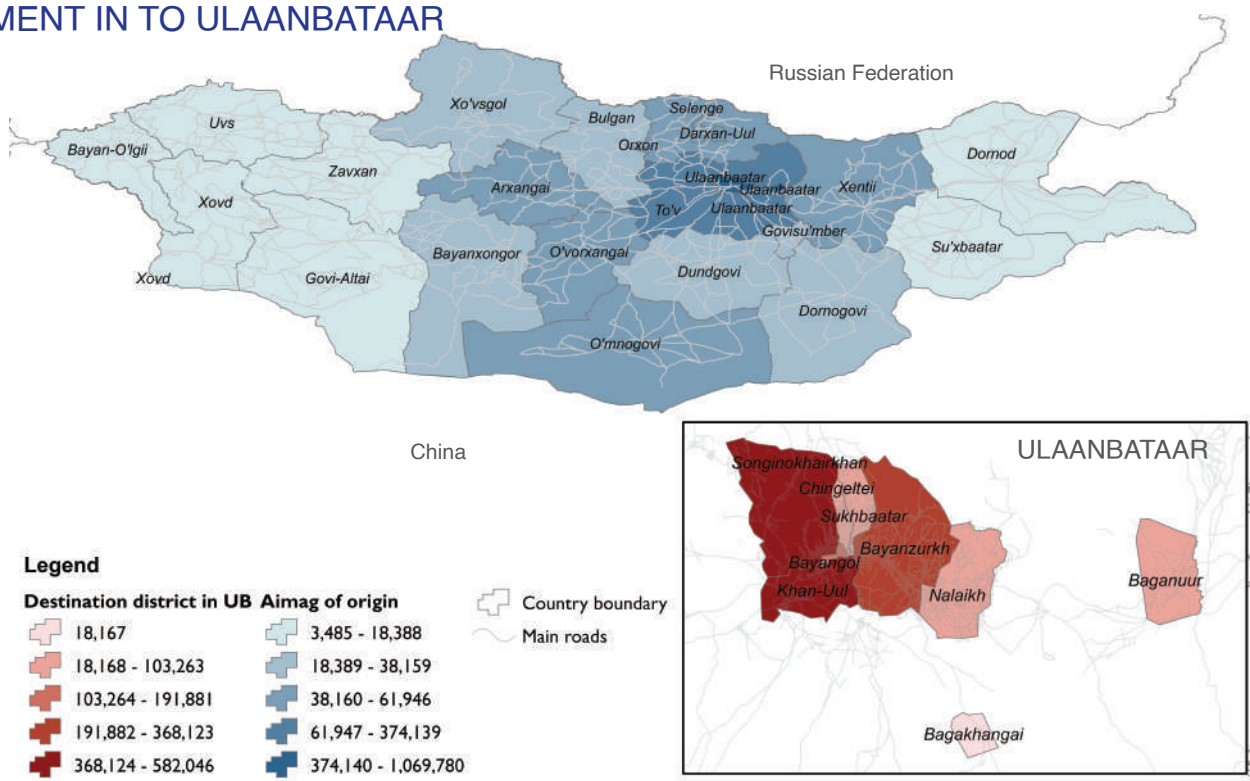
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			17-May-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	432,008	228,506	203,502	3,080	1,450	1,630
Nalaikh	896,894	447,788	449,106	12,111	5,730	6,381
Morin	730,980	365,442	365,538	10,907	5,459	5,448
Emeelt	1,072,309	577,463	494,846	13,753	7,417	6,336
Gunt	544,062	272,828	271,234	2,740	1,369	1,371
Total	4,078,270	2,083,347	1,994,923	42,591	21,425	21,166

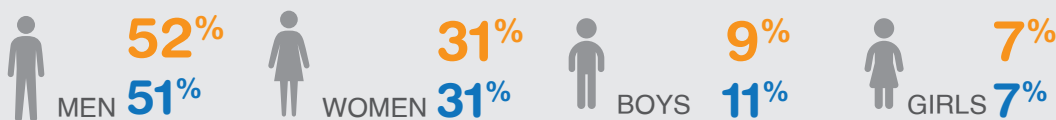
MOVEMENT IN TO ULAANBATAAR



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

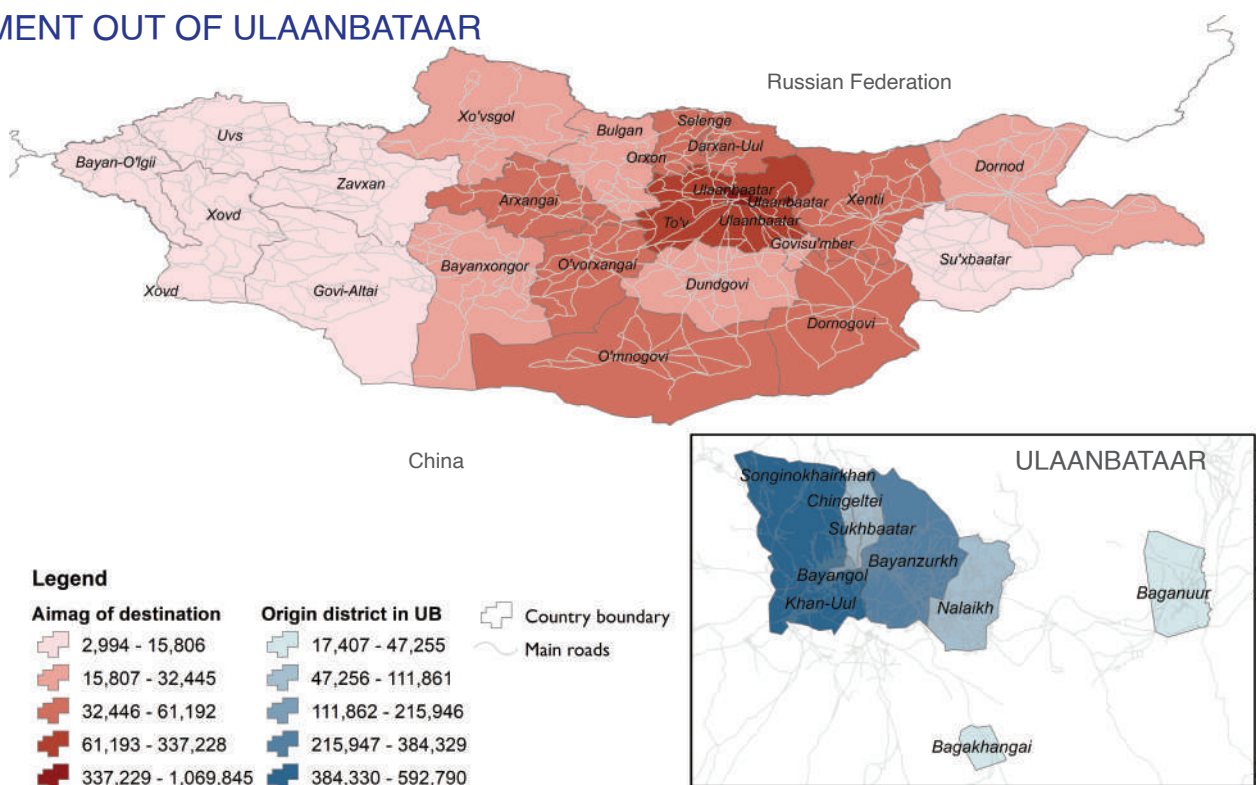
DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	6,180	16,373	43,548	62,763	126,165	50,872	349,638	63,315	308,470	42,456	1,069,780
Arkhangai	242	34	77	8,501	10,761	3,610	5,368	233	18,364	2,893	50,083
Bayankhongor	130	25	72	3,216	4,902	1,566	2,548	191	9,756	1,684	24,090
Bayan-Ulgii	23	5	1	427	787	128	168	51	1,629	266	3,485
Bulgan	239	27	73	6,639	8,931	2,770	4,822	126	12,167	2,365	38,159
Darkhan-Uul	317	61	180	9,387	11,514	3,082	6,804	383	26,401	3,817	61,946
Dornod	136	37	21	1,833	9,365	1,180	2,089	152	1,997	1,578	18,388
Dornogobi	403	62	138	6,324	14,323	1,886	4,408	597	4,397	2,881	35,419
Dundgobi	238	22	107	4,821	11,975	1,930	6,241	228	6,103	2,518	34,183
