

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 May 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

2,308,337

cumulative movements tracked by DTM flow monitoring points (FMP)

41,844 ↓

Movements tracked in the past 24 hrs

10,805 (R)
44,012 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

52%

55%



WOMEN

31%

31%



BOYS

9%

8%

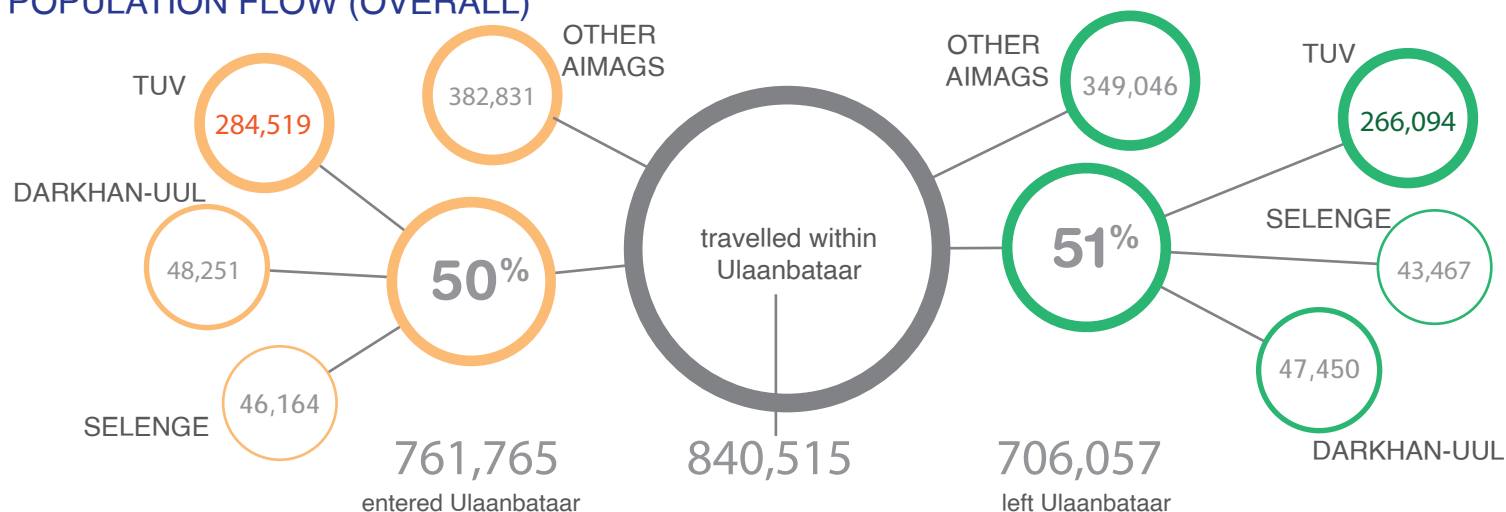


GIRLS

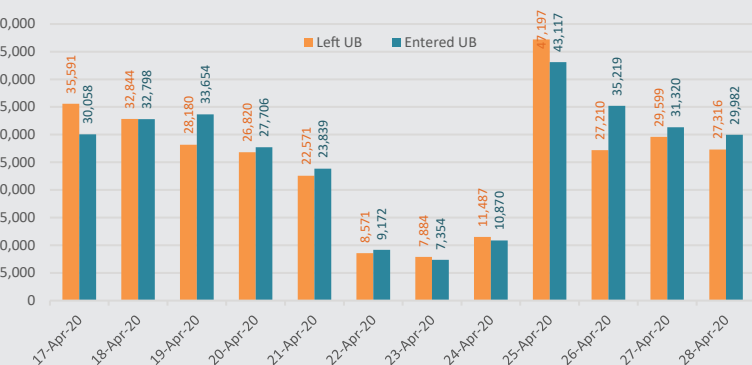
8%

6%

POPULATION FLOW (OVERALL)



