

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 March 24<sup>th</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

**450,696**

cumulative movements tracked by DTM flow monitoring points (FMP)

**8,298** ↓

Movements tracked in the past 24 hrs

**303,640**

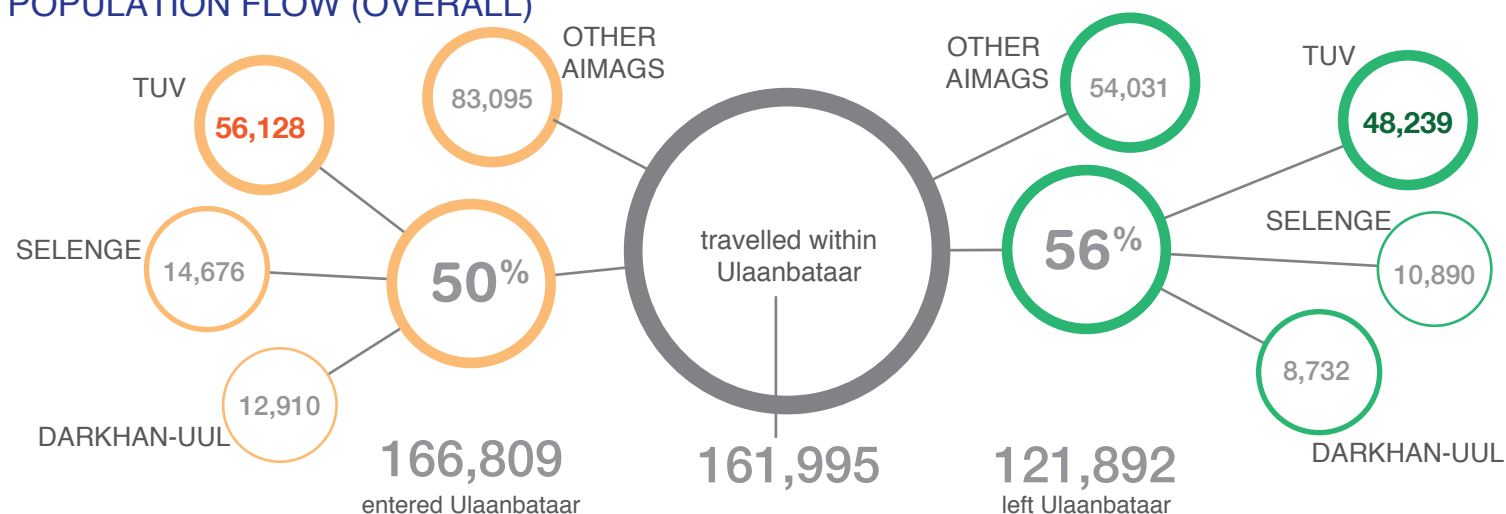
Tracked during removal of movement restrictions (3<sup>rd</sup> - 9<sup>th</sup> March)

