

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 27<sup>th</sup> 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 27<sup>th</sup>, 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 3<sup>rd</sup> and is scheduled to last until May 1<sup>st</sup>, 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

**1,215,734**

cumulative movements tracked by DTM flow monitoring points (FMP)

**31,687** ↑

Movements tracked in the past 24 hrs

**10,196 (R)**  
**42,218 (N)**

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

### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



MEN

**51%**

**54%**



WOMEN

**31%**

**32%**



BOYS

**10%**

**8%**

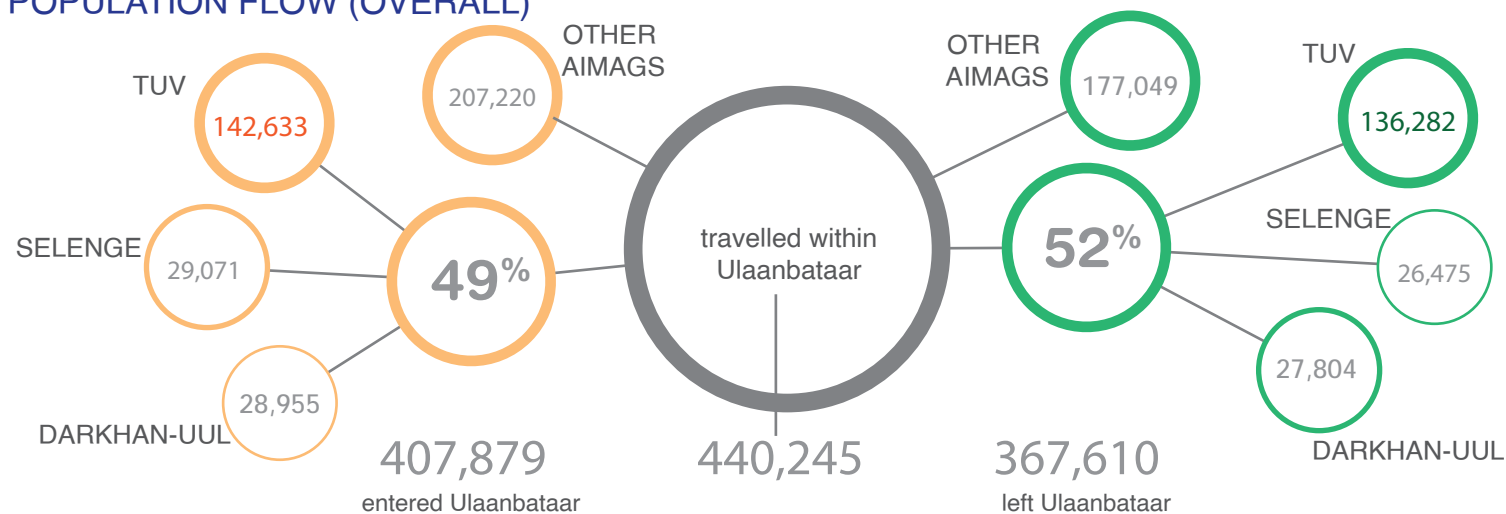