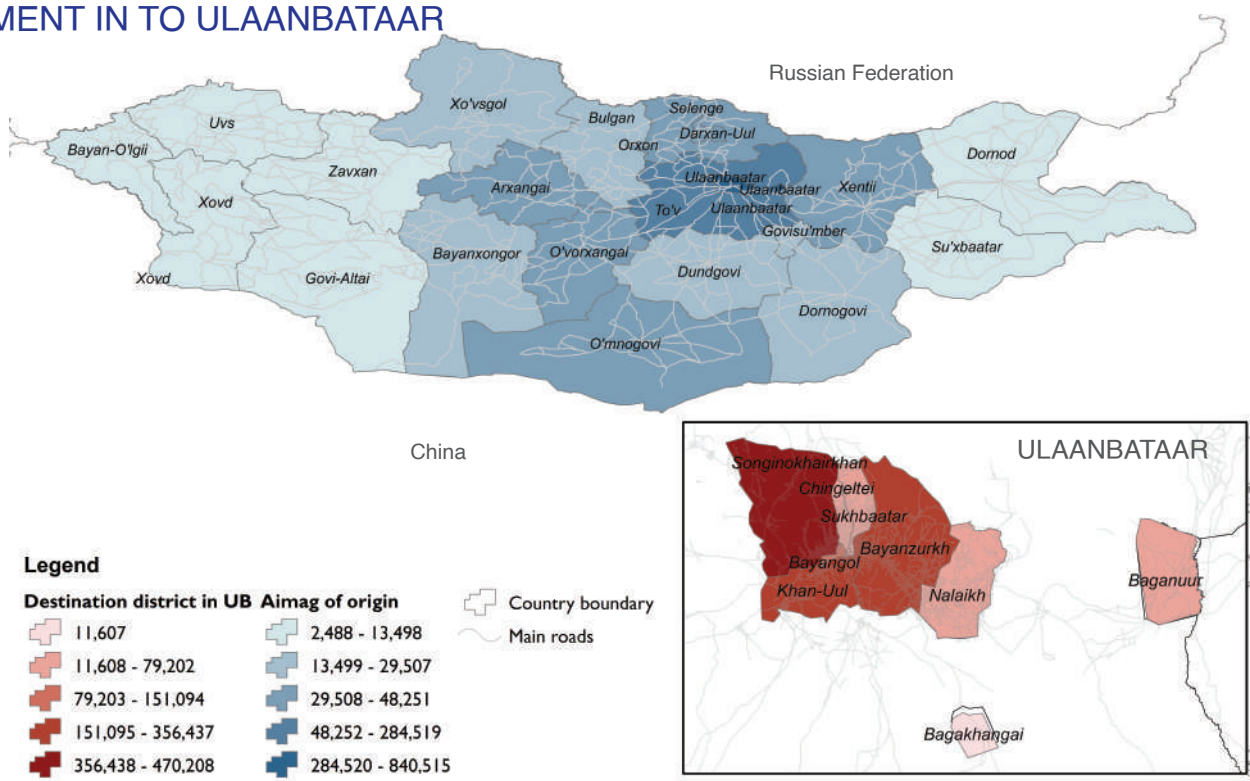
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			28-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	343,674	179,080	164,594	6,099	3,179	2,920
Nalaikh	683,637	341,978	341,659	10,409	5,350	5,059
Morin	511,876	255,776	256,100	14,586	7,299	7,287
Emeelt	799,412	429,888	369,524	17,530	9,796	7,734
Gunt	407,176	203,792	203,384	8,674	4,358	4,316
Total	3,147,792	1,601,834	1,545,958	57,298	29,982	27,316

