

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

**2,093,365**

cumulative movements tracked by DTM flow monitoring points (FMP)

**9,847** ↓

Movements tracked in the past 24 hrs

**10,388 (R)**  
**43,439 (N)**

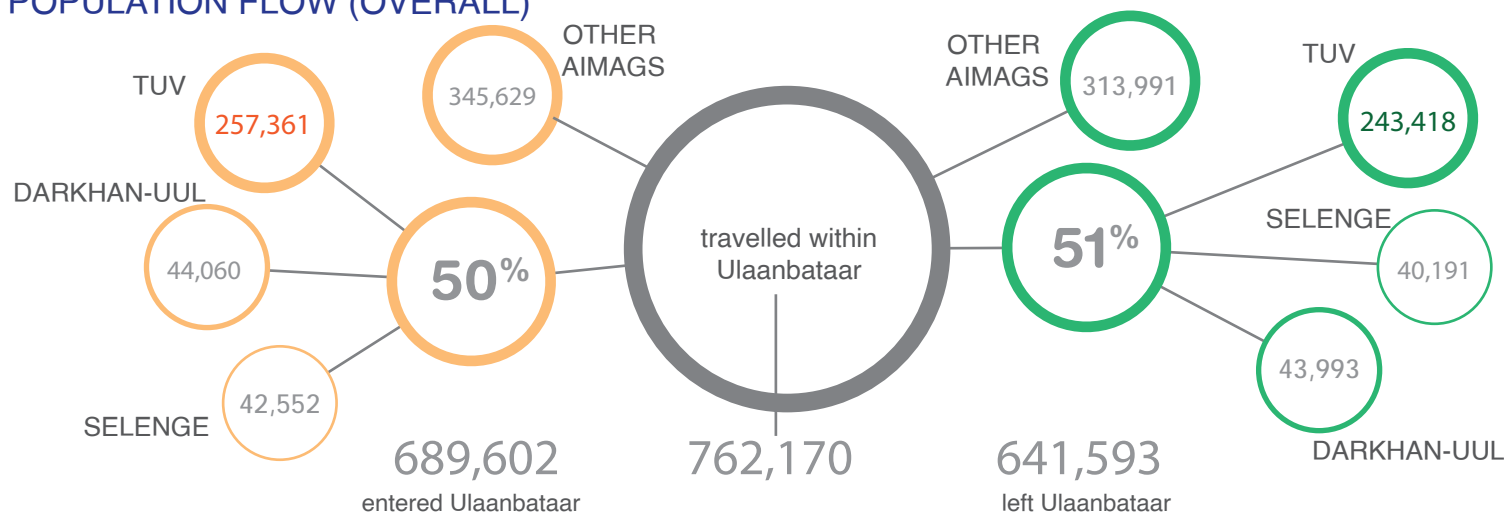
Average movement per day during restricted (R) and unrestricted (N) periods

