

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 zdud.

NUMBERS AT A GLANCE

955,330

cumulative movements tracked by DTM flow monitoring points (FMP)

43,091 ↑

Movements tracked in the past 24 hrs

10,196 (R)
44,169 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

51%
56%



WOMEN

31%
30%



BOYS

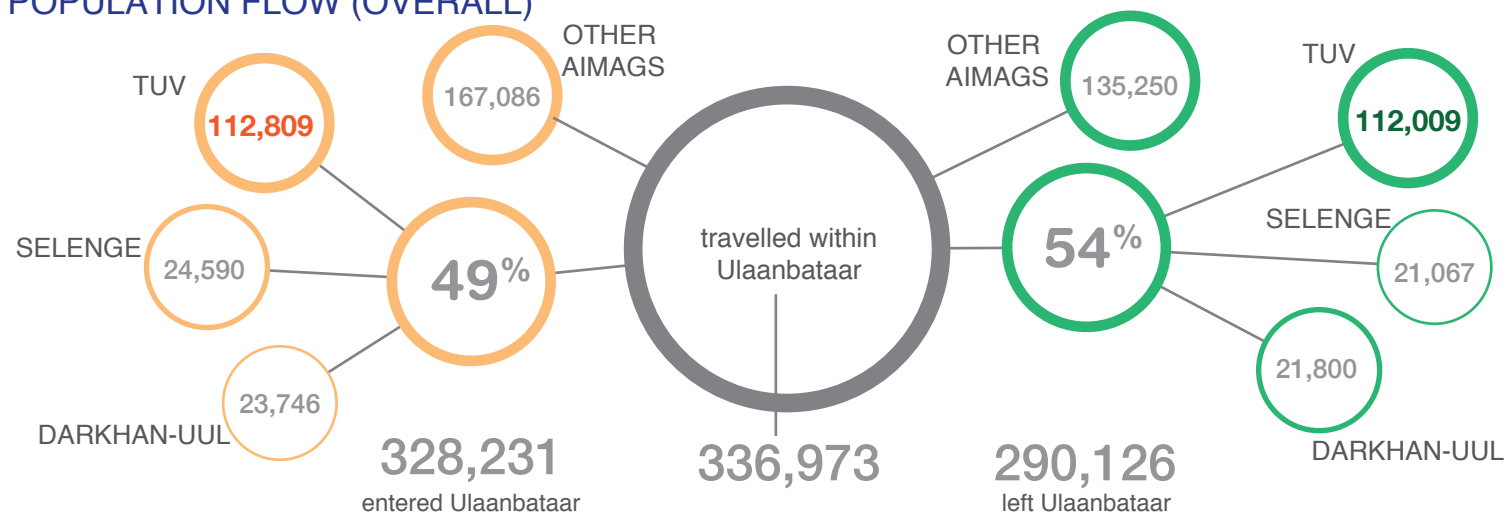
10%
8%



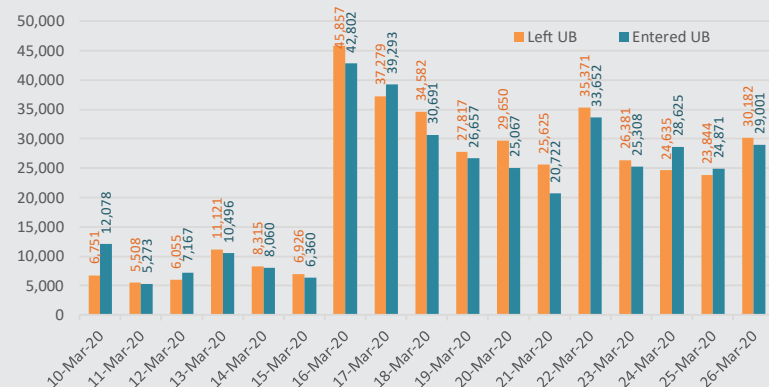
GIRLS

8%
6%

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS

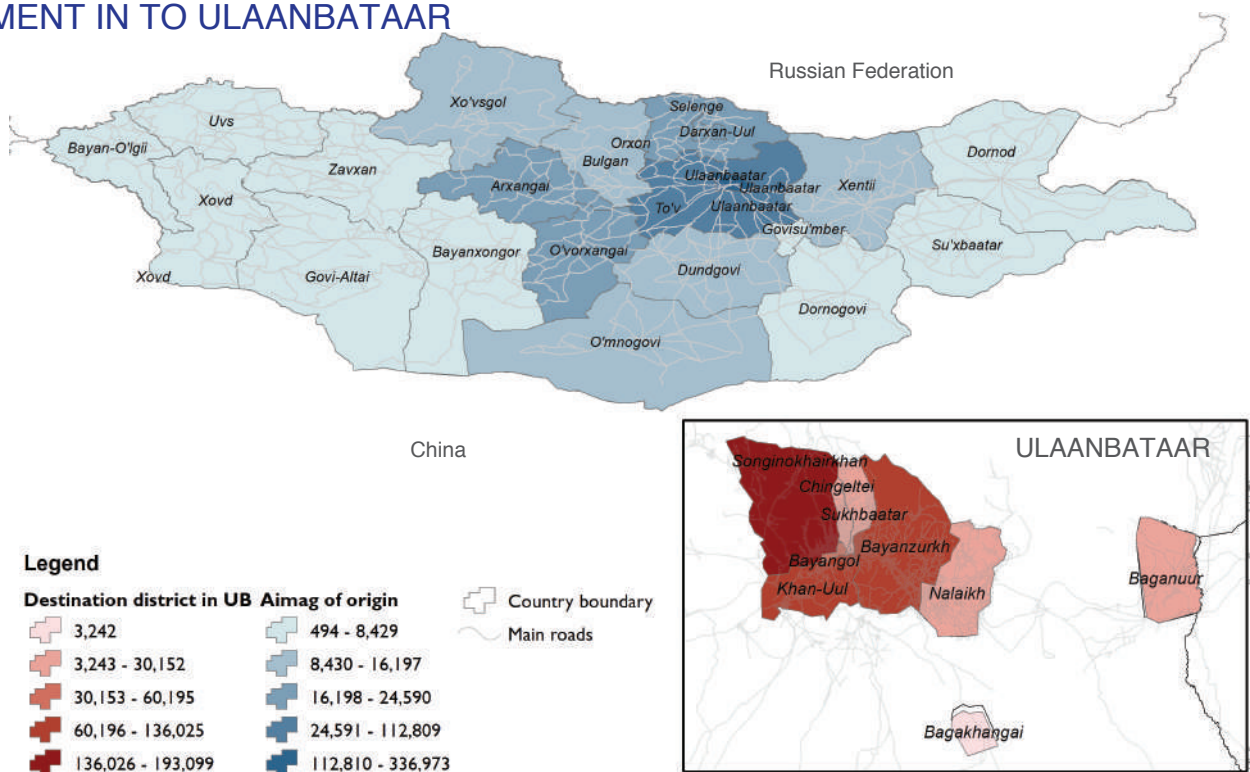


MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			26-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	242,471	118,729	123,742	6,900	3,166	3,734
Baruunturuun	143,046	69,036	74,010	6,721	3,593	3,128
Nalaikh	237,892	119,978	117,914	18,777	9,500	9,277
Morin	198,755	99,523	99,232	9,881	4,937	4,944
Ulziit	353,712	198,246	155,466	14,336	6,704	7,632
Gunt	116,333	59,680	56,653	2,568	1,101	1,467
Total	1,292,209	665,192	627,017	59,183	29,001	30,182



MOVEMENT IN TO ULAANBATAAR

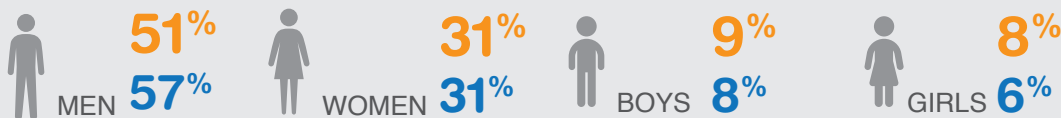


The boundaries and names shown and the designation used on this map do not imply official endorsement or acceptance