### DEMOGRAPHICS

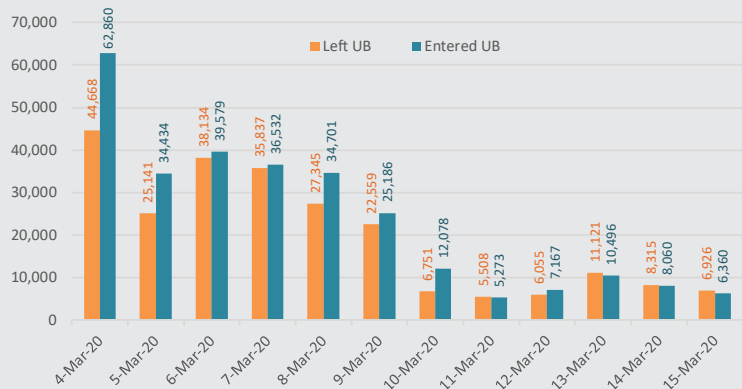
XX% - Overall  
XX% - Past 24 hrs



### POPULATION FLOW (OVERALL)



### MOVEMENT TRENDS



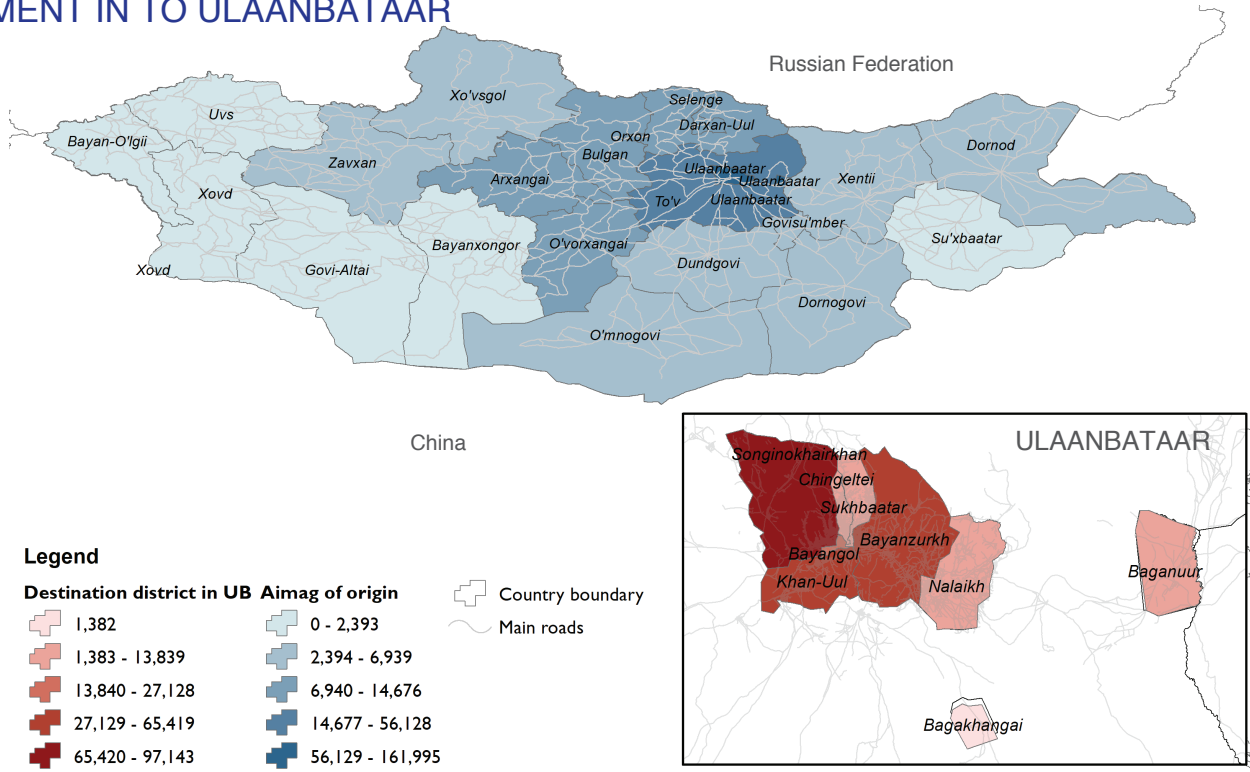
### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			15-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	166,796	106,129	60,667	1,722	858	864
Baruunturuun	128,742	64,480	64,262	2,047	779	1,268
Nalaikh	111,993	57,325	54,668	3,188	1,505	1,683
Morin	86,178	43,336	42,842	3,353	1,667	1,686
Ulziit	70,725	35,656	35,069	1,913	942	971
Gunt	59,833	31,562	28,271	1,063	609	454
<b>Total</b>	<b>624,267</b>	<b>338,488</b>	<b>285,779</b>	<b>13,286</b>	<b>6,360</b>	<b>6,926</b>

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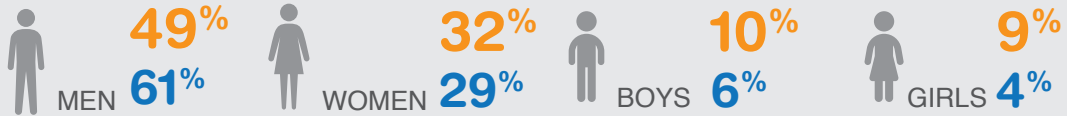
**MOVEMENT IN TO ULAANBATAAR**



