

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 400 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 zdud.

### NUMBERS AT A GLANCE

**2,175,385**

cumulative movements tracked by DTM flow monitoring points (FMP)

**68,297** ↑

Movements tracked in the past 24 hrs

**10,805 (R)**  
**43,992 (N)**

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

### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



MEN

**52%**

**51%**



WOMEN

**31%**

**32%**



BOYS

**9%**

**10%**

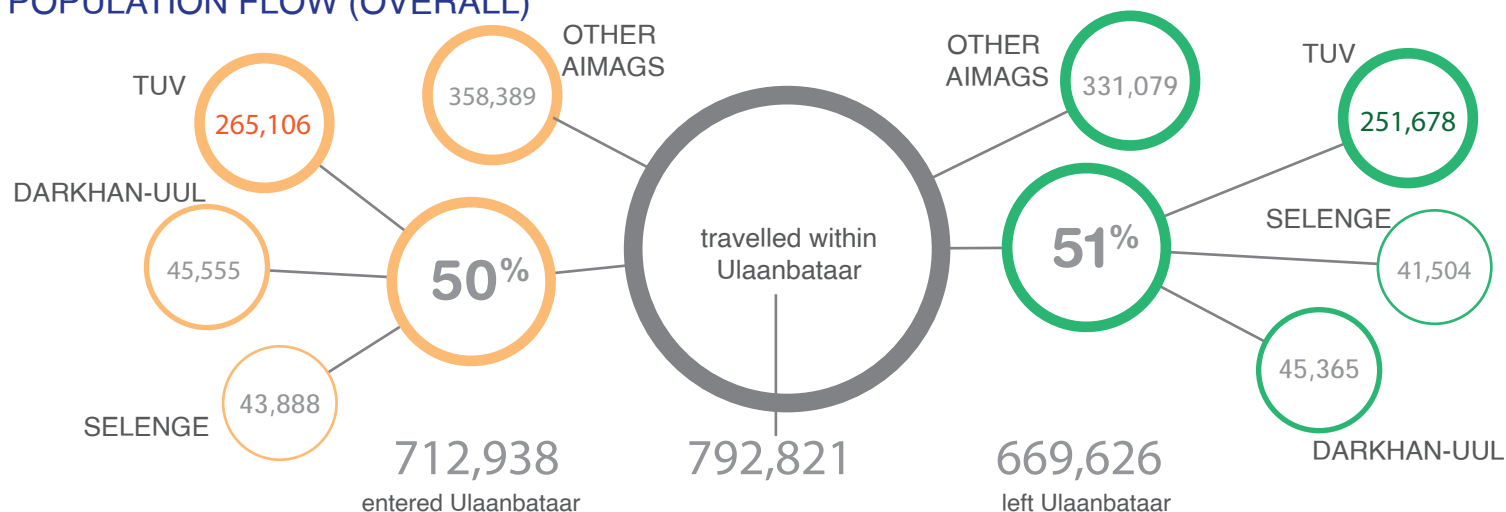


GIRLS

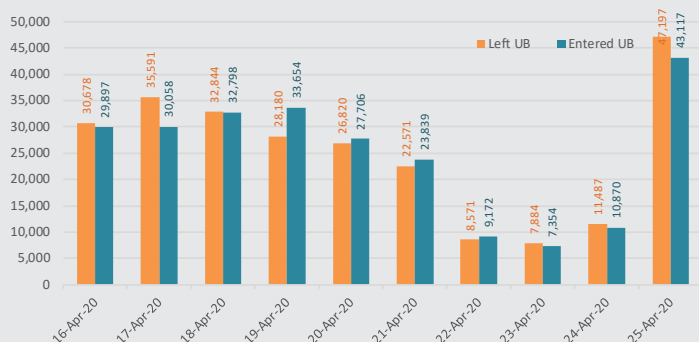
