

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

992,027

cumulative movements tracked by DTM flow monitoring points (FMP)

36,697 ↓

Movements tracked in the past 24 hrs

10,196 (R)
43,775 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

51%

54%



WOMEN

31%

31%



BOYS

10%

9%

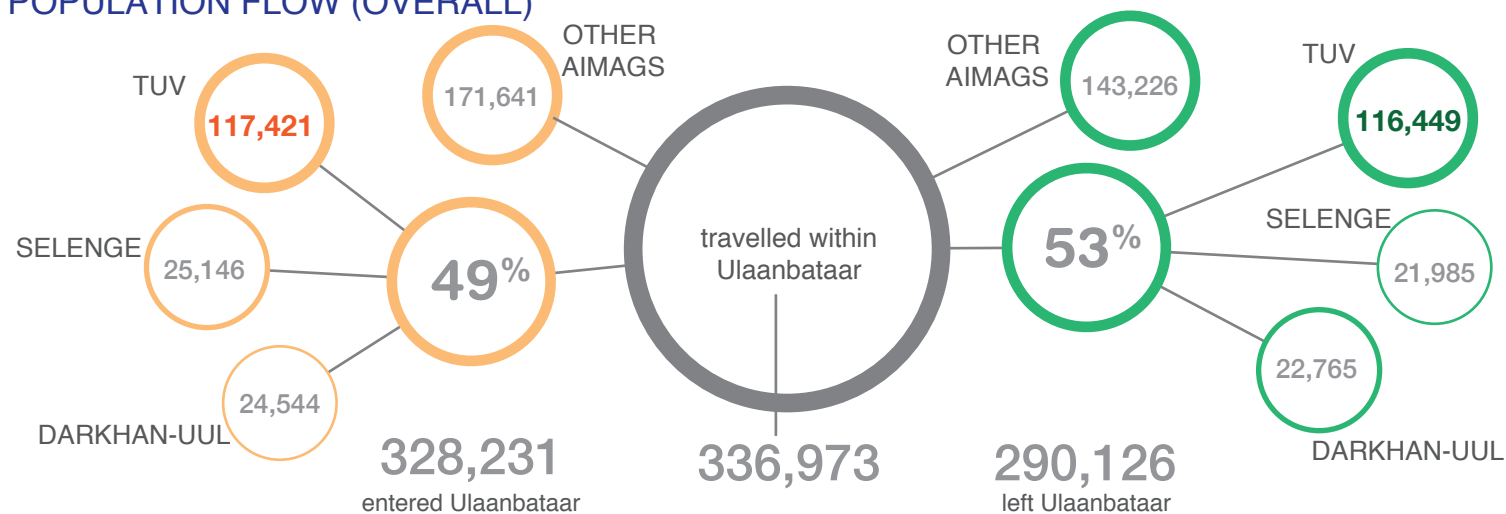


GIRLS

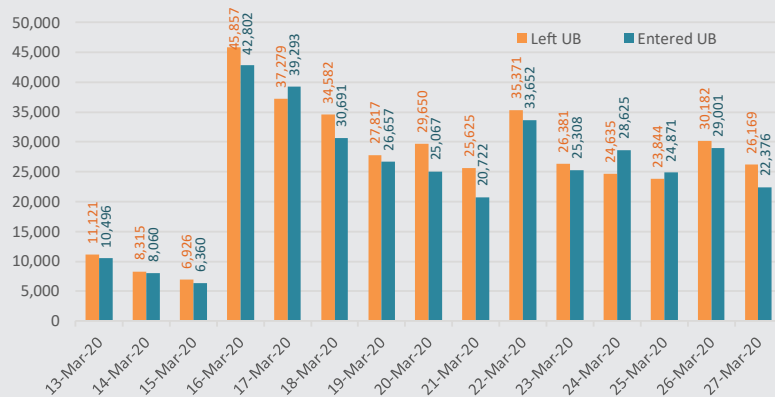
8%

7%

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS

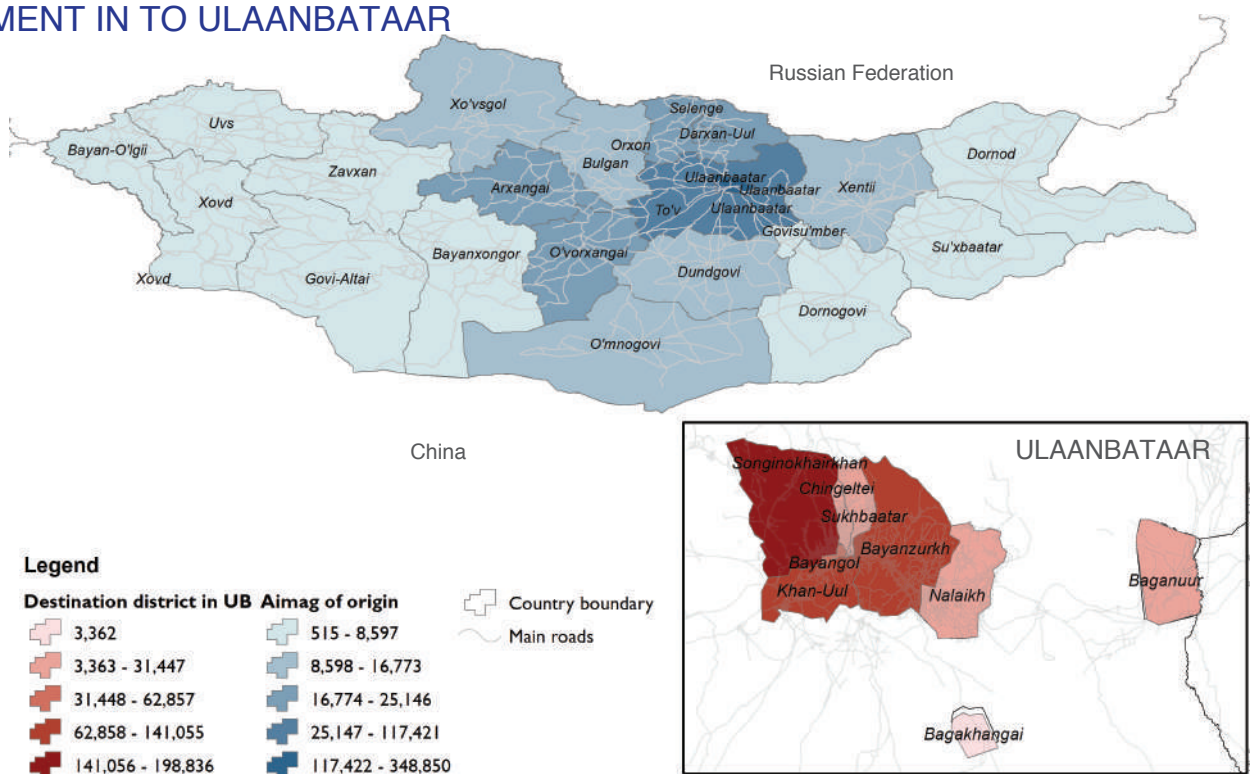


MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			27-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	250,192	122,330	127,862	7,721	3,601	4,120
Baruunturuun	149,956	73,047	76,909	6,910	4,011	2,899
Nalaikh	250,273	125,465	124,808	12,381	5,487	6,894
Morin	205,914	103,103	102,811	7,159	3,580	3,579
Ulziit	363,157	201,674	161,483	9,445	3,428	6,017
Gunt	121,262	61,949	59,313	4,929	2,269	2,660
Total	1,340,754	687,568	653,186	48,545	22,376	26,169



