

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

**2,341,744**

cumulative movements tracked by DTM flow monitoring points (FMP)

**33,407** ↓

Movements tracked in the past 24 hrs

**10,805 (R)**  
**43,796 (N)**

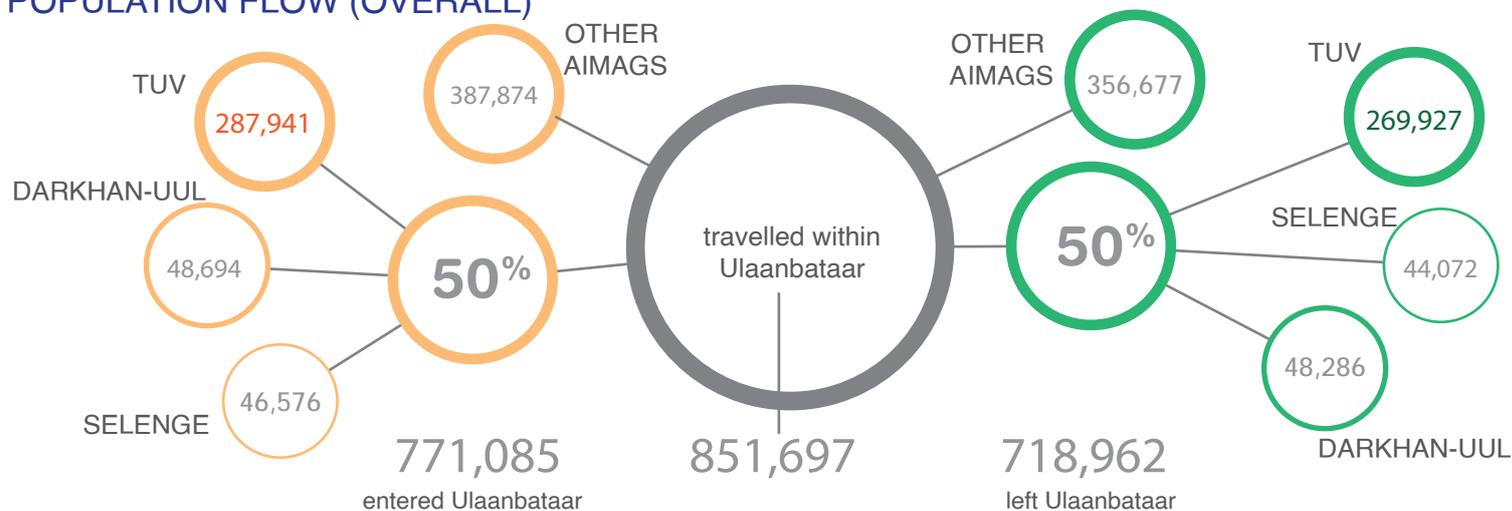
Average movement per day during restricted (R) and unrestricted (N) periods

