

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

**1,184,047**

cumulative movements tracked by DTM flow monitoring points (FMP)

**30,258** ↓

Movements tracked in the past 24 hrs

**10,196 (R)**  
**42,656 (N)**

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

### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



**51%**  
**55%**

MEN



**31%**  
**31%**

WOMEN



**10%**  
**8%**

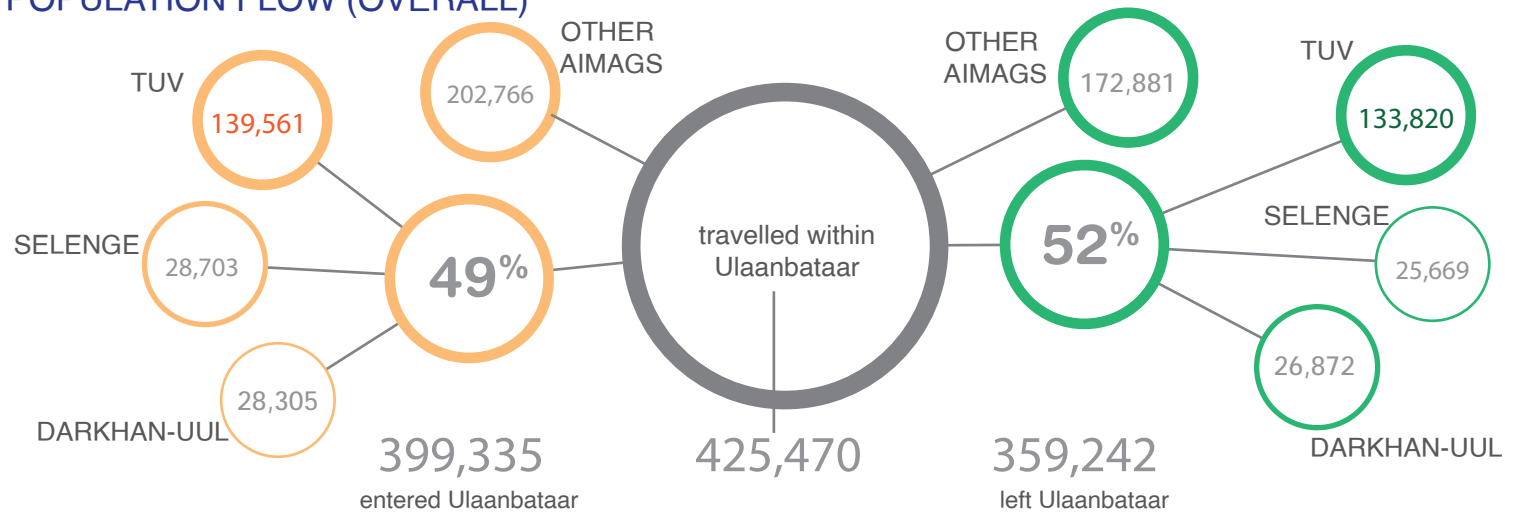
BOYS



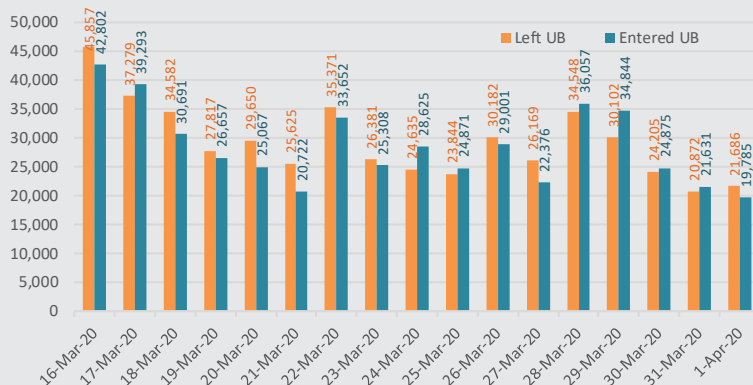
**8%**  
**6%**

GIRLS

### POPULATION FLOW (OVERALL)



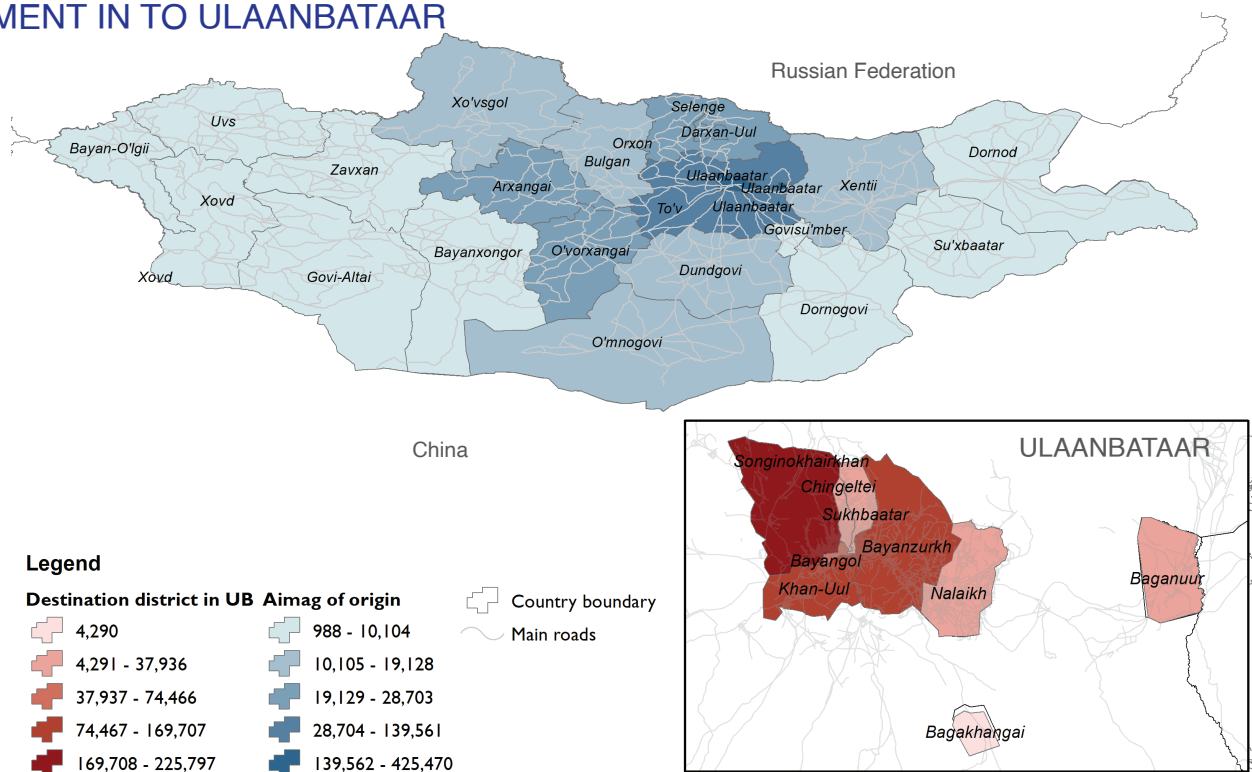
### MOVEMENT TRENDS



### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			1-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	279,378	135,498	143,880	4,486	1,823	2,663
Baruunturuun	177,040	88,575	88,465	5,340	2,836	2,504
Nalaikh	336,342	169,745	166,597	6,571	3,198	3,373
Morin	248,244	124,306	123,938	11,591	5,806	5,785
Ulziit	410,883	226,976	183,907	9,252	4,114	5,138
Gunt	157,472	79,660	77,812	4,231	2,008	2,223
<b>Total</b>	<b>1,609,359</b>	<b>824,760</b>	<b>784,599</b>	<b>41,471</b>	<b>19,785</b>	<b>21,686</b>