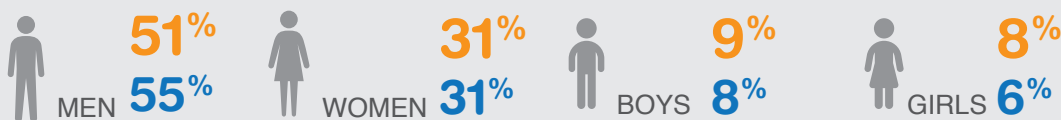
MOVEMENT IN TO ULAANBATAAR



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

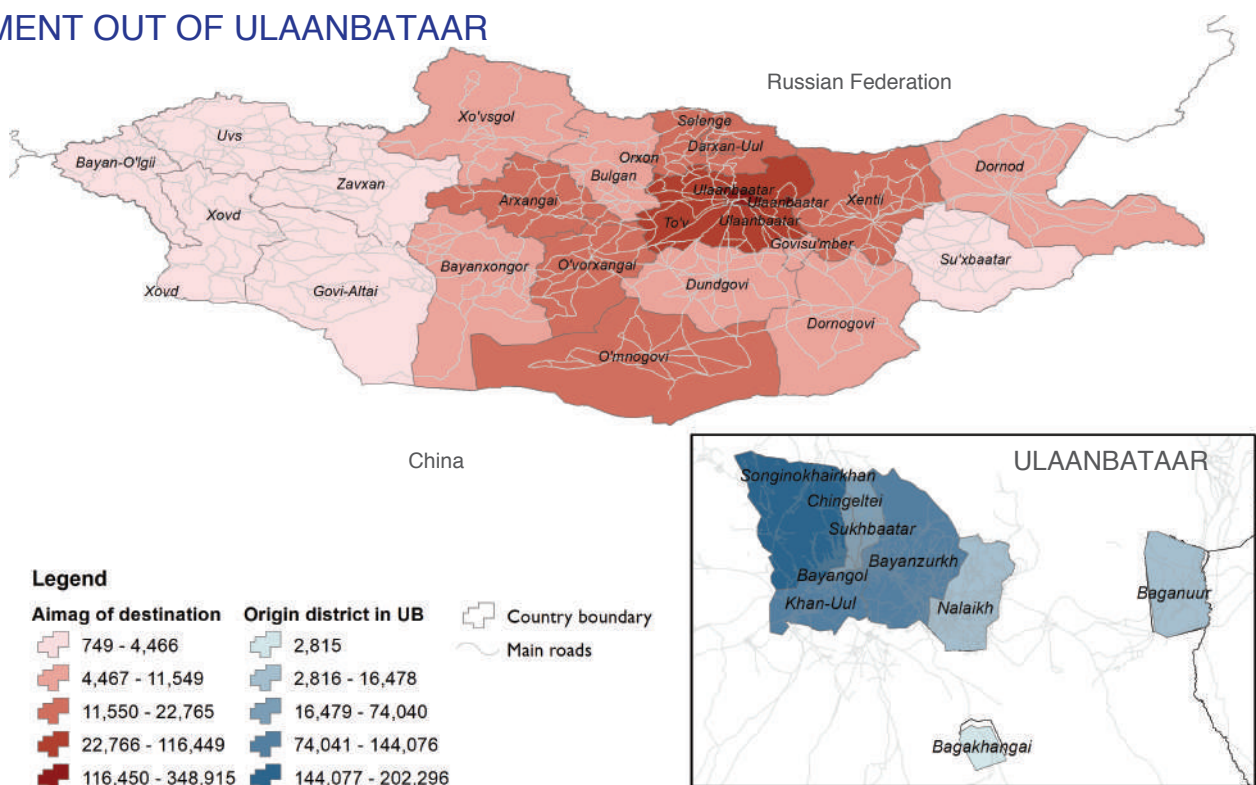
DEMOGRAPHICS

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	921	2,569	10,096	21,503	43,499	14,940	102,405	20,789	117,974	14,154	348,850
Arkhangai	71	10	24	3,343	4,199	1,384	2,022	102	6,580	1,199	18,934
Bayankhongor	38	1	30	1,211	1,959	597	927	79	3,142	613	8,597
Bayan-Ulgii	4	-	-	64	133	28	27	6	192	61	515
Bulgan	94	18	29	2,622	3,510	1,061	1,906	59	4,278	925	14,502
Darkhan-Uul	79	23	64	4,077	4,973	1,342	2,856	248	9,373	1,509	24,544
Dornod	10	3	-	630	2,611	430	560	16	714	526	5,500
Dornogobi	33	9	3	1,442	3,141	379	885	17	1,107	632	7,648
Dundgobi	30	-	5	1,626	3,464	614	1,904	6	2,049	788	10,486
Gobi-Altai	17	11	31	573	989	257	322	18	1,616	291	4,125
Gobisumber	18	5	12	1,009	3,327	295	645	5	687	534	6,537
Khentii	19	3	11	1,364	7,576	853	1,156	16	1,194	1,083	13,275
Khovd	5	-	12	423	805	189	467	40	1,386	113	3,440
Khuvsgul	30	23	61	1,906	2,503	650	1,220	47	3,041	728	10,209
Orkhon	68	-	55	3,046	3,889	893	2,400	150	5,029	1,243	16,773
Selenge	87	21	79	5,491	5,853	1,825	2,948	264	6,741	1,837	25,146
Sukhbaatar	19	4	15	446	2,602	195	291	25	417	336	4,350
Tuv	457	92	265	18,593	24,336	8,508	19,824	445	36,394	8,507	117,421
Umnugobi	68	5	33	1,794	3,190	631	3,000	44	3,237	798	12,800
Uvurkhangai	90	41	62	3,398	4,517	1,443	2,881	129	7,851	1,209	21,621
Zavkhan	33	9	4	1,146	1,856	405	801	27	1,952	505	6,738
Uvs	17	5	4	543	1,057	244	445	87	1,815	204	4,421
?	20	4	-	166	337	42	154	53	284	110	1,170