DEMOGRAPHICS

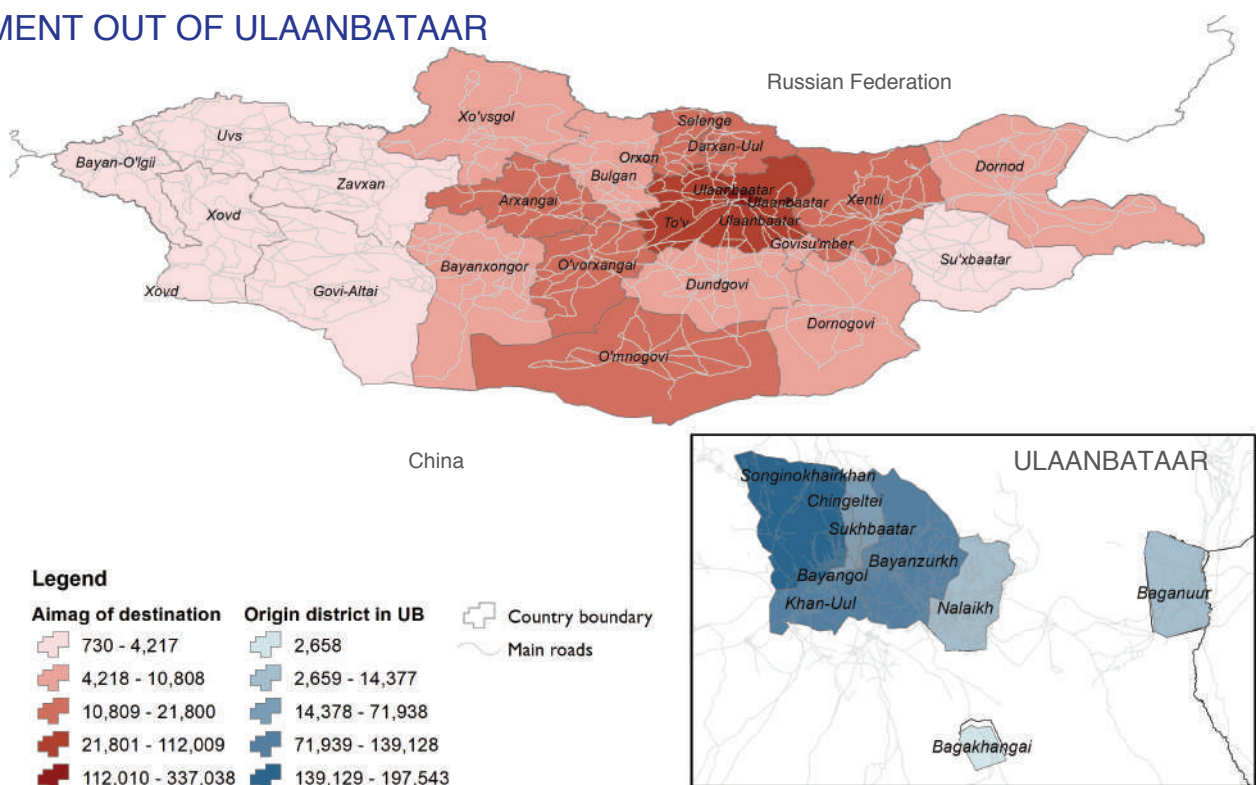
XX% - Overall

XX% - Past 24 hrs



UB district of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of origin											
Ulaanbaatar	894	2,416	9,478	20,981	42,027	13,774	98,996	18,735	115,895	13,777	336,973
Arkhangai	71	10	24	3,270	4,107	1,338	1,956	102	6,369	1,174	18,421
Bayankhongor	38	1	30	1,198	1,911	590	892	79	3,086	604	8,429
Bayan-Ulgii	4	-	-	56	124	28	27	6	188	61	494
Bulgan	94	18	29	2,567	3,404	1,043	1,839	59	4,170	884	14,107
Darkhan-Uul	69	23	59	3,946	4,829	1,317	2,780	247	8,999	1,477	23,746
Dornod	10	3	-	630	2,588	420	560	16	709	520	5,456
Dornogobi	33	9	3	1,399	3,092	379	855	17	1,082	623	7,492
Dundgobi	30	-	5	1,550	3,278	578	1,779	6	1,931	751	9,908
Gobi-Altai	17	11	31	569	977	251	319	18	1,559	285	4,037
Gobisumber	18	5	12	999	3,242	282	639	5	667	531	6,400
Khentii	19	3	11	1,354	7,409	845	1,130	8	1,186	1,056	13,021
Khovd	5	-	12	409	801	184	456	40	1,328	107	3,342
Khuvsgul	30	23	61	1,862	2,472	642	1,199	47	3,026	723	10,085
Orkhon	64	-	48	2,967	3,760	875	2,321	150	4,815	1,197	16,197
Selenge	85	21	79	5,330	5,744	1,787	2,877	251	6,608	1,808	24,590
Sukhbaatar	19	4	15	446	2,571	195	291	25	415	336	4,317
Tuv	434	92	265	17,834	23,407	8,140	18,930	428	35,083	8,196	112,809
Umnugobi	68	5	33	1,718	3,032	585	2,866	44	3,092	716	12,159
Uvurkhangai	88	41	62	3,331	4,404	1,424	2,828	121	7,594	1,174	21,067
Zavkhan	33	5	4	1,098	1,819	398	796	27	1,923	494	6,597
Uvs	17	5	4	543	1,048	244	443	87	1,805	196	4,392
?	20	4	-	166	334	42	154	53	282	110	1,165
