

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 June 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

**2,888,726**

cumulative movements tracked by DTM flow monitoring points (FMP)

**37,635** ↑

Movements tracked in the past 24 hrs

**10,805 (R)**  
**42,746 (N)**

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

### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



MEN

**52%**

**54%**



WOMEN

**31%**

**31%**



BOYS

**9%**

**9%**

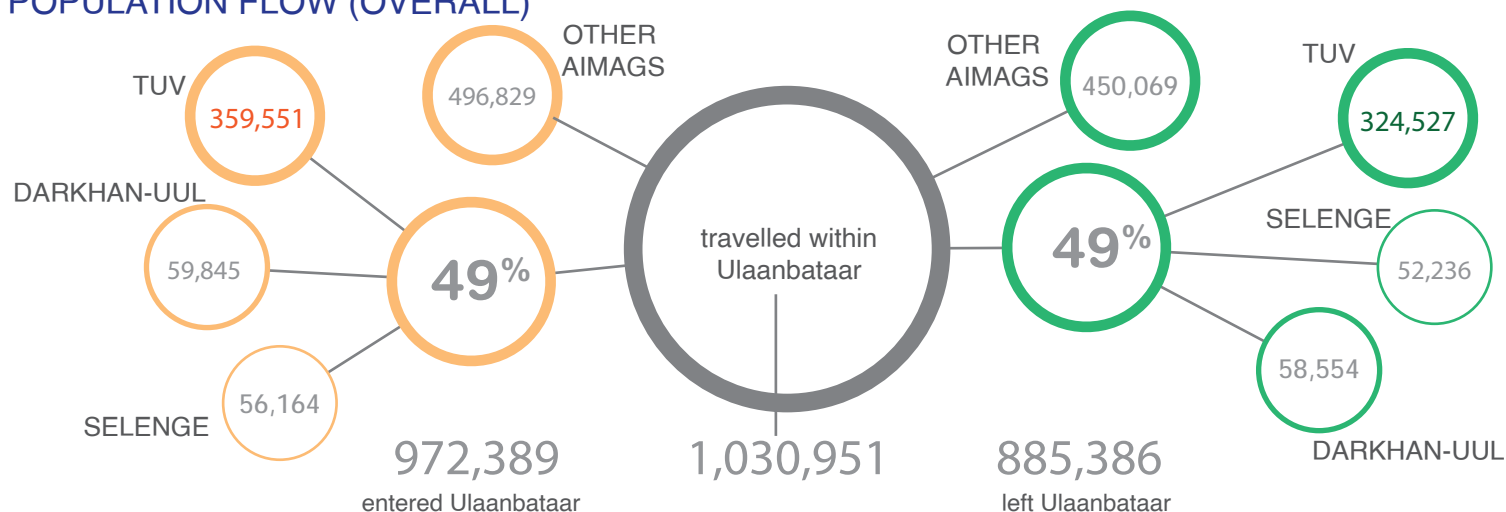


GIRLS

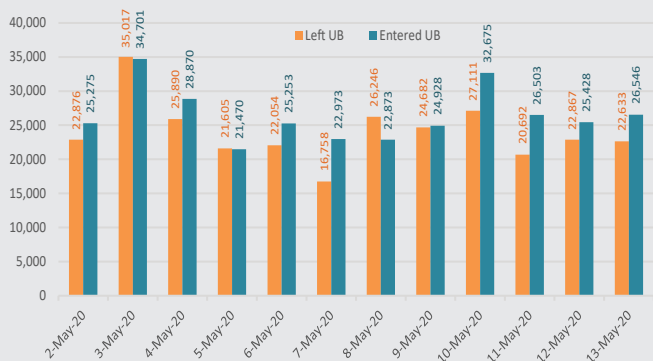