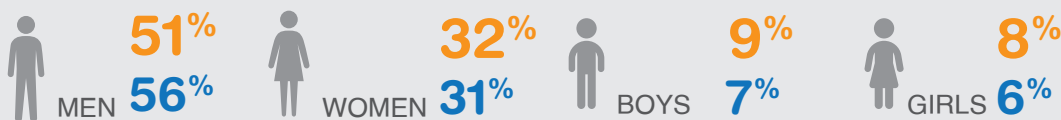
### MOVEMENT IN TO ULAANBATAAR



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

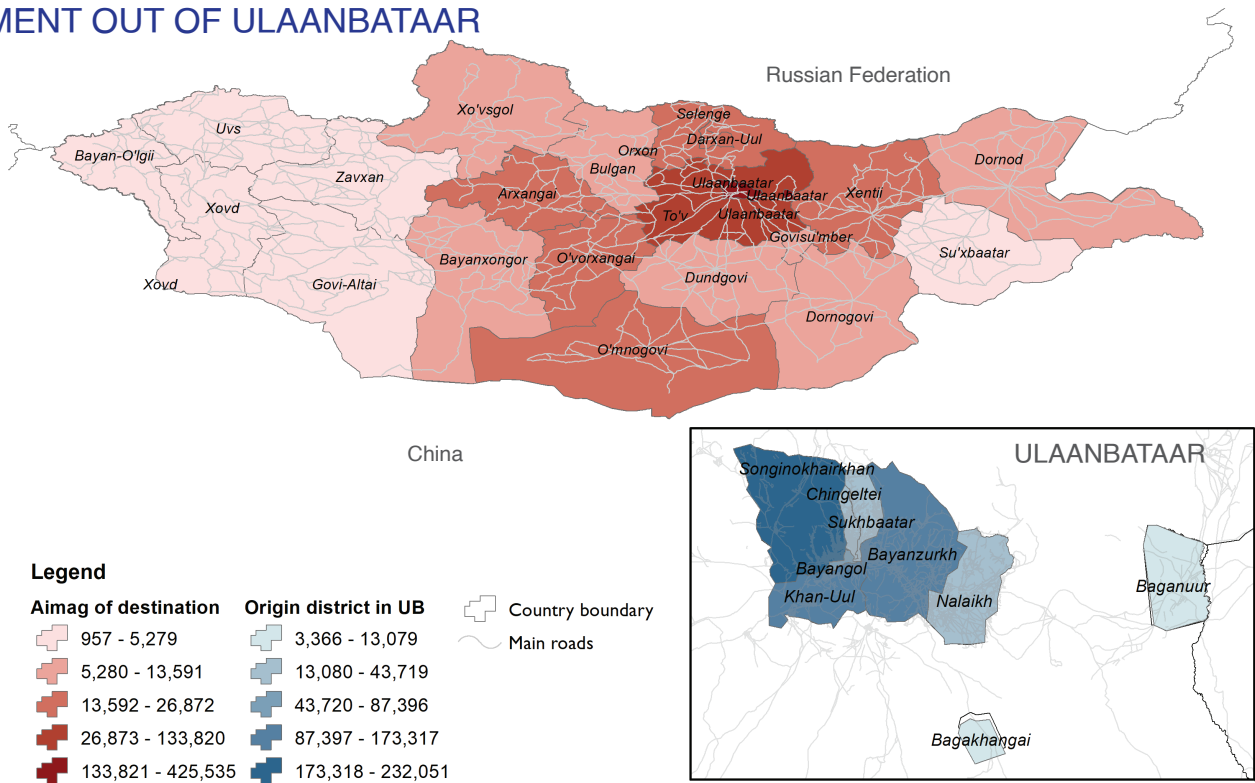
### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	1,219	3,080	12,360	25,949	57,391	17,442	123,939	31,913	134,353	17,824	425,470
Arkhangai	98	12	49	3,873	4,858	1,575	2,369	122	7,545	1,378	21,879
Bayankhongor	50	3	34	1,408	2,217	694	1,064	89	3,788	757	10,104
Bayan-Ulgii	6	-	-	134	239	47	50	10	390	112	988
Bulgan	121	18	34	3,010	4,090	1,221	2,197	59	4,879	1,006	16,635
Darkhan-Uul	98	27	89	4,550	5,586	1,527	3,260	262	11,127	1,779	28,305
Dornod	23	5	-	741	3,227	508	729	25	862	608	6,728
Dornogobi	42	14	5	1,784	3,918	481	1,155	23	1,405	761	9,588
Dundgobi	40	3	5	1,912	4,216	729	2,307	8	2,400	895	12,515
Gobi-Altai	23	11	31	620	1,085	304	405	19	1,803	320	4,621
Gobisumber	25	5	12	1,237	4,091	375	795	17	803	641	8,001
Khentii	25	6	17	1,659	9,107	988	1,482	25	1,599	1,271	16,179
Khovd	5	-	12	504	900	251	535	40	1,724	138	4,109
Khuvsgul	37	25	65	2,128	2,811	713	1,404	55	3,911	785	11,934
Orkhon	84	-	55	3,581	4,356	991	2,729	156	5,780	1,396	19,128
Selenge	98	26	103	6,292	6,632	2,008	3,338	272	7,817	2,117	28,703
Sukhbaatar	28	4	15	555	3,087	254	406	29	499	407	5,284
Tuv	568	107	293	22,179	29,217	9,952	23,834	496	42,679	10,236	139,561
Umnugobi	84	5	33	2,264	4,004	764	3,800	60	3,947	959	15,920
Uvurkhangai	118	41	67	3,953	5,198	1,655	3,335	152	9,101	1,394	25,014
Zavkhan	42	10	8	1,278	2,072	445	904	45	2,343	591	7,738
Uvs	17	5	18	613	1,246	289	503	87	1,992	271	5,041
?	24	4	4	208	373	55	199	59	312	122	1,360
<b>TOTAL</b>	<b>2,875</b>	<b>3,411</b>	<b>13,309</b>	<b>90,432</b>	<b>159,921</b>	<b>43,268</b>	<b>180,739</b>	<b>34,023</b>	<b>251,059</b>	<b>45,768</b>	<b>824,805</b>