Gobi-Altai	51	30	39	1,218	2,177	586	1,015	51	4,769	612	10,548
Gobisumber	333	25	161	3,626	13,068	1,055	2,527	537	2,285	1,718	25,335
Khentii	305	54	46	4,325	26,642	2,458	4,102	559	4,155	3,360	46,006
Khovd	14	2	12	1,061	1,885	436	1,087	55	5,246	391	10,189
Khuvsgul	129	35	113	4,116	5,931	1,745	2,931	169	10,527	1,835	27,531
Orkhon	225	5	142	8,736	9,726	2,141	6,243	252	14,034	2,902	44,406
Selenge	227	46	233	13,561	13,390	4,043	6,839	447	15,250	4,063	58,099
Sukhbaatar	109	44	51	1,426	8,790	815	1,359	198	1,322	1,172	15,286
Tuv	2,215	332	1,386	55,424	80,744	25,240	65,341	11,963	104,652	26,842	374,139
Umnugobi	228	11	179	6,233	11,598	2,153	11,578	280	9,835	2,858	44,953
Uvurkhangai	289	64	146	8,121	11,894	3,208	7,461	283	22,856	3,196	57,518
Zavkhan	83	50	29	2,564	4,368	990	1,847	90	6,052	1,213	17,286
Uvs	38	11	21	1,289	2,482	553	1,151	108	5,066	524	11,243
?	98	22	479	635	1,513	209	843	418	1,135	369	5,721
TOTAL	12,252	17,377	47,254	216,246	392,931	112,656	496,410	80,686	596,468	111,513	2,083,793

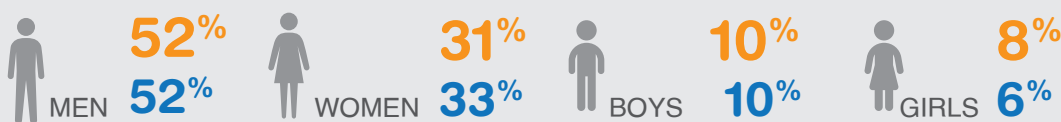
MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimag of destination											
Arkhangai	403	48	8,508	82	6,147	2,807	4,234	197	15,441	2,604	40,471
Bayankhongor	117	27	3,713	93	2,781	1,217	2,211	126	8,908	1,409	20,602
Bayan-Ulgii	2	-	726	-	486	143	176	27	1,262	172	2,994