TOTAL	2,228	2,856	10,895	76,416	130,326	37,205	150,046	22,672	217,053	37,905	687,602

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



51%
 52%



30%
 30%



10%
 10%



9%
 8%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	118	-	2,898	36	2,102	1,013	1,412	68	5,023	964	13,634
Bayankhongor	67	3	1,053	59	770	398	744	54	2,674	425	6,247
Bayan-Ulgii	-	-	192	-	163	24	43	-	297	30	749
Bulgan	75	1	2,547	19	2,040	874	1,368	23	3,909	693	11,549
Darkhan-Uul	50	11	3,795	50	3,193	1,101	2,340	173	10,783	1,269	22,765
Dornod	23	8	3,004	2	551	465	577	10	661	395	5,696
Dornogobi	48	5	4,111	24	1,579	633	1,227	1	1,289	599	9,516
Dundgobi	32	7	3,139	9	1,281	573	1,819	24	1,940	748	9,572
Gobi-Altai	21	9	425	17	217	121	223	6	1,334	141	2,514
Gobisumber	11	-	2,973	13	803	361	566	8	665	380	5,780
Khentii	40	4	7,653	8	1,253	766	986	5	1,222	1,009	12,946
Khovd	10	-	511	6	248	89	278	33	1,044	133	2,352
Khuvsgul	32	3	1,317	11	856	324	750	14	2,616	392	6,315
Orkhon	57	9	2,944	72	2,521	842	2,007	103	5,488	928	14,971
Selenge	28	12	4,689	106	4,703	1,445	2,595	296	6,690	1,421	21,985
Sukhbaatar	15	-	2,645	2	305	248	386	7	443	415	4,466
Tuv	452	55	23,794	230	17,907	8,189	20,064	426	36,900	8,432	116,449
Umnugobi	40	11	3,975	52	2,034	859	3,400	68	3,808	1,154	15,401
Uvs	15	7	427	-	158	139	231	27	851	125	1,980
Uvurkhangai	89	18	2,901	41	2,260	777	1,872	49	5,955	873	14,835
Zavkhan	25	5	824	12	494	198	362	20	1,570	192	3,702
?	50	1	176	15	102	75	105	45	384	48	1,001
TOTAL	1,298	169	75,993	784	45,540	19,514	43,355	1,460	95,546	20,766	304,425