GIRLS

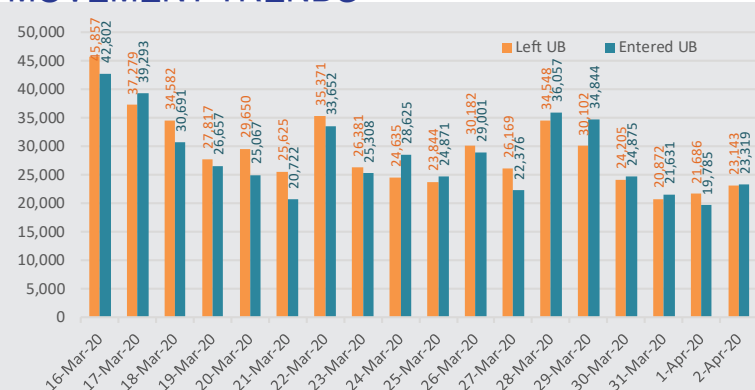
**8%**

**6%**

### POPULATION FLOW (OVERALL)



### MOVEMENT TRENDS

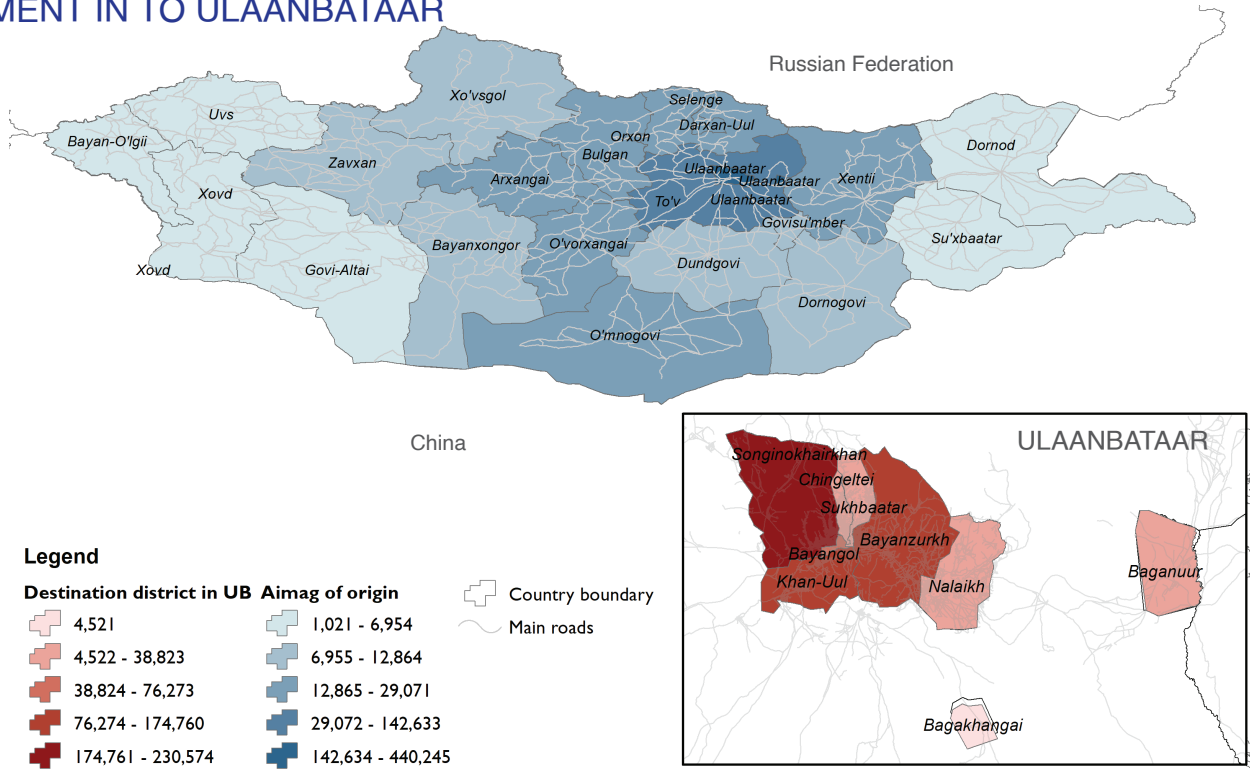


### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			2-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	285,529	137,866	147,663	6,151	2,368	3,783
Baruunturuun	181,893	91,337	90,556	4,853	2,762	2,091
Nalaikh	353,022	178,287	174,735	16,680	8,542	8,138
Morin	257,351	128,852	128,499	9,107	4,546	4,561
Ulziit	414,523	229,140	185,383	3,640	2,164	1,476
Gunt	163,503	82,597	80,906	6,031	2,937	3,094
<b>Total</b>	<b>1,655,821</b>	<b>848,079</b>	<b>807,742</b>	<b>46,462</b>	<b>23,319</b>	<b>23,143</b>