**8%**

**7%**

### POPULATION FLOW (OVERALL)



### MOVEMENT TRENDS

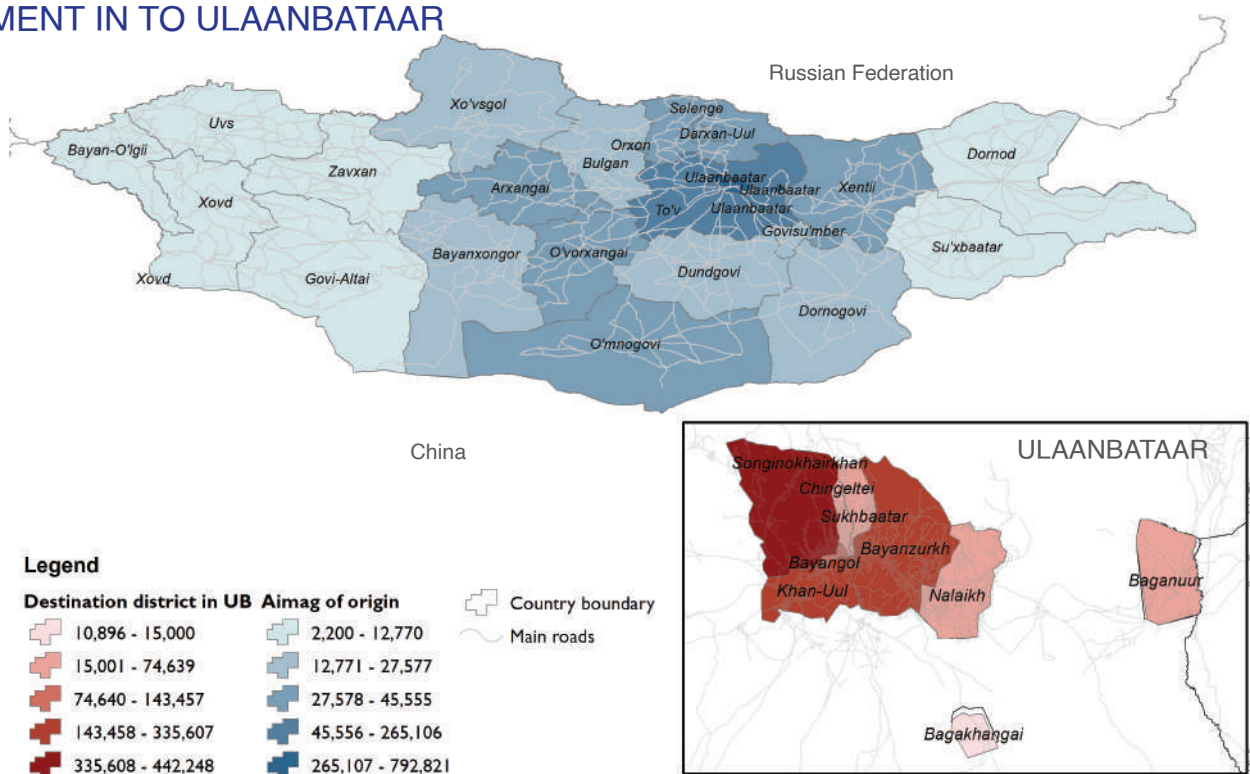


### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			25-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	400,930	190,793	210,137	7,186	3,738	3,448
Ulziit	324,903	168,713	156,190	7,404	3,372	4,032
Nalaikh	650,007	325,393	324,614	17,712	8,499	9,213
Morin	478,607	239,130	239,477	11,491	5,756	5,735
Emeelt	742,042	396,049	345,993	31,394	14,475	16,919
Gunt	370,657	185,235	185,422	15,127	7,277	7,850
<b>Total</b>	<b>2,967,146</b>	<b>1,505,313</b>	<b>1,461,833</b>	<b>90,314</b>	<b>43,117</b>	<b>47,197</b>