**7%**

**7%**

### POPULATION FLOW (OVERALL)



### MOVEMENT TRENDS

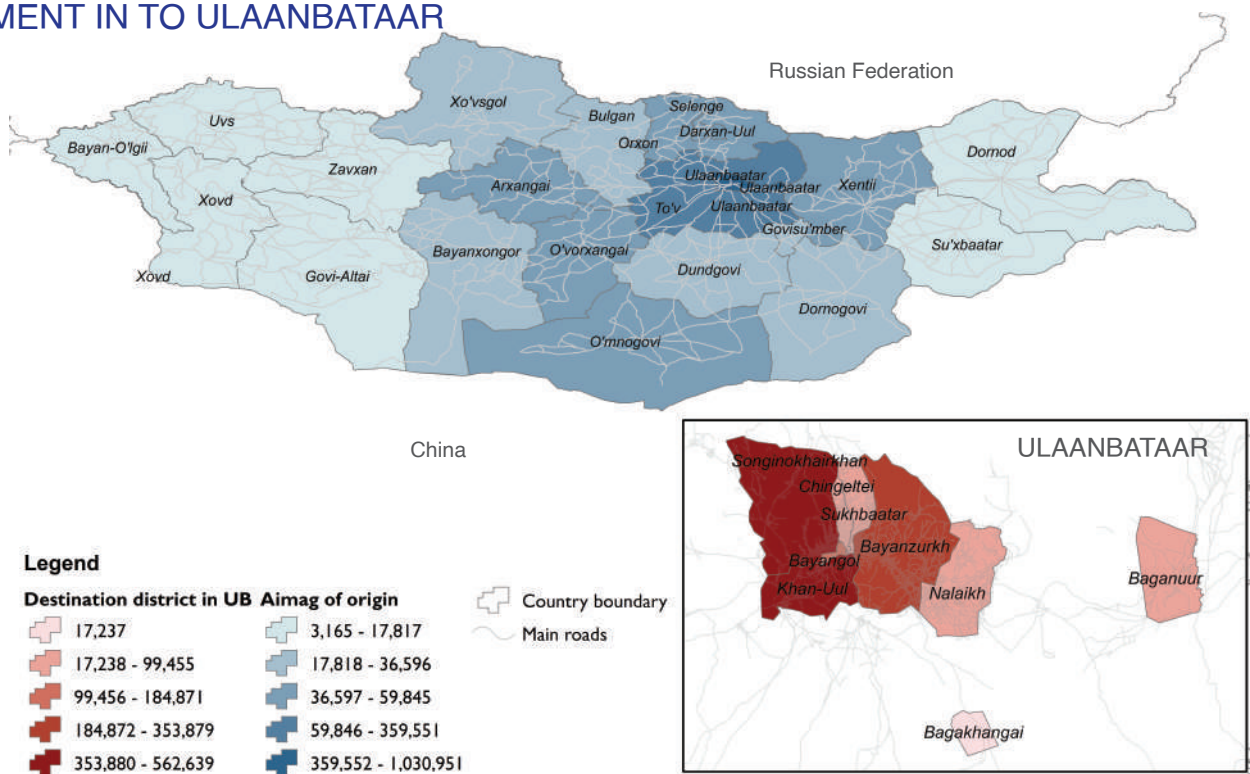


### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			13-May-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	417,426	220,057	197,369	6,126	3,691	2,435
Nalaikh	862,781	432,083	430,698	10,228	5,464	4,764
Morin	690,432	345,153	345,279	12,852	6,439	6,413
Emeelt	1,018,460	549,740	468,720	12,955	7,490	5,465
Gunt	527,501	264,541	262,960	7,018	3,462	3,556
<b>Total</b>	<b>3,918,617</b>	<b>2,002,894</b>	<b>1,915,723</b>	<b>49,179</b>	<b>26,546</b>	<b>22,633</b>