### DEMOGRAPHICS

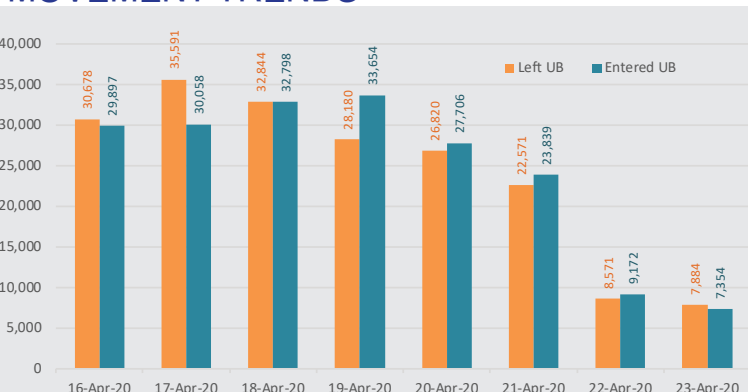
XX% - Overall  
XX% - Past 24 hrs



### POPULATION FLOW (OVERALL)



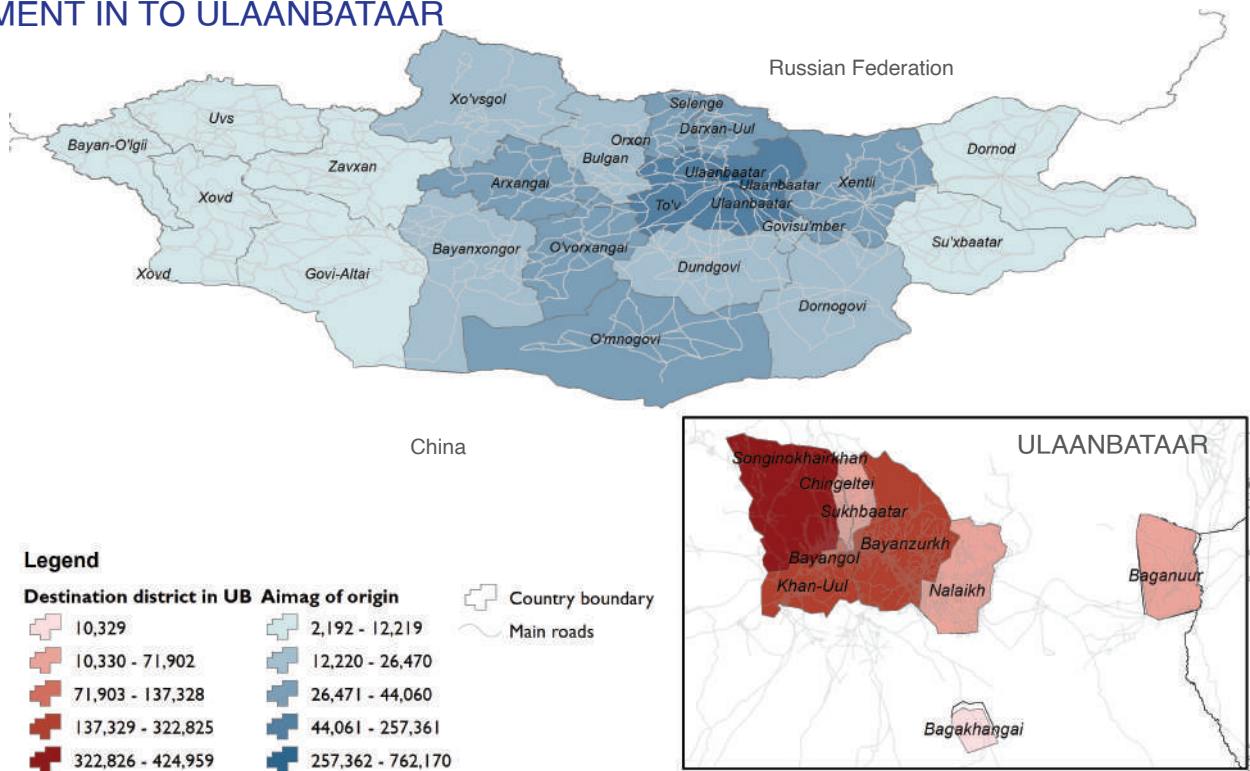
### MOVEMENT TRENDS



### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			23-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	391,585	185,913	205,672	1,165	554	611
Ulziit	316,362	164,718	151,644	1,146	600	546
Nalaikh	625,236	313,785	311,451	4,371	2,063	2,308
Morin	460,924	230,284	230,640	3,220	1,602	1,618
Emeelt	706,231	379,385	326,846	3,639	1,661	1,978
Gunt	354,137	177,241	176,896	1,697	874	823
<b>Total</b>	<b>2,854,475</b>	<b>1,451,326</b>	<b>1,403,149</b>	<b>15,238</b>	<b>7,354</b>	<b>7,884</b>

