

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

**2,492,800**

cumulative movements tracked by DTM flow monitoring points (FMP)

**48,664** ↑

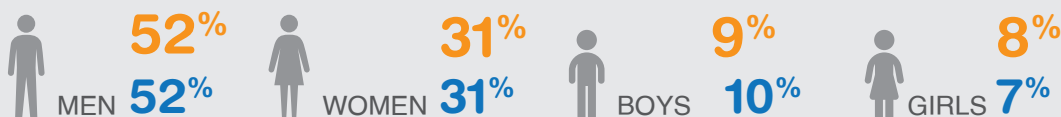
Movements tracked in the past 24 hrs

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

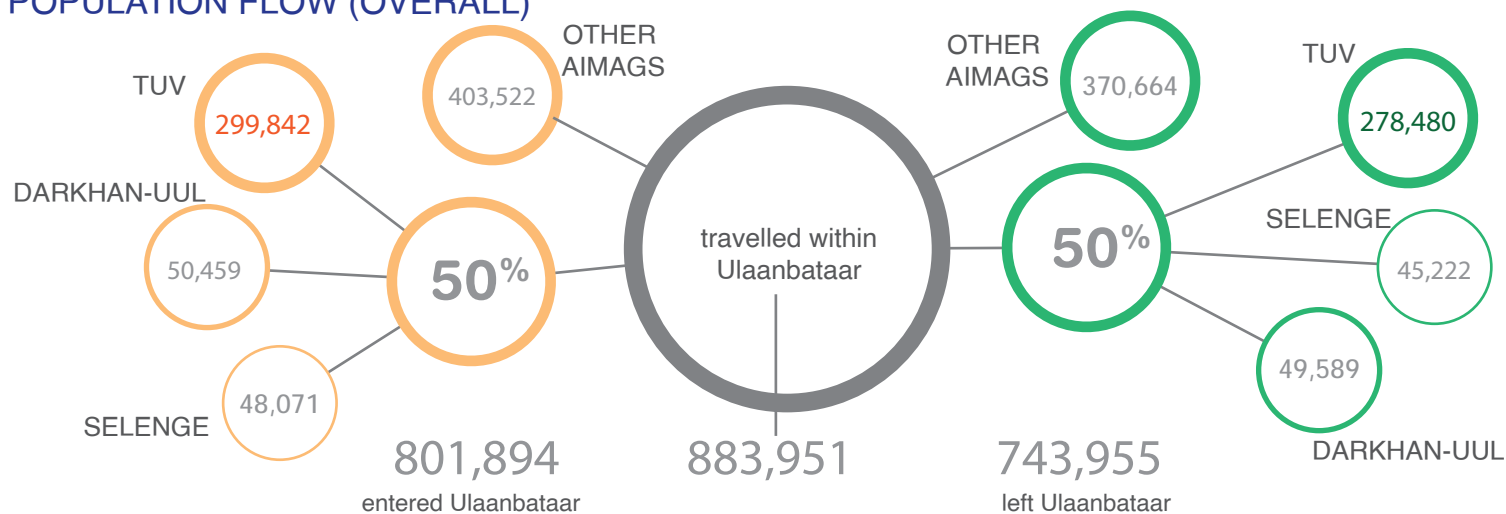
Average movement per day during restricted (R) and unrestricted (N) periods