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

**DEMOGRAPHICS**

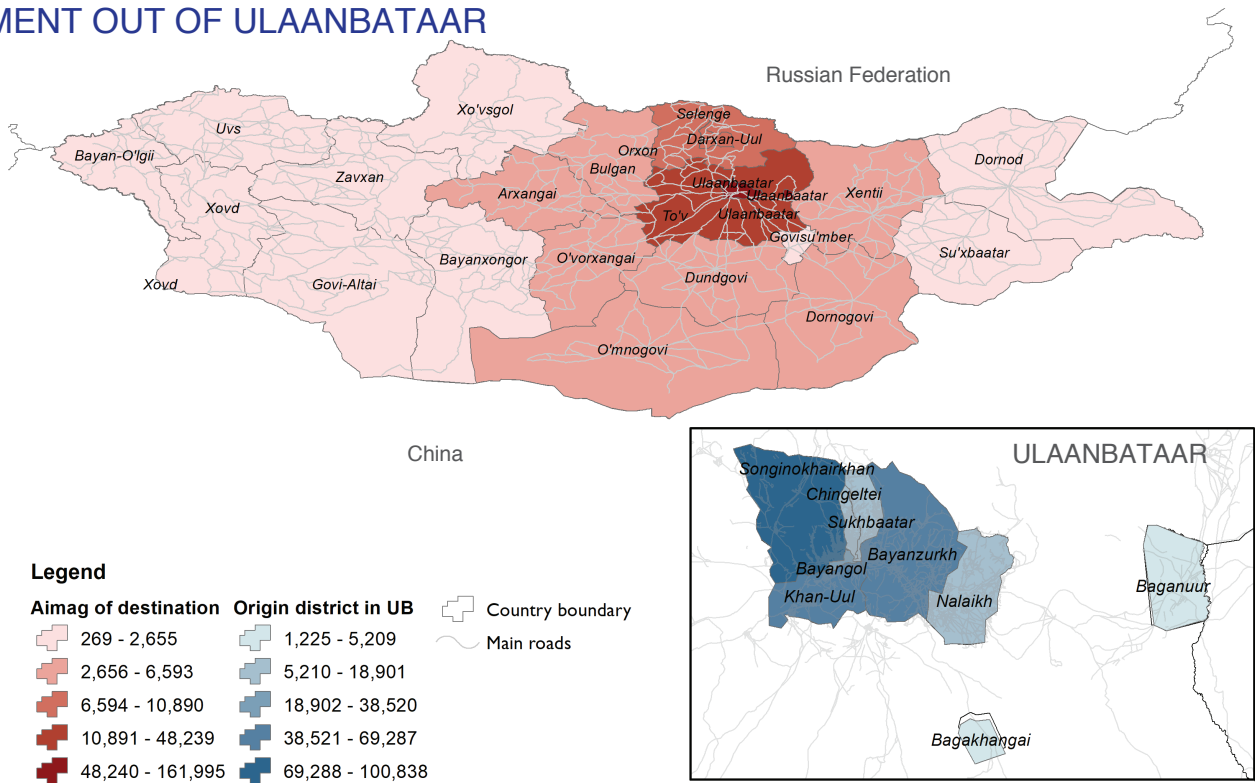
XX% - Overall  
 XX% - Past 24 hrs



UB district of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimag of origin											
Ulaanbaatar	443	1,083	4,680	10,733	19,117	6,565	46,779	9,131	56,815	6,649	161,995
Arkhangai	26	3	20	1,981	2,704	838	1,160	53	3,569	731	11,085
Bayankhongor	-	-	-	24	32	16	13	5	272	9	371
Bayan-Ulgii	4	-	-	46	94	20	21	6	126	53	370
Bulgan	45	18	19	1,599	2,055	594	1,089	41	2,237	541	8,238
Darkhan-Uul	28	13	44	2,292	2,921	824	1,552	133	4,182	921	12,910
Dornod	1	3	-	320	1,342	235	281	-	420	304	2,906
Dornogobi	14	6	3	676	1,572	179	375	13	530	343	3,711
Dundgobi	21	-	-	806	1,536	325	983	-	1,063	394	5,128
Gobi-Altai	4	4	19	323	600	138	208	3	637	158	2,094
Gobisumber	14	3	12	504	1,518	173	334	5	326	324	3,213
Khentii	7	3	11	756	3,855	449	522	8	636	692	6,939
Khovd	-	-	-	32	30	21	24	-	243	2	352
Khuvsgul	19	12	49	1,198	1,528	402	675	28	1,733	479	6,123
Orkhon	28	-	13	1,547	2,197	503	1,236	72	2,325	741	8,662
Selenge	61	8	63	3,158	3,534	1,136	1,687	149	3,716	1,164	14,676
Sukhbaatar	8	-	11	288	1,413	105	167	15	201	185	2,393
Tuv	167	56	165	9,018	11,938	4,304	8,787	269	17,262	4,162	56,128
Umnugobi	15	1	16	715	1,167	213	1,122	23	1,136	252	4,660
Uvurkhangai	57	5	48	2,136	2,668	845	1,822	85	4,023	692	12,381
Zavkhan	18	-	4	680	1,102	238	501	17	838	283	3,681
?	13	3	-	99	284	29	75	34	158	93	788
<b>TOTAL</b>	<b>993</b>	<b>1,221</b>	<b>5,177</b>	<b>38,931</b>	<b>63,207</b>	<b>18,152</b>	<b>69,413</b>	<b>10,090</b>	<b>102,448</b>	<b>19,172</b>	<b>328,804</b>