### DEMOGRAPHICS

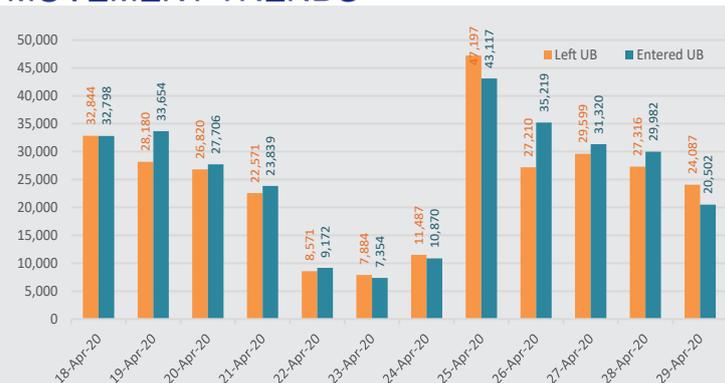
XX% - Overall  
XX% - Past 24 hrs



### POPULATION FLOW (OVERALL)



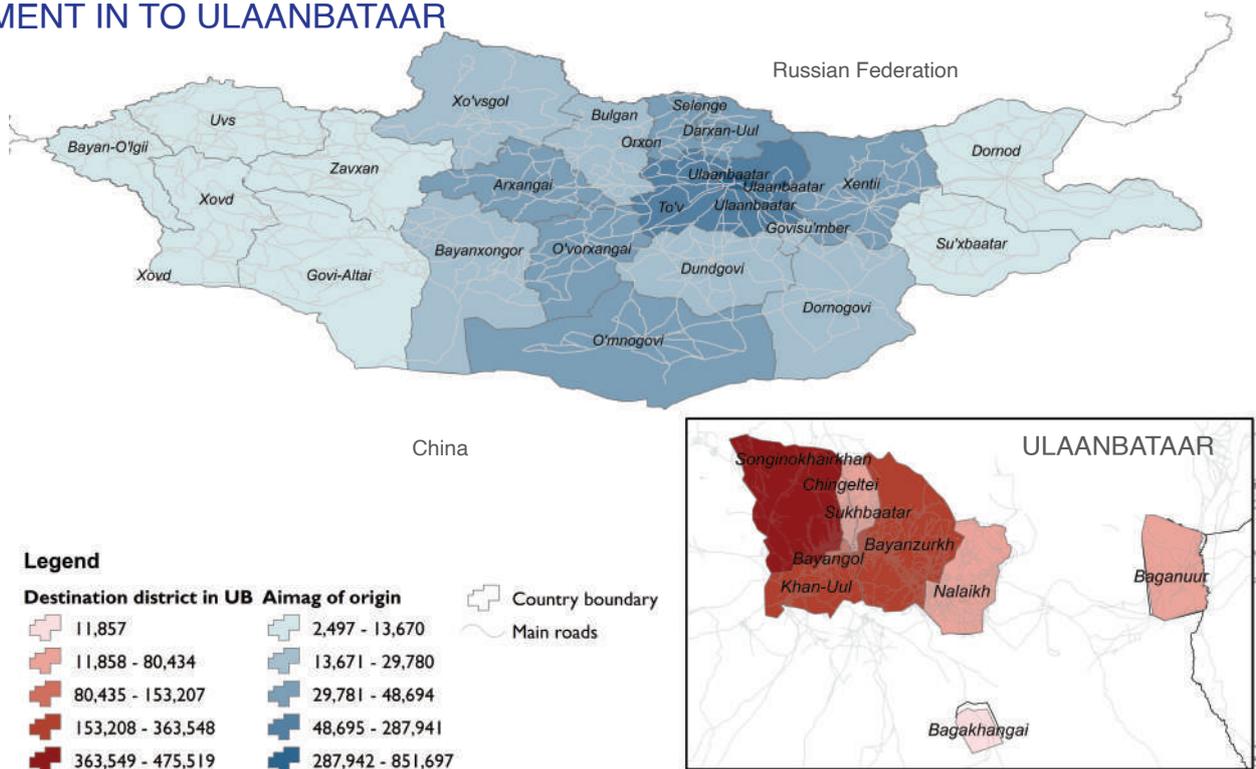
### MOVEMENT TRENDS



### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			29-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	347,992	181,780	166,212	4,318	2,700	1,618
Nalaikh	693,813	345,922	347,891	10,176	3,944	6,232
Morin	524,257	261,974	262,283	12,381	6,198	6,183
Emeelt	811,249	434,552	376,697	11,837	4,664	7,173
Gunt	413,053	206,788	206,265	5,877	2,996	2,881
<b>Total</b>	<b>3,192,381</b>	<b>1,622,336</b>	<b>1,570,045</b>	<b>44,589</b>	<b>20,502</b>	<b>24,087</b>