### DEMOGRAPHICS

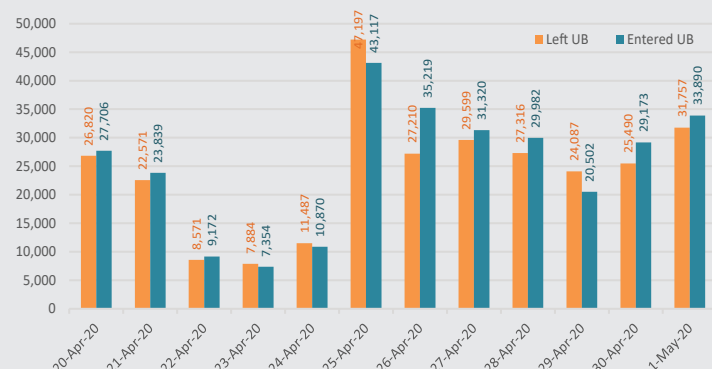
XX% - Overall  
XX% - Past 24 hrs



### POPULATION FLOW (OVERALL)



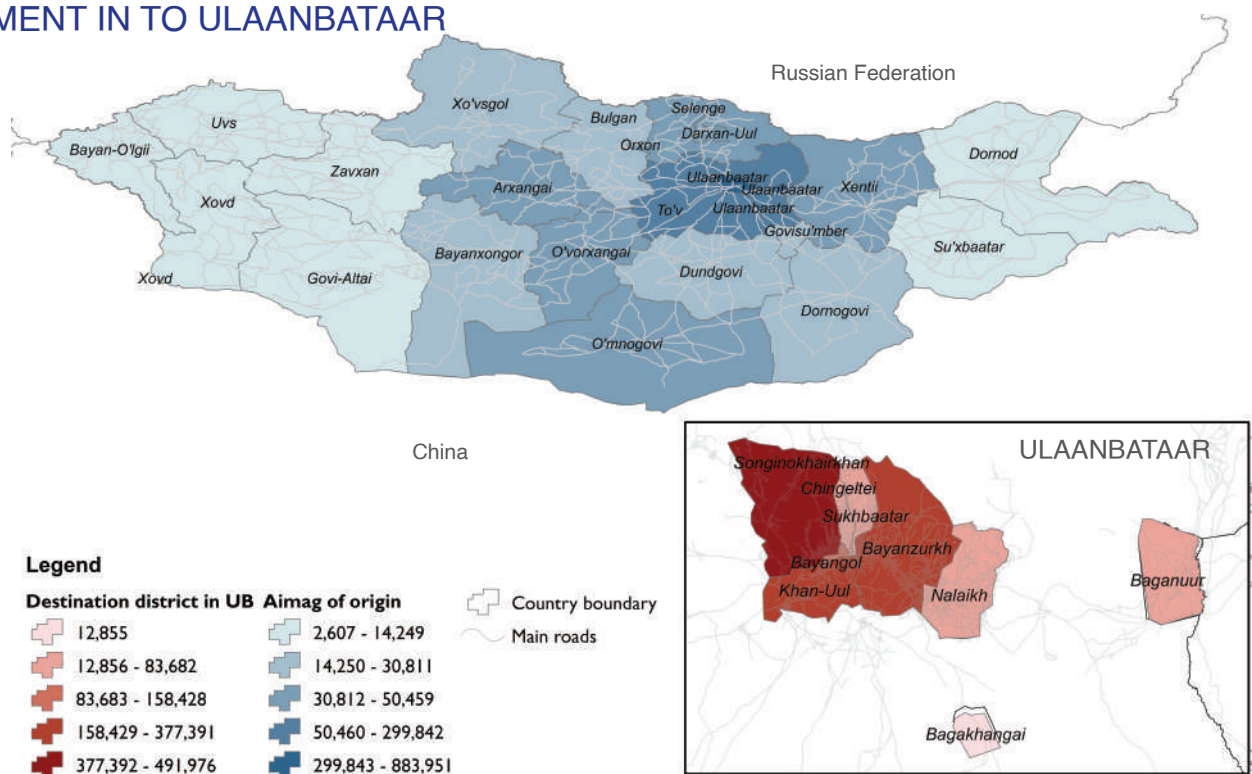
### MOVEMENT TRENDS



### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			1-May-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	358,107	187,403	170,704	5,448	2,704	2,744
Nalaikh	721,653	359,164	362,489	16,038	7,999	8,039
Morin	547,559	273,696	273,863	11,330	5,728	5,602
Emeelt	848,507	456,208	392,299	23,822	13,124	10,698
Gunt	434,848	217,608	217,240	9,009	4,335	4,674
<b>Total</b>	<b>3,312,691</b>	<b>1,685,399</b>	<b>1,627,292</b>	<b>65,647</b>	<b>33,890</b>	<b>31,757</b>