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**MOVEMENT OUT OF ULAANBATAAR**



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**DEMOGRAPHICS**

XX% - Overall  
 XX% - Past 24 hrs



51%  
 61%



29%  
 27%



11%  
 8%



9%  
 5%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimag of destination											
Arkhangai	89	-	857	5	603	351	381	25	1,765	229	4,305
Bayankhongor	55	-	347	41	297	106	239	5	707	103	1,900
Bayan-Ulgii	-	-	93	-	67	10	16	-	61	22	269
Bulgan	73	-	890	13	611	273	436	16	1,285	215	3,812
Darkhan-Uul	30	-	1,836	35	1,424	533	958	108	3,207	601	8,732
Dornod	5	-	1,232	-	235	203	289	4	316	212	2,496
Dornogobi	33	-	2,110	10	820	333	498	1	573	348	4,726
Dundgobi	7	-	1,145	5	461	236	726	19	812	279	3,690
Gobi-Altai	17	5	116	13	69	49	86	6	270	68	699
Gobisumber	8	-	1,375	13	359	154	230	-	308	208	2,655
Khentii	7	4	3,176	6	630	352	412	-	495	444	5,526
Khovd	5	-	164	-	57	25	104	23	201	36	615
Khuvsgul	13	-	400	3	288	115	225	-	635	142	1,821
Orkhon	33	6	1,446	38	985	433	851	54	2,302	445	6,593
Selenge	13	3	2,424	77	2,122	694	1,332	187	3,299	739	10,890
Sukhbaatar	3	-	996	2	128	82	159	-	133	197	1,700
Tuv	281	40	10,107	138	7,223	3,574	7,959	221	15,338	3,358	48,239
Umnugobi	16	6	1,596	32	812	361	1,356	31	1,669	463	6,342
Uvs	15	-	112	-	46	37	62	21	201	39	533
Uvurkhangai	79	-	1,046	14	707	291	617	18	1,648	331	4,751
Zavkhan	17	-	266	7	100	48	129	4	434	63	1,068
?	33	-	72	6	57	38	48	27	225	24	530
<b>TOTAL</b>	<b>832</b>	<b>64</b>	<b>31,806</b>	<b>458</b>	<b>18,101</b>	<b>8,298</b>	<b>17,113</b>	<b>770</b>	<b>35,884</b>	<b>8,566</b>	<b>121,892</b>

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