**MOVEMENT IN TO ULAANBATAAR**



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

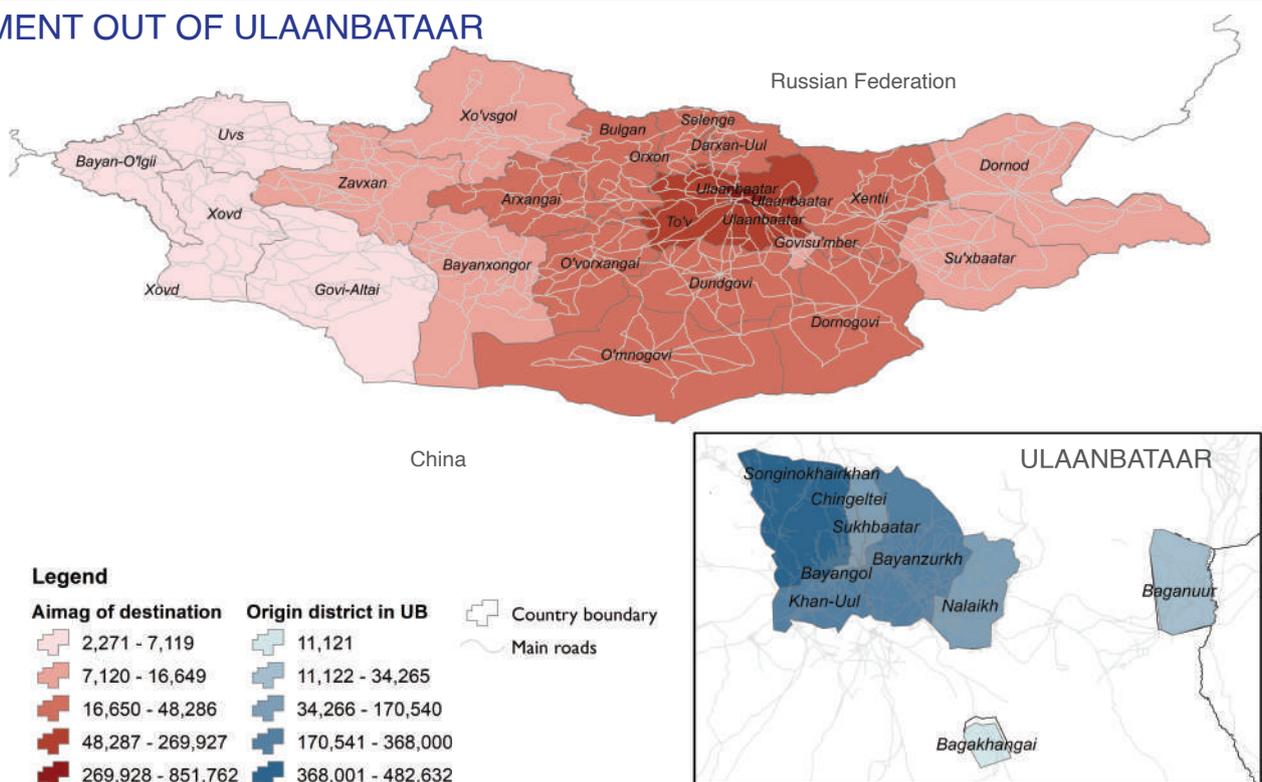
**DEMOGRAPHICS**

XX% - Overall  
 XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	4,085	10,345	31,851	51,816	104,413	37,814	255,221	59,704	262,002	34,446	851,697
Arkhangai	177	19	63	6,700	8,344	2,803	4,151	175	13,440	2,350	38,222
Bayankhongor	97	23	55	2,582	3,851	1,229	1,970	159	7,330	1,278	18,574
Bayan-Ulgii	23	5	1	342	592	101	144	29	1,046	214	2,497
Bulgan	197	22	50	5,348	7,036	2,143	3,713	109	9,357	1,805	29,780
Darkhan-Uul	261	50	128	7,529	9,191	2,550	5,309	336	20,264	3,076	48,694
Dornod	102	37	16	1,417	6,782	940	1,571	89	1,548	1,168	13,670
Dornogobi	308	35	76	4,151	9,302	1,244	2,908	280	3,077	1,770	23,151
Gobi-Altai	46	19	36	1,009	1,796	466	780	29	3,417	492	8,090
Gobisumber	232	9	127	2,579	8,780	753	1,778	274	1,677	1,254	17,463
Khentii	186	41	33	3,191	19,332	1,840	3,124	379	3,169	2,608	33,903
Khovd	10	2	12	861	1,612	358	904	46	3,675	315	7,795
Khuvsgul	110	35	94	3,412	4,617	1,325	2,390	119	7,244	1,481	20,827
Orkhon	156	5	126	6,722	7,579	1,709	4,865	205	10,555	2,335	34,257
Selenge	168	36	176	10,695	10,799	3,141	5,574	379	12,250	3,358	46,576
Sukhbaatar	72	34	45	1,036	6,375	597	930	109	1,012	870	11,080
Tuv	1,568	230	926	43,749	61,949	19,719	50,794	6,467	81,558	20,981	287,941
Umnugobi	143	11	112	4,668	8,448	1,598	8,379	189	7,661	2,175	33,384
Uvurkhangai	213	58	123	6,660	9,145	2,526	5,744	243	16,948	2,431	44,091
Zavkhan	73	14	27	2,116	3,459	768	1,492	73	4,386	1,011	13,419
Uvs	36	5	21	986	2,001	494	868	96	3,511	426	8,444
?	78	13	53	512	1,183	169	638	338	815	297	4,096