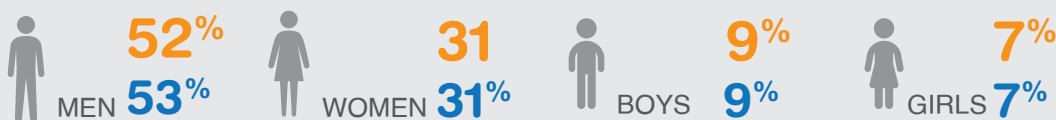
### MOVEMENT IN TO ULAANBATAAR



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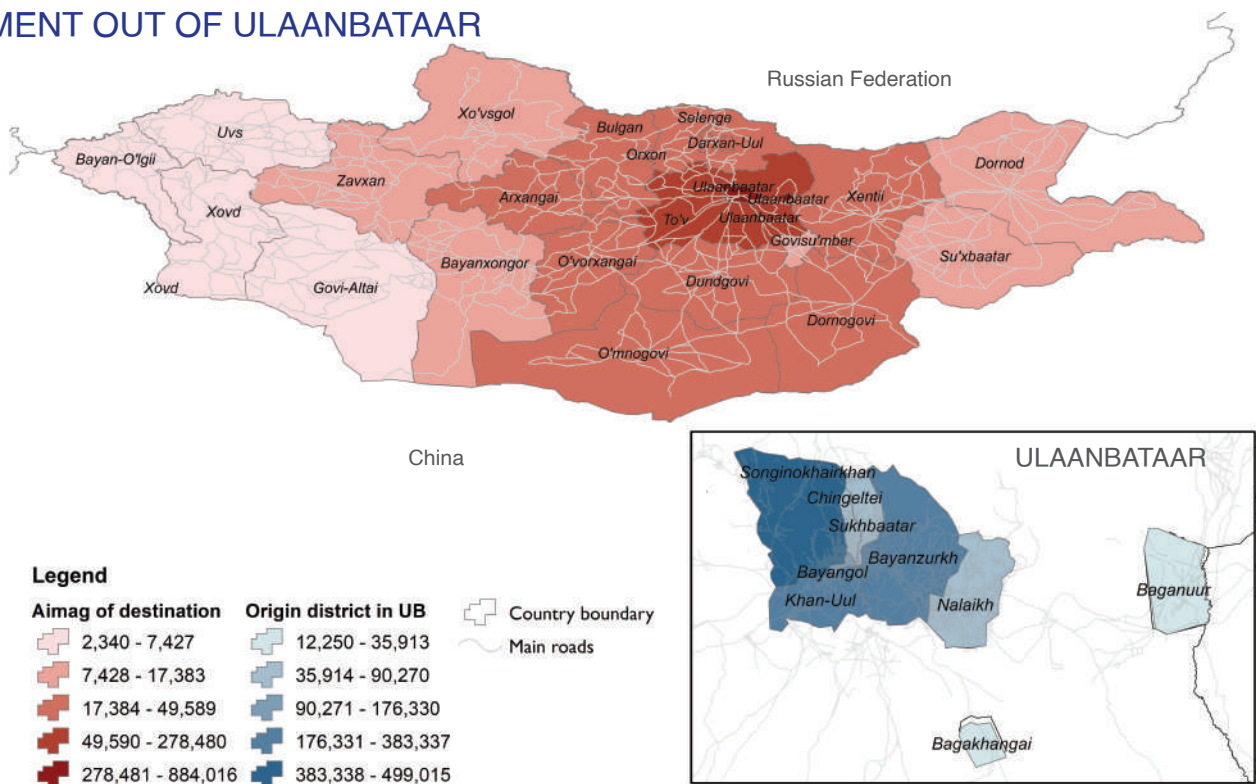
### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	4,947	11,428	33,324	53,440	107,906	40,375	266,241	60,223	270,472	35,595	883,951
Arkhangai	179	19	63	6,890	8,703	2,892	4,292	175	14,004	2,413	39,630
Bayankhongor	101	23	55	2,688	4,025	1,267	2,044	161	7,652	1,373	19,389
Bayan-Ulgii	23	5	1	350	619	101	147	48	1,094	219	2,607
Bulgan	199	22	57	5,529	7,286	2,226	3,799	109	9,683	1,901	30,811
Darkhan-Uul	266	50	128	7,773	9,515	2,636	5,541	346	21,033	3,171	50,459
Dornod	130	37	16	1,450	7,063	993	1,636	95	1,625	1,204	14,249
Dornogobi	352	36	87	4,334	9,625	1,288	3,040	294	3,238	1,801	24,095
Dundgobi	172	19	70	3,816	9,061	1,472	4,714	156	4,615	1,917	26,012
Gobi-Altai	48	19	36	1,023	1,845	479	813	34	3,610	533	8,440
Gobisumber	298	25	129	2,671	9,161	768	1,817	301	1,748	1,304	18,222
Khentii	257	44	33	3,323	20,186	1,929	3,232	405	3,295	2,709	35,413
Khovd	10	2	12	885	1,638	372	927	48	3,747	335	7,976
Khuvsgul	110	35	94	3,503	4,847	1,374	2,471	127	7,551	1,537	21,649
Orkhon	161	5	128	7,059	7,870	1,767	5,093	210	11,028	2,424	35,745
Selenge	170	40	186	11,061	11,090	3,266	5,749	381	12,681	3,447	48,071
Sukhbaatar	82	38	45	1,075	6,700	613	977	123	1,076	909	11,638
Tuv	1,865	244	947	45,365	64,429	20,477	52,825	7,068	84,715	21,907	299,842
Umnugobi	168	11	118	4,804	8,750	1,654	8,620	197	7,975	2,211	34,508
Uvurkhangai	220	60	133	6,850	9,542	2,626	5,977	243	17,803	2,487	45,941
Zavkhan	73	14	27	2,163	3,563	812	1,539	78	4,520	1,039	13,828
Uvs	38	5	21	1,020	2,048	498	888	98	3,705	432	8,753
?	80	15	169	552	1,344	186	684	397	858	331	4,616