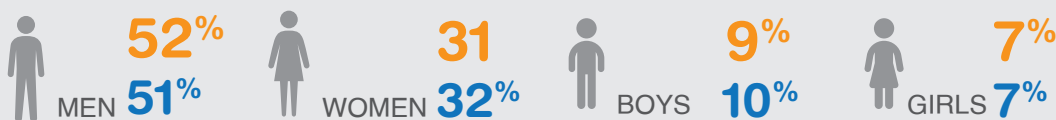
### MOVEMENT IN TO ULAANBATAAR



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

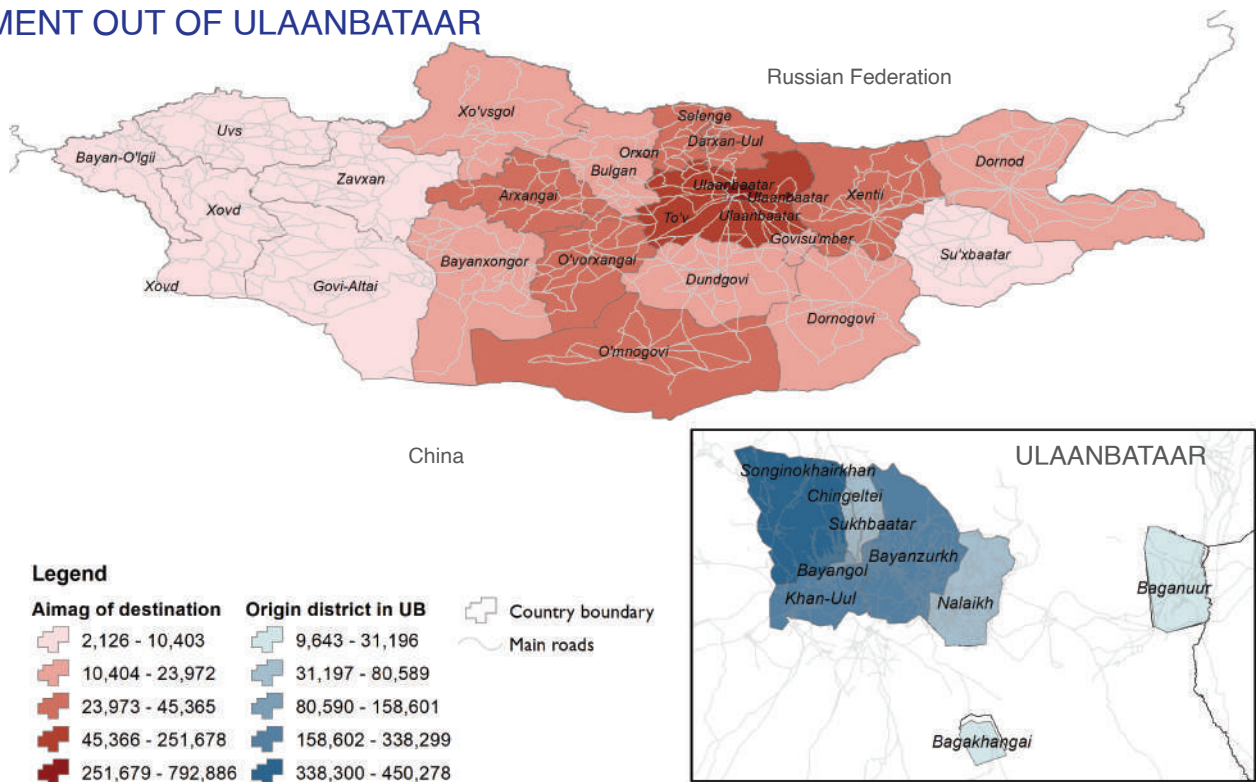
### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	3,772	8,923	29,040	48,335	98,544	34,109	234,167	58,570	245,352	32,009	792,821
Arkhangai	168	16	59	6,151	7,784	2,574	3,820	164	12,312	2,114	35,162
Bayankhongor	90	18	51	2,450	3,596	1,139	1,867	156	6,601	1,185	17,153
Bayan-Ulgii	23	-	1	307	516	87	118	23	930	195	2,200
Bulgan	197	22	46	4,998	6,581	2,002	3,389	109	8,568	1,665	27,577
Darkhan-Uul	255	40	118	7,073	8,715	2,368	5,010	331	18,843	2,802	45,555
Dornod	102	31	15	1,349	6,246	862	1,488	83	1,468	1,126	12,770
Dornogobi	299	35	63	3,742	8,426	1,130	2,649	259	2,782	1,577	20,962
Dundgobi	125	19	49	3,380	8,120	1,277	4,129	110	4,200	1,750	23,159
Gobi-Altai	41	19	36	948	1,712	446	736	29	3,195	450	7,612
Gobisumber	226	9	93	2,400	8,118	705	1,593	202	1,569	1,178	16,093
Khentii	173	33	33	2,994	17,993	1,716	2,884	319	2,971	2,480	31,596
Khovd	10	2	12	807	1,483	325	819	43	3,354	270	7,125
Khuvsgul	110	35	89	3,184	4,300	1,235	2,160	88	6,572	1,326	19,099
Orkhon	141	4	110	6,254	7,089	1,597	4,520	196	9,642	2,184	31,737
Selenge	156	34	168	10,037	10,039	2,983	5,341	363	11,587	3,180	43,888
Sukhbaatar	70	34	26	969	5,962	542	865	99	951	827	10,345
Tuv	1,508	220	831	40,466	56,840	18,233	46,681	5,504	75,475	19,348	265,106
Umnugobi	137	7	89	4,291	7,787	1,460	7,754	168	7,127	2,013	30,833
Uvurkhangai	200	58	111	6,246	8,540	2,382	5,313	225	15,719	2,261	41,055
Zavkhan	70	14	27	1,982	3,254	710	1,382	73	4,033	929	12,474
Uvs	32	5	21	933	1,923	461	850	91	3,318	422	8,056
?	69	12	44	441	922	135	549	239	699	271	3,381
<b>TOTAL</b>	<b>7,974</b>	<b>9,590</b>	<b>31,132</b>	<b>159,737</b>	<b>284,490</b>	<b>78,478</b>	<b>338,084</b>	<b>67,444</b>	<b>447,268</b>	<b>81,562</b>	<b>1,505,759</b>