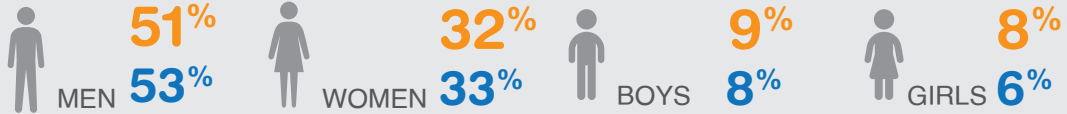
**MOVEMENT IN TO ULAANBATAAR**



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

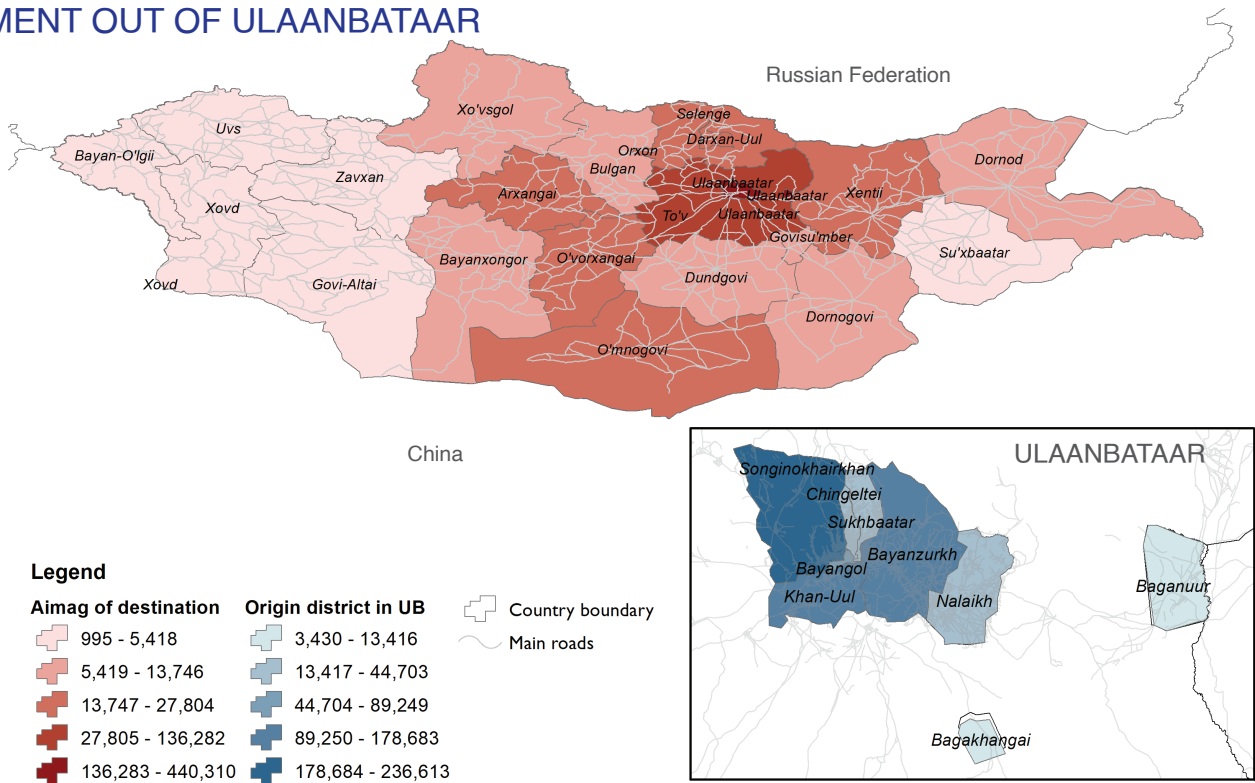
**DEMOGRAPHICS**

XX% - Overall  
 XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	1,268	3,144	12,668	26,813	60,742	18,035	128,227	33,980	136,926	18,442	440,245
Arkhangai	98	12	49	3,903	4,923	1,607	2,413	122	7,730	1,401	22,258
Bayankhongor	50	3	34	1,437	2,263	701	1,080	89	3,917	764	10,338
Bayan-Ulgii	6	-	-	134	241	47	50	10	421	112	1,021
Bulgan	123	18	34	3,029	4,124	1,240	2,223	59	4,943	1,021	16,814
Darkhan-Uul	98	31	89	4,625	5,685	1,554	3,329	263	11,487	1,794	28,955
Dornod	23	5	-	763	3,367	508	750	25	883	630	6,954
Dornogobi	45	14	12	1,832	4,107	499	1,200	23	1,465	790	9,987
Dundgobi	40	3	5	1,952	4,371	735	2,366	8	2,450	934	12,864
Gobi-Altai	23	11	31	625	1,094	305	405	19	1,808	320	4,641
Gobisumber	25	5	12	1,294	4,187	403	813	17	817	652	8,225
Khentii	25	6	17	1,726	9,366	1,027	1,518	25	1,651	1,313	16,674
Khovd	5	-	12	504	905	251	539	40	1,756	138	4,150
Khuvsgul	37	25	65	2,156	2,855	717	1,411	58	3,925	796	12,045
Orkhon	84	-	62	3,651	4,433	1,008	2,782	160	5,969	1,408	19,557
Selenge	98	26	111	6,375	6,723	2,014	3,378	277	7,932	2,137	29,071
Sukhbaatar	28	4	15	558	3,172	259	410	29	504	407	5,386
Tuv	575	107	300	22,581	29,909	10,167	24,485	510	43,625	10,374	142,633
Umnugobi	84	5	33	2,345	4,168	800	4,051	60	4,124	974	16,644
Uvurkhangai	118	41	67	4,003	5,224	1,675	3,355	152	9,339	1,408	25,382
Zavkhan	42	10	8	1,278	2,089	455	914	45	2,371	598	7,810
Uvs	17	5	18	617	1,261	289	506	87	2,013	277	5,090
?	24	4	4	210	379	55	208	62	312	122	1,380
<b>TOTAL</b>	<b>2,936</b>	<b>3,479</b>	<b>13,646</b>	<b>92,411</b>	<b>165,588</b>	<b>44,351</b>	<b>186,413</b>	<b>36,120</b>	<b>256,368</b>	<b>46,812</b>	<b>848,124</b>