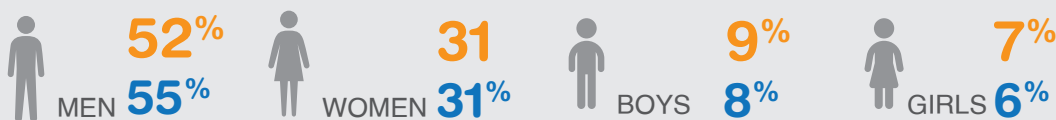
MOVEMENT IN TO ULAANBATAAR



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

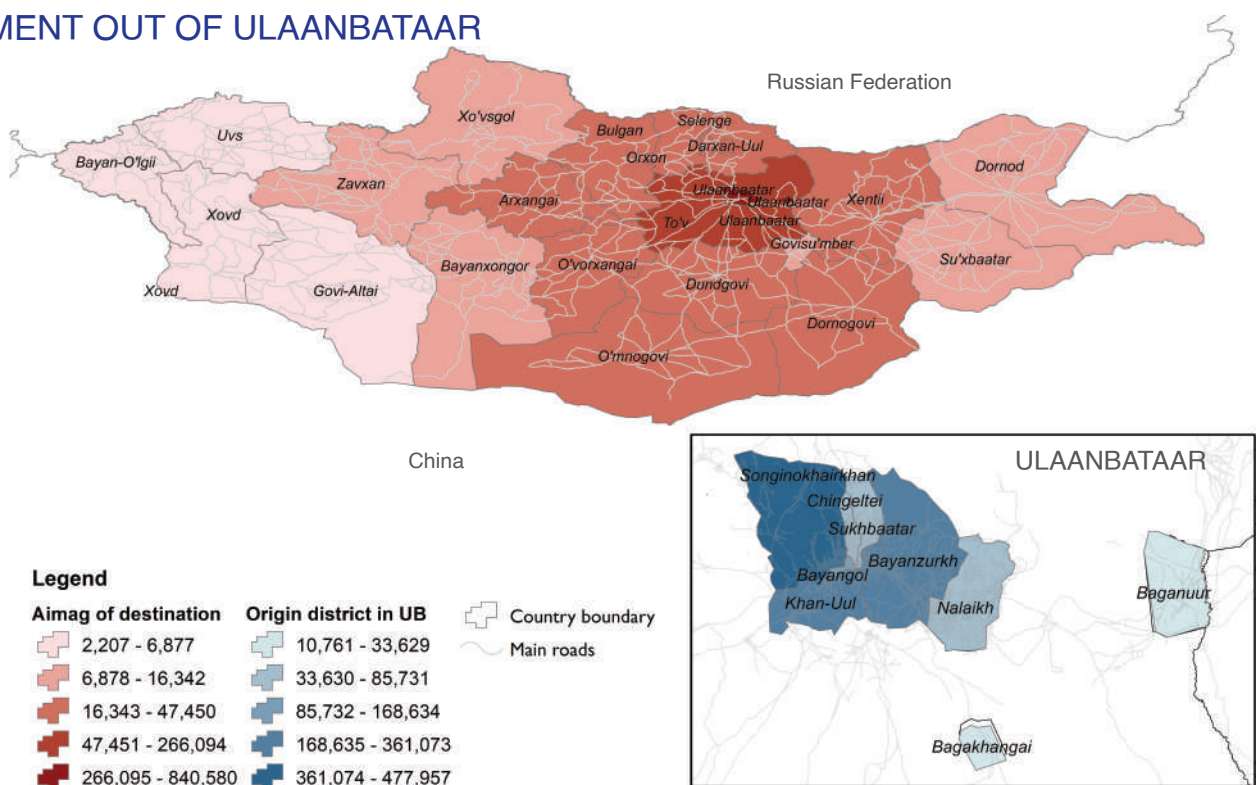
DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	4,052	10,002	31,263	51,301	103,022	37,270	249,875	59,552	260,311	33,867	840,515
Arkhangai	177	19	59	6,582	8,230	2,764	4,094	175	13,228	2,287	37,615
Bayankhongor	97	23	51	2,564	3,796	1,219	1,947	159	7,238	1,263	18,357
Bayan-Ulgii	23	5	1	342	590	101	144	29	1,039	214	2,488
Bulgan	197	22	50	5,305	6,978	2,117	3,687	109	9,253	1,789	29,507
Darkhan-Uul	261	45	128	7,470	9,123	2,529	5,278	336	20,095	2,986	48,251
Dornod	102	37	16	1,408	6,668	925	1,560	89	1,538	1,155	13,498
Dornogobi	306	35	76	4,073	9,143	1,219	2,855	275	3,025	1,739	22,746
Dundgobi	142	19	57	3,593	8,655	1,382	4,460	148	4,393	1,805	24,654
Gobi-Altai	41	19	36	1,001	1,784	461	773	29	3,406	484	8,034
Gobisumber	231	9	123	2,548	8,662	744	1,750	267	1,648	1,247	17,229
Khentii	184	33	33	3,168	19,076	1,812	3,084	372	3,130	2,588	33,480
Khovd	10	2	12	861	1,598	358	891	46	3,641	315	7,734
Khuvsgul	110	35	89	3,347	4,592	1,315	2,366	96	7,194	1,458	20,602
Orkhon	156	5	122	6,663	7,493	1,703	4,787	205	10,408	2,296	33,838
Selenge	168	36	175	10,591	10,697	3,104	5,545	375	12,150	3,323	46,164
Sukhbaatar	72	34	34	1,021	6,282	587	914	109	996	864	10,913
Tuv	1,563	230	919	43,350	61,156	19,472	50,073	6,278	80,720	20,758	284,519
Umnugobi	143	7	103	4,577	8,297	1,558	8,215	182	7,541	2,137	32,760
Uvurkhangai	213	58	120	6,569	9,022	2,484	5,684	243	16,825	2,418	43,636
Zavkhan	73	14	27	2,097	3,424	763	1,480	73	4,359	1,004	13,314
Uvs	36	5	21	977	1,990	488	863	96	3,467	422	8,365
?	78	13	53	512	1,168	169	625	335	811	297	4,061
TOTAL	8,435	10,707	33,568	169,920	301,446	84,544	360,950	69,578	476,416	86,716	1,602,280