### MOVEMENT IN TO ULAANBATAAR



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

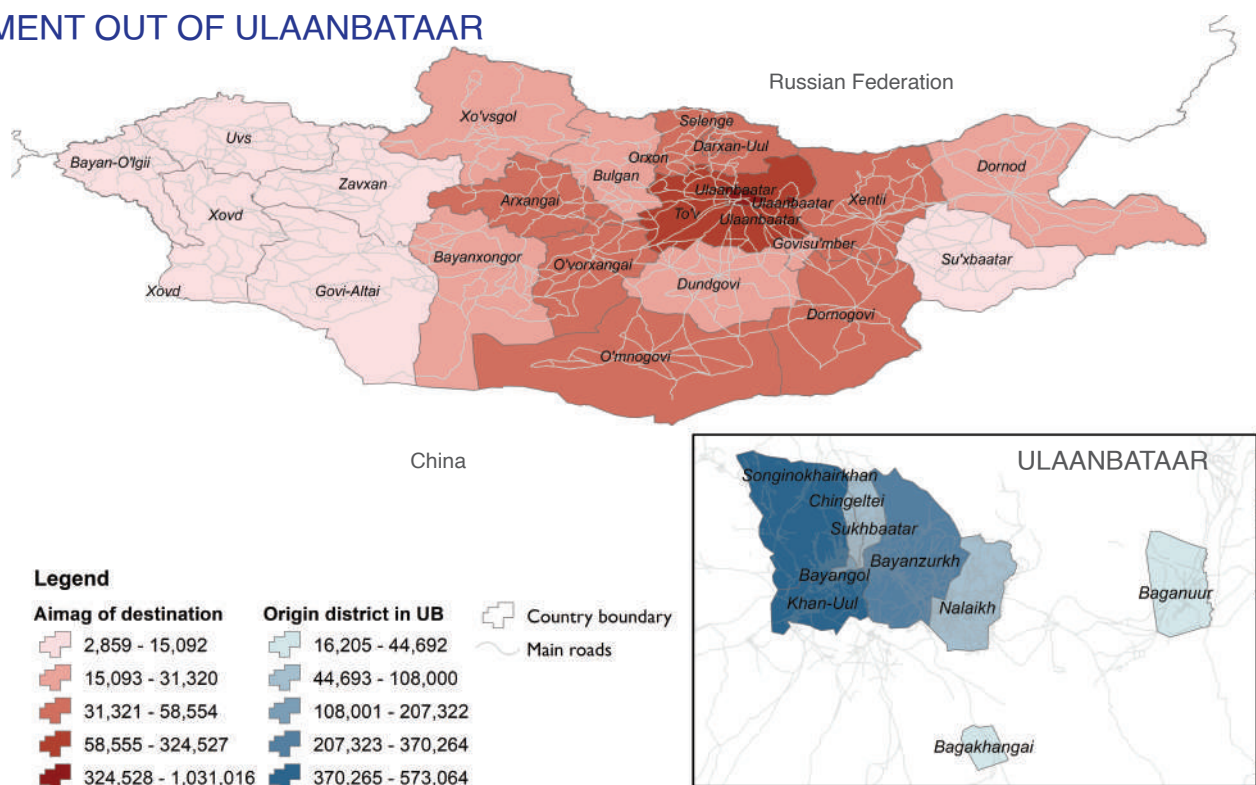
### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	5,861	15,199	41,156	60,645	122,507	49,391	331,120	62,560	301,449	41,063	1,030,951
Arkhangai	216	34	68	8,112	10,294	3,466	5,043	226	17,254	2,776	47,489
Bayankhongor	124	25	66	3,075	4,674	1,514	2,436	186	9,270	1,606	22,976
Bayan-Ulgii	23	5	1	406	741	122	160	48	1,412	247	3,165
Bulgan	233	27	73	6,436	8,560	2,612	4,622	124	11,660	2,249	36,596
Darkhan-Uul	308	61	160	9,029	11,132	3,010	6,588	367	25,509	3,681	59,845
Dornod	136	37	16	1,790	9,066	1,157	2,024	139	1,932	1,520	17,817
Dornogobi	403	53	134	6,041	13,755	1,842	4,257	547	4,240	2,748	34,020
Dundgobi	222	22	102	4,636	11,380	1,815	5,933	211	5,811	2,415	32,547
Gobi-Altai	51	30	39	1,179	2,154	577	981	51	4,560	596	10,218
Gobisumber	332	25	161	3,477	12,522	1,007	2,369	492	2,219	1,659	24,263
Khentii	305	54	46	4,167	25,801	2,398	4,015	538	4,032	3,283	44,639
Khovd	14	2	12	1,033	1,821	428	1,064	53	4,937	389	9,753
Khuvsgul	124	35	107	3,981	5,671	1,674	2,813	169	9,873	1,749	26,196
Orkhon	212	5	140	8,334	9,270	2,063	5,955	249	13,255	2,772	42,255
Selenge	217	46	224	13,157	12,947	3,865	6,565	442	14,729	3,972	56,164
Sukhbaatar	109	44	48	1,380	8,430	783	1,312	191	1,269	1,125	14,691
Tuv	2,177	313	1,317	53,447	77,708	24,301	62,689	11,091	100,483	26,025	359,551
Umnugobi	210	11	166	5,931	11,061	2,051	10,841	278	9,315	2,760	42,624
Uvurkhangai	289	64	142	7,816	11,334	3,058	7,145	280	21,728	3,062	54,918
Zavkhan	75	50	29	2,453	4,197	957	1,757	87	5,722	1,158	16,485
Uvs	38	11	21	1,228	2,378	532	1,108	103	4,777	511	10,707
?	91	22	464	622	1,488	200	802	418	1,001	362	5,470
<b>TOTAL</b>	<b>11,770</b>	<b>16,175</b>	<b>44,692</b>	<b>208,375</b>	<b>378,891</b>	<b>108,823</b>	<b>471,599</b>	<b>78,850</b>	<b>576,437</b>	<b>107,728</b>	<b>2,003,340</b>