**MOVEMENT OUT OF ULAANBATAAR**



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**DEMOGRAPHICS**

XX% - Overall  
 XX% - Past 24 hrs



52%  
56%



30%  
29%



10%  
8%



8%  
7%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	216	4	3,453	36	2,575	1,200	1,721	74	6,201	1,107	16,587
Bayankhongor	81	3	1,276	63	1,049	501	866	58	3,448	506	7,851
Bayan-Ulgii	-	-	240	-	193	32	55	-	416	59	995
Bulgan	123	1	2,987	23	2,407	1,063	1,628	25	4,701	788	13,746
Darkhan-Uul	73	11	4,626	63	3,861	1,360	2,803	198	13,293	1,516	27,804
Dornod	27	8	3,725	2	639	528	706	10	744	464	6,853
Dornogobi	49	5	5,026	31	1,955	754	1,463	4	1,594	700	11,581
Dundgobi	47	7	4,089	39	1,594	726	2,263	27	2,489	926	12,207
Gobi-Altai	25	9	681	18	273	191	286	24	1,706	174	3,387
Gobisumber	20	-	3,684	13	970	418	684	17	802	484	7,092
Khentii	60	8	9,140	10	1,510	889	1,191	10	1,455	1,131	15,404
Khovd	11	-	689	7	365	117	344	38	1,318	150	3,039
Khuvsgul	43	3	1,647	11	1,068	412	914	27	3,446	465	8,036
Orkhon	84	9	3,455	82	3,186	1,020	2,437	119	6,634	1,080	18,106
Selenge	58	12	5,588	117	5,579	1,728	3,115	327	8,178	1,773	26,475
Sukhbaatar	17	1	3,186	2	378	306	455	11	578	484	5,418
Tuv	740	73	27,986	262	20,694	9,477	23,312	509	43,332	9,897	136,282
Umnugobi	54	15	5,087	69	2,649	1,092	4,465	73	4,857	1,531	19,892
Uvs	23	7	583	18	249	183	278	27	1,083	147	2,598
Uvurkhangai	143	21	3,497	44	2,749	964	2,293	54	7,435	1,093	18,293
Zavkhan	43	5	1,040	12	637	272	532	49	1,854	256	4,700
?	66	1	232	16	132	98	132	70	460	57	1,264
<b>TOTAL</b>	<b>2,003</b>	<b>203</b>	<b>91,917</b>	<b>938</b>	<b>54,712</b>	<b>23,331</b>	<b>51,943</b>	<b>1,751</b>	<b>116,024</b>	<b>24,788</b>	<b>367,610</b>