### MOVEMENT IN TO ULAANBATAAR



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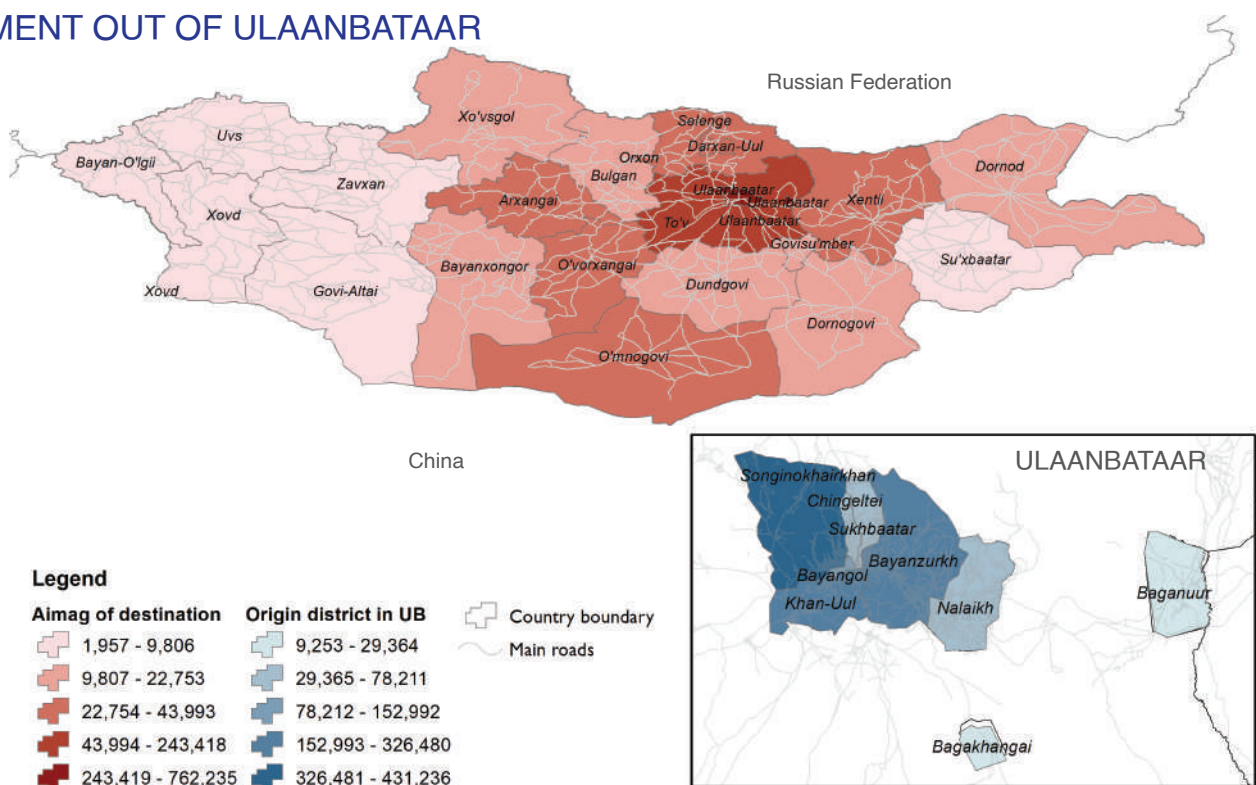
### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	3,546	8,550	27,257	46,546	95,883	33,031	225,413	56,631	234,283	31,030	762,170
Arkhangai	164	16	59	5,959	7,505	2,444	3,749	157	11,757	2,079	33,889
Bayankhongor	87	18	51	2,401	3,474	1,114	1,780	150	6,354	1,138	16,567
Bayan-Ulgii	23	-	1	307	516	87	115	23	925	195	2,192
Bulgan	192	22	46	4,856	6,347	1,921	3,275	107	8,108	1,596	26,470
Darkhan-Uul	250	40	115	6,865	8,484	2,306	4,891	327	18,038	2,744	44,060
Dornod	97	31	15	1,294	5,969	841	1,407	81	1,394	1,089	12,218
Dornogobi	299	35	63	3,552	8,098	1,061	2,586	238	2,654	1,536	20,122
Dundgobi	123	19	49	3,277	7,719	1,209	3,986	88	4,064	1,681	22,215
Gobi-Altai	41	11	36	933	1,681	432	710	29	3,144	450	7,467
Gobisumber	226	9	85	2,240	7,680	696	1,540	188	1,530	1,111	15,305
Khentii	169	32	33	2,865	17,144	1,624	2,797	287	2,812	2,367	30,130
Khovd	10	-	12	803	1,463	318	805	43	3,333	257	7,044
Khuvsgul	98	35	85	3,103	4,165	1,184	2,091	88	6,428	1,296	18,573
Orkhon	141	4	110	5,949	6,809	1,513	4,388	192	9,255	2,092	30,453
Selenge	156	34	163	9,660	9,776	2,905	5,172	363	11,212	3,111	42,552
Sukhbaatar	64	34	26	941	5,722	516	822	97	912	804	9,938
Tuv	1,486	215	808	39,246	55,231	17,761	45,342	5,193	73,218	18,861	257,361
Umnugobi	137	7	88	4,130	7,588	1,405	7,574	152	6,951	1,958	29,990
Uvurkhangai	196	57	111	5,969	8,332	2,311	5,127	216	15,146	2,199	39,664
Zavkhan	70	14	23	1,931	3,214	691	1,356	71	3,932	917	12,219
Uvs	32	5	21	916	1,849	447	822	91	3,285	416	7,884
?	69	12	44	440	895	127	534	222	682	264	3,289
<b>TOTAL</b>	<b>7,676</b>	<b>9,200</b>	<b>29,301</b>	<b>154,183</b>	<b>275,544</b>	<b>75,944</b>	<b>326,282</b>	<b>65,034</b>	<b>429,417</b>	<b>79,191</b>	<b>1,451,772</b>

