

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

**2,083,518**

cumulative movements tracked by DTM flow monitoring points (FMP)

**11,889** ↓

Movements tracked in the past 24 hrs

**10,479 (R)**  
**43,439 (N)**

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

### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



MEN

**52%**

**60%**



WOMEN

**31%**

**29%**



BOYS

**9%**

**6%**

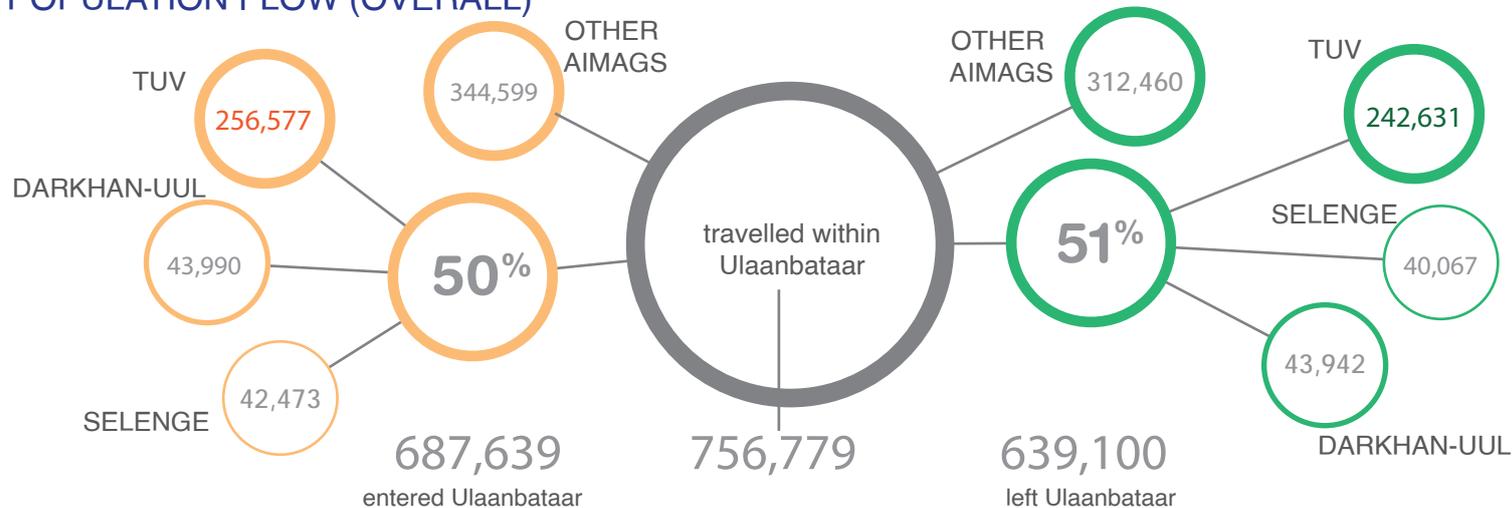


GIRLS

**8%**

**5%**

### POPULATION FLOW (OVERALL)



### MOVEMENT TRENDS

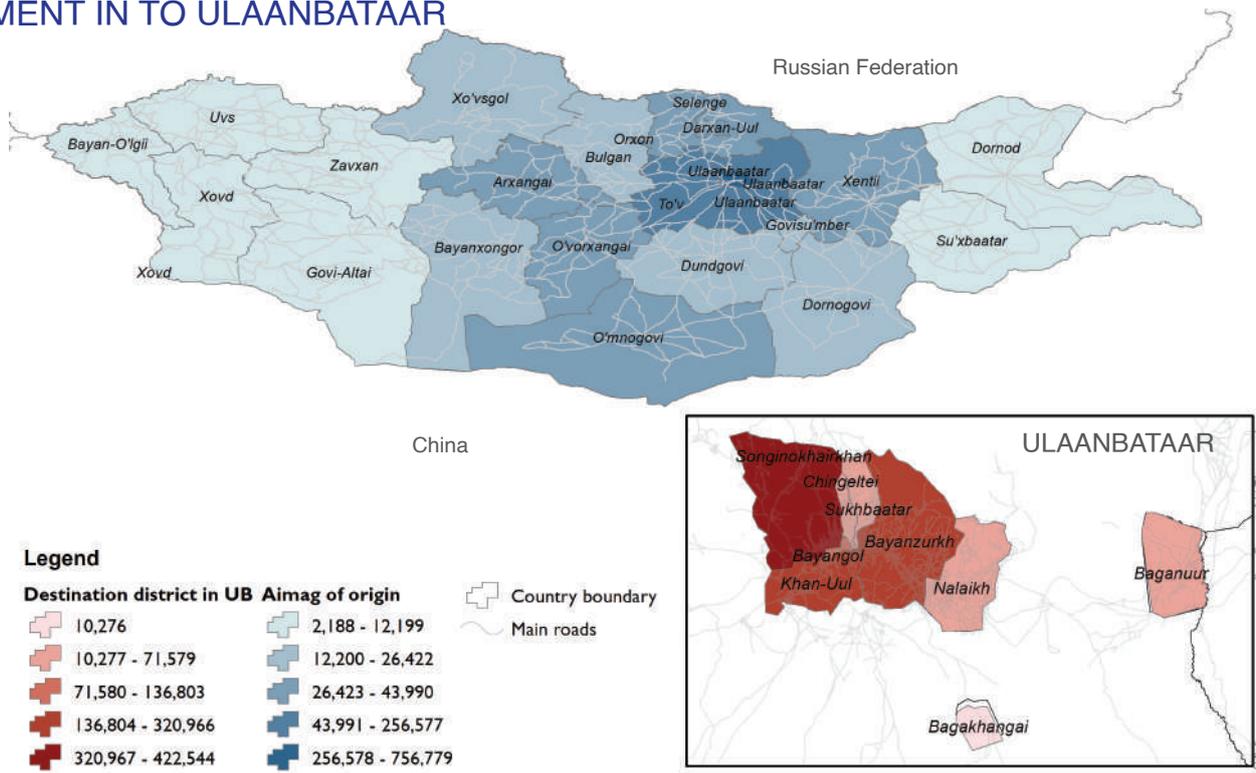


### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			22-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	390,420	185,359	205,061	1,657	814	843
Ulziit	315,216	164,118	151,098	4,102	2,180	1,922
Nalaikh	620,865	311,722	309,143	5,455	2,726	2,729
Morin	457,704	228,682	229,022	1,459	729	730
Emeelt	702,592	377,724	324,868	4,196	2,261	1,935
Gunt	352,440	176,367	176,073	874	462	412
<b>Total</b>	<b>2,839,237</b>	<b>1,443,972</b>	<b>1,395,265</b>	<b>17,743</b>	<b>9,172</b>	<b>8,571</b>



### MOVEMENT IN TO ULAANBATAAR



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

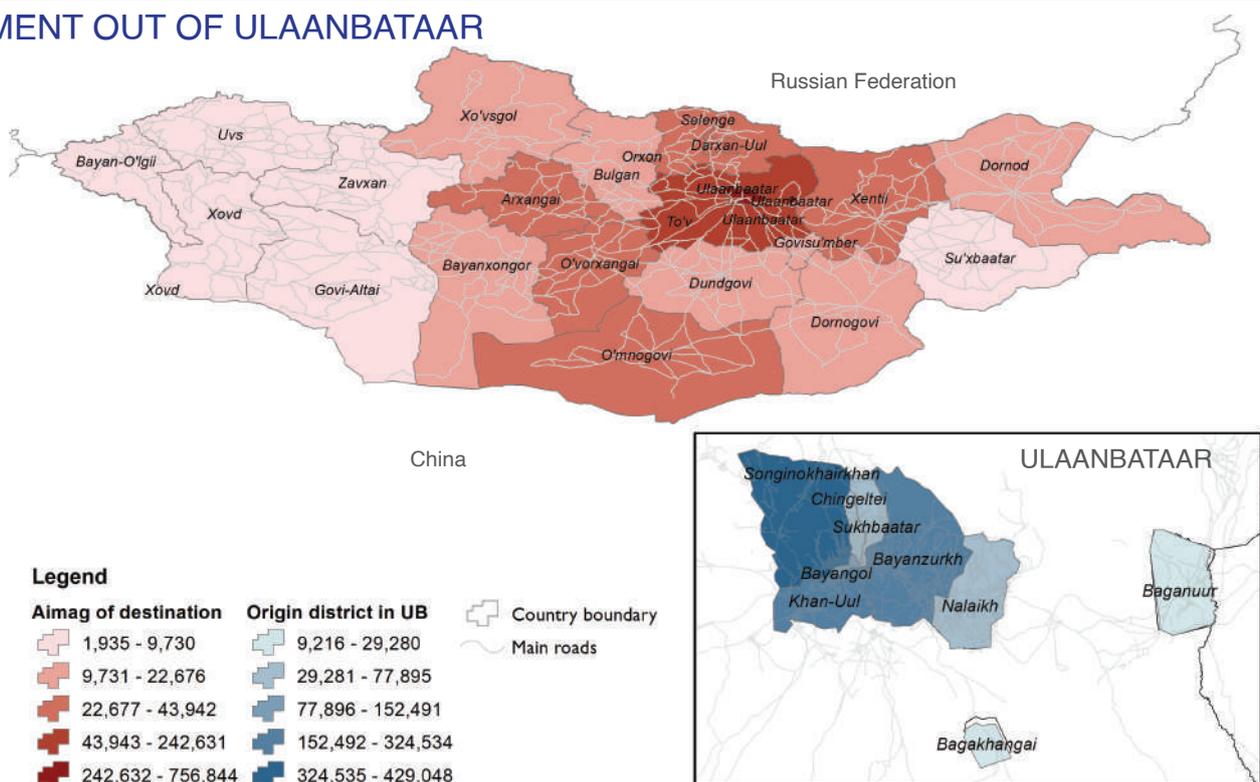
### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