Bulgan	303	3	6,993	63	5,356	2,233	3,842	77	10,854	1,972	31,696
Darkhan-Uul	235	39	9,846	154	8,063	2,963	5,977	425	29,683	3,807	61,192
Dornod	160	25	10,812	44	1,865	1,157	2,083	333	1,801	1,488	19,768
Dornogobi	409	23	15,957	248	6,575	2,284	5,063	495	4,326	2,653	38,033
Dundgobi	148	23	11,291	143	4,144	1,723	6,000	190	6,281	2,502	32,445
Gobi-Altai	31	9	1,688	49	922	471	919	85	4,508	502	9,184
Gobisumber	248	30	12,365	138	3,112	1,050	2,357	471	2,206	1,371	23,348
Khentii	325	64	26,978	80	4,078	2,244	3,700	655	3,594	3,170	44,888
Khovd	31	3	1,611	15	938	300	805	61	4,039	392	8,195
Khuvsgul	106	11	4,477	38	2,930	1,263	2,326	93	9,211	1,393	21,848
Orkhon	197	13	7,937	169	7,443	2,087	5,475	221	14,719	2,439	40,700
Selenge	158	29	11,406	248	12,154	3,620	6,134	514	16,058	3,733	54,054
Sukhbaatar	146	27	9,296	76	1,268	758	1,354	160	1,339	1,382	15,806
Tuv	1,879	239	75,181	1,462	48,147	22,800	58,291	10,783	94,295	24,151	337,228
Umnugobi	123	33	12,209	205	6,210	2,632	11,586	304	10,089	3,501	46,892
Uvs	62	8	1,843	27	1,097	442	959	52	3,809	555	8,854
Uvurkhangai	278	53	8,671	137	6,738	2,518	5,874	170	19,412	2,641	46,492
Zavkhan	70	17	3,404	29	2,045	829	1,562	112	5,826	803	14,697
?	341	33	1,427	103	627	299	1,225	582	1,300	433	6,370
TOTAL	5,772	757	246,339	3,603	133,126	55,840	132,153	16,133	268,961	63,073	925,757