<b>TOTAL</b>	<b>9,949</b>	<b>12,196</b>	<b>35,879</b>	<b>177,624</b>	<b>316,816</b>	<b>90,071</b>	<b>383,066</b>	<b>71,317</b>	<b>497,728</b>	<b>91,199</b>	<b>1,685,845</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	369	45	6,859	71	4,989	2,301	3,378	168	12,187	2,013	32,380
Bayankhongor	104	23	2,956	86	2,306	988	1,776	105	7,102	1,080	16,526
Bayan-Ulgii	2	-	605	-	409	107	149	17	904	147	2,340
Bulgan	249	1	5,780	50	4,391	1,845	3,124	65	8,716	1,591	25,812
Darkhan-Uul	158	24	8,173	132	6,614	2,395	4,819	295	24,164	2,815	49,589
Dornod	126	23	8,198	12	1,426	919	1,625	210	1,494	1,164	15,197
Dornogobi	300	18	11,028	165	4,710	1,613	3,567	269	3,387	1,890	26,947
Dundgobi	103	20	9,039	86	3,341	1,358	4,736	127	5,114	2,045	25,969
Gobi-Altai	31	9	1,415	47	701	355	721	80	3,697	371	7,427
Gobisumber	174	20	9,045	92	2,393	828	1,739	293	1,758	1,041	17,383
Khentii	288	50	20,500	45	3,183	1,727	2,798	357	2,885	2,419	34,252
Khovd	29	-	1,317	15	733	240	675	55	3,097	318	6,479
Khuvsgul	89	11	3,547	23	2,175	1,018	1,885	75	7,423	1,009	17,255
Orkhon	156	11	6,338	121	5,964	1,721	4,305	179	11,901	1,867	32,563
Selenge	113	21	9,526	205	10,156	2,968	5,208	453	13,537	3,035	45,222
Sukhbaatar	123	18	7,071	24	884	596	1,001	81	1,060	1,064	11,922
Tuv	1,553	184	61,314	1,009	40,530	19,099	47,353	6,882	80,507	20,049	278,480
Umnugobi	100	20	9,891	163	5,082	2,114	9,138	255	8,360	2,922	38,045
Uvs	47	8	1,406	25	746	369	723	41	2,885	374	6,624
Uvurkhangai	235	49	7,008	119	5,316	1,946	4,651	135	15,406	2,074	36,939
Zavkhan	70	17	2,619	27	1,546	618	1,232	105	4,566	602	11,402
?	272	22	1,117	87	481	228	1,064	551	1,089	291	5,202
<b>TOTAL</b>	<b>4,691</b>	<b>594</b>	<b>194,752</b>	<b>2,604</b>	<b>108,076</b>	<b>45,353</b>	<b>105,667</b>	<b>10,798</b>	<b>221,239</b>	<b>50,181</b>	<b>743,955</b>