### MOVEMENT OUT OF ULAANBATAAR



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### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



52%  
52%



30%  
31%



10%  
10%



8%  
7%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	397	48	8,076	82	5,789	2,667	3,993	182	14,517	2,409	38,160
Bayankhongor	117	27	3,502	93	2,634	1,142	2,121	126	8,459	1,336	19,557
Bayan-Ulgii	2	-	707	-	469	141	170	24	1,179	167	2,859
Bulgan	301	1	6,678	56	5,072	2,147	3,634	70	10,329	1,852	30,140
Darkhan-Uul	213	35	9,453	147	7,662	2,851	5,730	380	28,494	3,589	58,554
Dornod	160	23	10,338	31	1,770	1,115	2,007	333	1,734	1,433	18,944
Dornogobi	397	23	15,049	239	6,239	2,201	4,850	459	4,189	2,489	36,135
Dundgobi	145	20	10,921	122	4,002	1,673	5,743	171	6,084	2,439	31,320
Gobi-Altai	31	9	1,651	47	824	456	856	85	4,338	485	8,782
Gobisumber	248	24	11,699	126	2,943	1,032	2,206	415	2,093	1,273	22,059
Khentii	325	60	25,836	78	3,942	2,099	3,571	624	3,446	3,048	43,029
Khovd	31	3	1,503	15	848	279	755	57	3,745	375	7,611
Khuvsgul	106	11	4,288	38	2,639	1,181	2,213	88	8,628	1,289	20,481
Orkhon	188	13	7,482	159	7,063	1,971	5,170	220	14,060	2,299	38,625
Selenge	152	29	11,038	243	11,713	3,521	5,938	500	15,490	3,612	52,236
Sukhbaatar	146	27	8,847	73	1,186	733	1,326	152	1,292	1,310	15,092
Tuv	1,820	235	72,096	1,330	46,564	22,108	55,852	9,708	91,382	23,432	324,527
Umnugobi	119	33	11,793	205	6,030	2,529	11,019	296	9,842	3,399	45,265
Uvs	58	8	1,760	25	963	418	901	52	3,568	515	8,268
Uvurkhangai	256	53	8,266	127	6,299	2,381	5,559	158	18,255	2,474	43,828
Zavkhan	70	17	3,189	29	1,886	786	1,496	108	5,537	739	13,857
?	329	33	1,359	103	582	279	1,190	579	1,224	379	6,057
<b>TOTAL</b>	<b>5,611</b>	<b>732</b>	<b>235,531</b>	<b>3,368</b>	<b>127,119</b>	<b>53,710</b>	<b>126,300</b>	<b>14,787</b>	<b>257,885</b>	<b>60,343</b>	<b>885,386</b>