<b>TOTAL</b>	<b>8,483</b>	<b>11,067</b>	<b>34,213</b>	<b>171,760</b>	<b>305,389</b>	<b>85,703</b>	<b>367,767</b>	<b>69,978</b>	<b>480,425</b>	<b>87,997</b>	<b>1,622,782</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
Aimag of destination											
Arkhangai	369	45	6,691	71	4,811	2,220	3,270	167	11,856	1,915	31,415
Bayankhongor	96	23	2,879	79	2,272	958	1,739	105	6,906	1,050	16,107
Bayan-Ulgii	2	-	585	-	387	102	145	17	888	145	2,271
Bulgan	249	1	5,619	50	4,263	1,812	3,027	65	8,512	1,535	25,133
Darkhan-Uul	158	24	7,912	123	6,459	2,335	4,652	278	23,615	2,730	48,286
Dornod	77	23	7,879	12	1,387	881	1,566	173	1,436	1,122	14,556
Dornogobi	288	14	10,349	153	4,390	1,523	3,312	232	3,230	1,707	25,198
Dundgobi	102	20	8,607	82	3,170	1,325	4,508	123	4,915	1,962	24,814
Gobi-Altai	31	9	1,348	47	660	346	696	77	3,537	368	7,119
Gobisumber	153	15	8,508	90	2,252	787	1,642	287	1,701	969	16,404
Khentii	187	37	19,415	33	3,062	1,676	2,607	327	2,753	2,320	32,417
Khovd	26	-	1,292	15	711	228	666	54	3,031	312	6,335
Khuvsgul	89	11	3,420	23	2,101	990	1,824	75	7,150	966	16,649
Orkhon	152	11	6,179	114	5,833	1,686	4,195	179	11,673	1,810	31,832
Selenge	113	21	9,243	195	9,889	2,870	5,072	448	13,256	2,965	44,072
Sukhbaatar	76	18	6,774	16	818	564	957	76	1,034	1,046	11,379
Tuv	1,455	175	59,212	937	39,442	18,404	46,115	6,277	78,502	19,408	269,927
Umnugobi	93	20	9,528	158	4,925	2,051	8,783	250	8,182	2,841	36,831
Uvs	47	8	1,328	25	707	357	693	41	2,750	353	6,309
Uvurkhangai	235	49	6,813	114	5,160	1,879	4,440	135	15,073	1,994	35,892
Zavkhan	70	17	2,543	27	1,507	584	1,199	102	4,390	587	11,026
?	262	18	1,055	79	448	223	1,035	521	1,060	289	4,990
<b>TOTAL</b>	<b>4,330</b>	<b>559</b>	<b>187,179</b>	<b>2,443</b>	<b>104,654</b>	<b>43,801</b>	<b>102,143</b>	<b>10,009</b>	<b>215,450</b>	<b>48,394</b>	<b>718,962</b>