of destination	?	Bagankhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	3,505	8,521	27,178	46,312	95,514	32,888	223,781	55,595	232,593	30,892	756,779
Arkhangai	164	16	59	5,944	7,494	2,444	3,734	156	11,736	2,079	33,826
Bayankhongor	87	18	51	2,400	3,472	1,114	1,773	150	6,351	1,138	16,554
Bayan-Ulgii	23	-	1	307	512	87	115	23	925	195	2,188
Bulgan	192	22	46	4,848	6,345	1,921	3,272	107	8,073	1,596	26,422
Darkhan-Uul	250	40	115	6,853	8,469	2,303	4,866	327	18,032	2,735	43,990
Dornod	97	31	15	1,293	5,948	837	1,398	75	1,389	1,084	12,167
Dornogobi	299	35	63	3,538	8,030	1,053	2,557	238	2,637	1,527	19,977
Dundgobi	123	19	49	3,265	7,699	1,209	3,976	88	4,048	1,678	22,154
Gobi-Altai	41	11	36	924	1,678	432	710	29	3,132	450	7,443
Gobisumber	226	9	85	2,236	7,664	691	1,533	182	1,525	1,111	15,262
Khentii	169	32	31	2,849	17,117	1,618	2,782	276	2,796	2,356	30,026
Khovd	10	-	12	795	1,458	318	805	43	3,324	257	7,022
Khuvsgul	98	35	85	3,096	4,160	1,179	2,085	88	6,422	1,293	18,541
Orkhon	141	4	110	5,944	6,793	1,513	4,382	190	9,241	2,085	30,403
Selenge	156	34	161	9,630	9,765	2,899	5,162	358	11,197	3,111	42,473
Sukhbaatar	64	34	26	941	5,701	512	818	97	909	804	9,906
Tuv	1,486	207	807	39,137	55,026	17,709	45,256	5,167	73,031	18,751	256,577
Umnugobi	137	7	86	4,098	7,542	1,402	7,547	147	6,912	1,950	29,828
Uvurkhangai	196	57	111	5,951	8,321	2,305	5,115	216	15,100	2,187	39,559
Zavkhan	70	14	23	1,928	3,213	691	1,356	71	3,921	912	12,199
Uvs	32	5	21	913	1,836	445	816	91	3,275	416	7,850
?	69	12	44	440	895	125	521	222	680	264	3,272
<b>TOTAL</b>	<b>7,635</b>	<b>9,163</b>	<b>29,215</b>	<b>153,642</b>	<b>274,652</b>	<b>75,695</b>	<b>324,360</b>	<b>63,936</b>	<b>427,249</b>	<b>78,871</b>	<b>1,444,418</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	336	42	5,970	63	4,352	2,030	2,926	165	10,538	1,728	28,150
Bayankhongor	91	21	2,520	79	1,989	897	1,490	91	5,999	866	14,043
Bayan-Ulgii	2	-	490	-	345	86	131	12	738	131	1,935
Bulgan	227	1	5,011	47	3,784	1,671	2,719	64	7,778	1,374	22,676
Darkhan-Uul	139	18	7,155	123	5,910	2,177	4,325	253	21,398	2,444	43,942
Dornod	77	8	6,660	12	1,229	767	1,362	140	1,234	912	12,401
Dornogobi	138	13	8,932	133	3,705	1,319	2,765	180	2,778	1,454	21,417
Dundgobi	93	17	7,447	76	2,753	1,181	3,903	113	4,331	1,716	21,630
Gobi-Altai	31	9	1,184	34	548	287	600	65	3,017	299	6,074
Gobisumber	84	6	7,424	68	1,936	720	1,384	180	1,447	860	14,109
Khentii	142	23	16,505	32	2,675	1,420	2,231	230	2,393	2,018	27,669
Khovd	24	-	1,140	10	621	218	593	54	2,702	269	5,631
Khuvsgul	80	10	3,006	23	1,903	891	1,662	63	6,208	860	14,706
Orkhon	136	11	5,661	104	5,323	1,557	3,812	175	10,481	1,635	28,895
Selenge	86	19	8,441	170	8,840	2,595	4,661	425	12,162	2,668	40,067
Sukhbaatar	66	15	5,831	16	682	465	819	63	912	861	9,730
Tuv	1,270	143	52,465	792	35,837	16,484	41,588	4,854	71,498	17,700	242,631
Umnugobi	93	20	8,379	139	4,355	1,807	7,700	187	7,350	2,452	32,482
Uvs	27	7	1,069	25	560	318	528	39	2,307	301	5,181
Uvurkhangai	221	49	6,130	93	4,687	1,660	4,006	112	13,406	1,798	32,162
Zavkhan	70	15	2,080	20	1,299	480	1,007	97	3,723	522	9,313
?	235	13	860	67	386	194	943	337	994	227	4,256
<b>TOTAL</b>	<b>3,668</b>	<b>460</b>	<b>164,360</b>	<b>2,126</b>	<b>93,719</b>	<b>39,224</b>	<b>91,155</b>	<b>7,899</b>	<b>193,394</b>	<b>43,095</b>	<b>639,100</b>