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



52%
56%



30%
31%



10%
8%



UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	364	45	6,590	71	4,747	2,202	3,219	167	11,608	1,883	30,896
Bayankhongor	96	23	2,797	79	2,226	943	1,695	105	6,698	998	15,660
Bayan-Ulgii	2	-	573	-	379	102	142	12	855	142	2,207
Bulgan	249	1	5,518	50	4,183	1,796	2,971	65	8,395	1,518	24,746
Darkhan-Uul	158	18	7,784	123	6,326	2,309	4,600	270	23,185	2,677	47,450
Dornod	77	23	7,579	12	1,336	856	1,518	161	1,386	1,048	13,996
Dornogobi	216	14	10,113	148	4,276	1,494	3,183	220	3,159	1,657	24,480
Dundgobi	96	17	8,450	78	3,107	1,307	4,387	123	4,846	1,911	24,322
Gobi-Altai	31	9	1,309	47	613	335	684	77	3,412	360	6,877
Gobisumber	113	15	8,383	84	2,199	780	1,600	266	1,670	943	16,053
Khentii	166	37	18,829	32	3,005	1,611	2,544	304	2,700	2,267	31,495
Khovd	26	-	1,257	15	677	226	651	54	2,977	285	6,168
Khuvsgul	89	11	3,360	23	2,078	969	1,793	72	6,995	952	16,342
Orkhon	149	11	6,099	114	5,723	1,665	4,120	175	11,479	1,757	31,292
Selenge	113	21	9,139	195	9,687	2,844	4,990	446	13,108	2,924	43,467
Sukhbaatar	76	18	6,586	16	791	537	934	76	1,011	1,024	11,069
Tuv	1,397	175	58,328	887	39,038	18,178	45,525	5,933	77,473	19,160	266,094
Umnugobi	93	20	9,448	158	4,882	2,030	8,583	231	8,108	2,787	36,340
Uvs	33	8	1,282	25	678	348	650	41	2,696	335	6,096
Uvurkhangai	233	49	6,702	108	5,087	1,841	4,373	133	14,825	1,953	35,304
Zavkhan	70	16	2,472	26	1,472	568	1,182	99	4,268	580	10,753
?	262	18	1,049	77	446	218	1,028	516	1,049	287	4,950
TOTAL	4,109	549	183,647	2,368	102,956	43,159	100,372	9,546	211,903	47,448	706,057