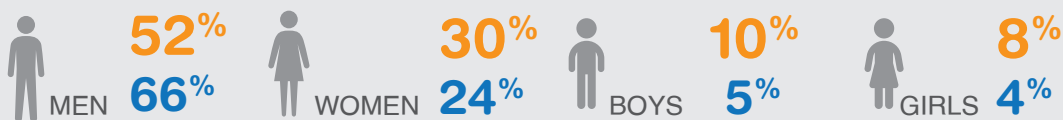
**MOVEMENT OUT OF ULAANBATAAR**



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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	5,993	63	4,361	2,039	2,927	165	10,589	1,741	28,256
Bayankhongor	91	21	2,547	79	2,008	897	1,499	92	6,026	866	14,126
Bayan-Ulgii	2	-	493	-	353	86	131	12	749	131	1,957
Bulgan	227	1	5,025	47	3,792	1,676	2,734	64	7,806	1,381	22,753
Darkhan-Uul	139	18	7,164	123	5,920	2,180	4,327	253	21,419	2,450	43,993
Dornod	77	8	6,697	12	1,241	773	1,369	140	1,242	915	12,474
Dornogobi	138	13	8,986	135	3,721	1,338	2,783	180	2,798	1,459	21,551
Dundgobi	93	17	7,466	76	2,769	1,183	3,912	113	4,353	1,721	21,703
Gobi-Altai	31	9	1,186	34	548	288	605	65	3,036	299	6,101
Gobisumber	89	6	7,441	68	1,940	732	1,386	188	1,447	863	14,160
Khentii	142	23	16,559	32	2,693	1,427	2,254	236	2,397	2,029	27,792
Khovd	24	-	1,140	10	623	218	593	54	2,717	269	5,648
Khuvsgul	80	10	3,028	23	1,906	898	1,673	69	6,237	860	14,784
Orkhon	138	11	5,675	104	5,332	1,559	3,817	175	10,500	1,638	28,949
Selenge	86	19	8,473	175	8,854	2,611	4,673	429	12,196	2,675	40,191
Sukhbaatar	66	15	5,869	16	695	465	831	63	918	868	9,806
Tuv	1,282	143	52,658	796	35,949	16,533	41,670	4,915	71,707	17,765	243,418
Umnugobi	93	20	8,418	139	4,376	1,814	7,756	191	7,366	2,481	32,654
Uvs	27	7	1,080	25	566	318	528	39	2,321	301	5,212
Uvurkhangai	221	49	6,148	93	4,705	1,665	4,028	112	13,445	1,804	32,270
Zavkhan	70	15	2,101	22	1,323	494	1,014	97	3,747	522	9,405
?	235	13	864	68	388	194	972	428	997	231	4,390
<b>TOTAL</b>	<b>3,687</b>	<b>460</b>	<b>165,011</b>	<b>2,140</b>	<b>94,063</b>	<b>39,388</b>	<b>91,482</b>	<b>8,080</b>	<b>194,013</b>	<b>43,269</b>	<b>641,593</b>