### MOVEMENT OUT OF ULAANBATAAR



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### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	364	42	6,338	71	4,630	2,127	3,107	165	11,208	1,821	29,873
Bayankhongor	96	23	2,689	79	2,139	916	1,577	101	6,361	943	14,924
Bayan-Ulgii	2	-	555	-	368	93	139	12	819	138	2,126
Bulgan	243	1	5,329	47	4,042	1,759	2,913	64	8,103	1,471	23,972
Darkhan-Uul	145	18	7,388	123	6,086	2,224	4,418	265	22,178	2,520	45,365
Dornod	77	23	7,161	12	1,304	833	1,436	153	1,298	993	13,290
Dornogobi	197	13	9,416	144	3,861	1,371	2,959	193	2,937	1,547	22,638
Dundgobi	94	17	7,873	78	2,910	1,244	4,053	118	4,573	1,789	22,749
Gobi-Altai	31	9	1,240	47	586	312	643	65	3,266	322	6,521
Gobisumber	104	11	7,719	68	2,062	753	1,453	210	1,542	885	14,807
Khentii	155	35	17,470	32	2,844	1,502	2,406	279	2,519	2,150	29,392
Khovd	26	-	1,201	10	660	221	614	54	2,862	285	5,933
Khuvsgul	89	10	3,226	23	1,997	947	1,737	69	6,653	922	15,673
Orkhon	149	11	5,884	108	5,545	1,615	3,965	175	10,901	1,675	30,028
Selenge	92	19	8,736	182	9,222	2,699	4,791	436	12,542	2,785	41,504
Sukhbaatar	71	18	6,163	16	734	503	896	69	968	965	10,403
Tuv	1,348	160	54,772	818	37,262	17,090	43,145	5,162	73,643	18,278	251,678
Umnugobi	93	20	8,920	144	4,605	1,892	8,054	202	7,672	2,605	34,207
Uvs	33	7	1,183	25	632	335	606	39	2,563	311	5,734
Uvurkhangai	233	49	6,478	96	4,941	1,776	4,261	130	14,242	1,864	34,070
Zavkhan	70	15	2,303	22	1,404	528	1,077	99	4,089	558	10,165
?	243	13	892	68	414	198	991	489	1,026	240	4,574
<b>TOTAL</b>	<b>3,955</b>	<b>514</b>	<b>172,936</b>	<b>2,213</b>	<b>98,248</b>	<b>40,938</b>	<b>95,241</b>	<b>8,549</b>	<b>201,965</b>	<b>45,067</b>	<b>669,626</b>