TOTAL	2,160	2,699	10,265	74,223	126,380	35,361	144,933	20,571	211,812	36,800	665,204

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



51%
 54%



29%
 29%



10%
 9%



9%
 7%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	117	-	2,641	36	1,970	947	1,267	65	4,754	908	12,705
Bayankhongor	67	3	1,022	59	696	372	667	52	2,513	399	5,850
Bayan-Ulgii	-	-	187	-	159	23	43	-	290	28	730
Bulgan	75	1	2,394	19	1,917	822	1,243	23	3,669	645	10,808
Darkhan-Uul	49	11	3,606	50	3,069	1,059	2,226	173	10,330	1,227	21,800
Dornod	23	8	2,873	2	516	431	568	10	641	387	5,459
Dornogobi	48	5	3,876	24	1,528	605	1,206	1	1,254	587	9,134
Dundgobi	32	7	2,973	9	1,186	529	1,733	24	1,863	699	9,055
Gobi-Altai	21	9	412	17	201	121	215	6	1,238	135	2,375
Gobisumber	11	-	2,859	13	775	322	538	8	645	377	5,548
Khentii	35	4	7,217	8	1,230	713	934	5	1,160	971	12,277
Khovd	10	-	483	6	230	82	268	33	940	116	2,168
Khuvsgul	26	3	1,226	8	826	302	704	14	2,460	359	5,928
Orkhon	54	6	2,818	72	2,421	815	1,922	103	5,314	845	14,370
Selenge	28	12	4,491	103	4,502	1,387	2,531	287	6,370	1,356	21,067
Sukhbaatar	10	-	2,466	2	302	232	372	7	429	397	4,217
Tuv	430	52	22,801	229	17,243	7,843	19,343	411	35,541	8,116	112,009
Umnugobi	40	11	3,804	52	1,927	828	3,194	68	3,609	1,067	14,600
Uvs	15	7	393	-	139	102	217	25	742	117	1,757
Uvurkhangai	89	18	2,724	41	2,084	720	1,742	47	5,546	823	13,834
Zavkhan	25	5	777	12	472	168	357	20	1,464	178	3,478
?	50	1	161	15	98	70	100	44	370	48	957
TOTAL	1,255	163	72,204	777	43,491	18,493	41,390	1,426	91,142	19,785	290,126