**MOVEMENT OUT OF ULAANBATAAR**



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**DEMOGRAPHICS**

XX% - Overall  
 XX% - Past 24 hrs



52%  
 52%



30%  
 31%



10%  
 10%



9%  
 7%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	216	4	3,436	36	2,546	1,196	1,716	74	6,111	1,105	16,440
Bayankhongor	81	3	1,272	63	1,045	500	862	58	3,394	498	7,776
Bayan-Ulgii	-	-	239	-	188	32	55	-	385	58	957
Bulgan	123	1	2,957	23	2,366	1,058	1,614	25	4,643	781	13,591
Darkhan-Uul	73	11	4,471	60	3,733	1,323	2,702	184	12,854	1,461	26,872
Dornod	27	8	3,588	2	627	522	687	10	733	451	6,655
Dornogobi	49	5	4,867	31	1,882	737	1,417	4	1,555	681	11,228
Dundgobi	47	7	3,860	39	1,511	697	2,172	27	2,382	884	11,626
Gobi-Altai	25	9	672	18	270	191	280	24	1,689	174	3,352
Gobisumber	20	-	3,621	13	957	417	677	13	800	478	6,996
Khentii	50	8	8,926	10	1,465	861	1,154	10	1,399	1,107	14,990
Khovd	11	-	672	7	353	109	330	38	1,306	150	2,976
Khuvsgul	43	3	1,610	11	1,059	406	900	27	3,331	460	7,850
Orkhon	84	9	3,333	75	3,058	946	2,328	113	6,437	1,060	17,443
Selenge	53	12	5,412	116	5,444	1,656	3,027	323	7,902	1,724	25,669
Sukhbaatar	17	1	3,133	2	373	300	445	11	519	478	5,279
Tuv	725	73	27,485	257	20,328	9,311	22,923	496	42,481	9,741	133,820
Umnugobi	54	15	4,899	61	2,514	1,055	4,293	70	4,665	1,459	19,085
Uvs	23	7	561	18	249	181	278	27	1,081	147	2,572
Uvurkhangai	143	21	3,474	44	2,742	936	2,276	52	7,387	1,083	18,158
Zavkhan	43	5	1,027	12	631	265	523	49	1,842	256	4,653
?	66	1	229	16	132	95	130	70	458	57	1,254
<b>TOTAL</b>	<b>1,973</b>	<b>203</b>	<b>89,744</b>	<b>914</b>	<b>53,473</b>	<b>22,794</b>	<b>50,789</b>	<b>1,705</b>	<b>113,354</b>	<b>24,293</b>	<b>359,242</b>