

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 27th 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 300 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 27th, 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 3rd and is scheduled to last until March 24th, 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 dzud.

### NUMBERS AT A GLANCE

**1,040,662**

cumulative movements tracked by DTM flow monitoring points (FMP)

**48,635** ↑

Movements tracked in the past 24 hrs

**10,196 (R)**  
**44,018 (N)**

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

### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



51%  
50%



31%  
32%

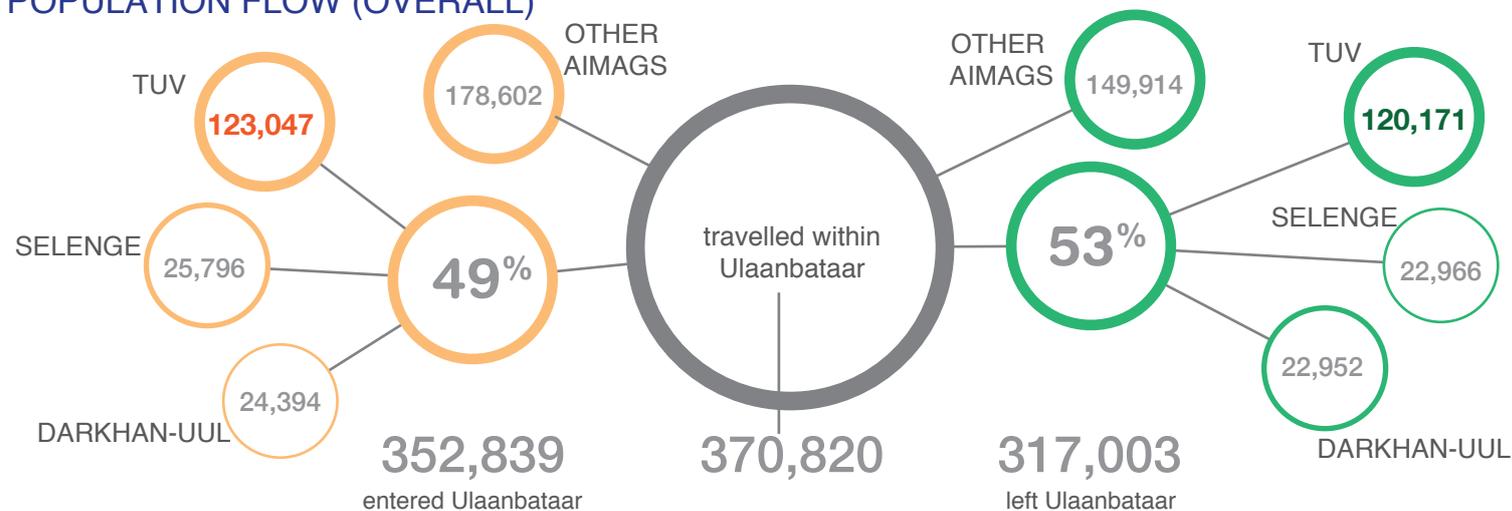


10%  
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8%  
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### POPULATION FLOW (OVERALL)



### MOVEMENT TRENDS

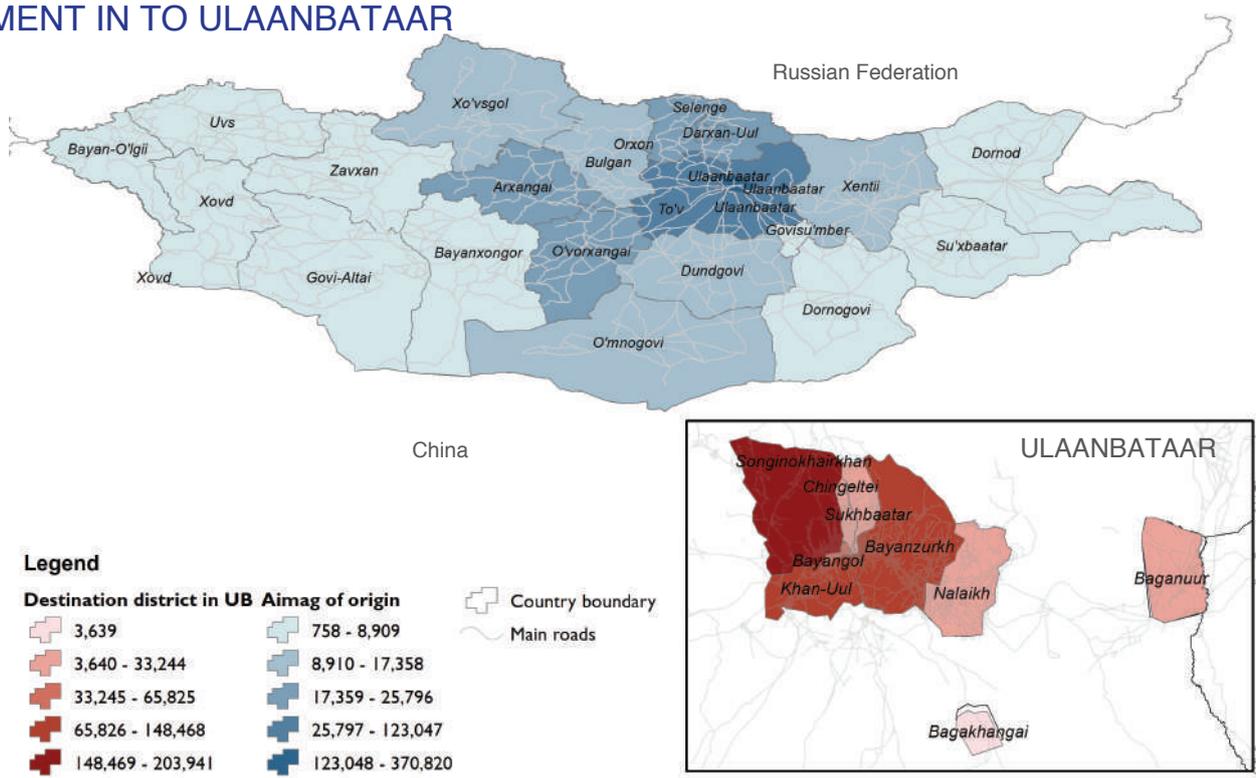


### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			28-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	258,149	125,586	132,563	7,957	3,256	4,701
Baruunturuun	155,431	76,842	78,589	5,475	3,795	1,680
Nalaikh	281,618	141,634	139,984	31,345	16,169	15,176
Morin	217,386	108,862	108,524	11,472	5,759	5,713
Ulziit	373,132	206,919	166,213	9,975	5,245	4,730
Gunt	125,643	63,782	61,861	4,381	1,833	2,548
<b>Total</b>	<b>1,411,359</b>	<b>723,625</b>	<b>687,734</b>	<b>70,605</b>	<b>36,057</b>	<b>34,548</b>



**MOVEMENT IN TO ULAANBATAAR**



**Legend**

Destination district in UB		Aimags of origin	
3,639	758 - 8,909	758 - 8,909	
3,640 - 33,244	8,910 - 17,358	8,910 - 17,358	
33,245 - 65,825	17,359 - 25,796	17,359 - 25,796	
65,826 - 148,468	25,797 - 123,047	25,797 - 123,047	
148,469 - 203,941	123,048 - 370,820	123,048 - 370,820	

Country boundary  
 Main roads

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

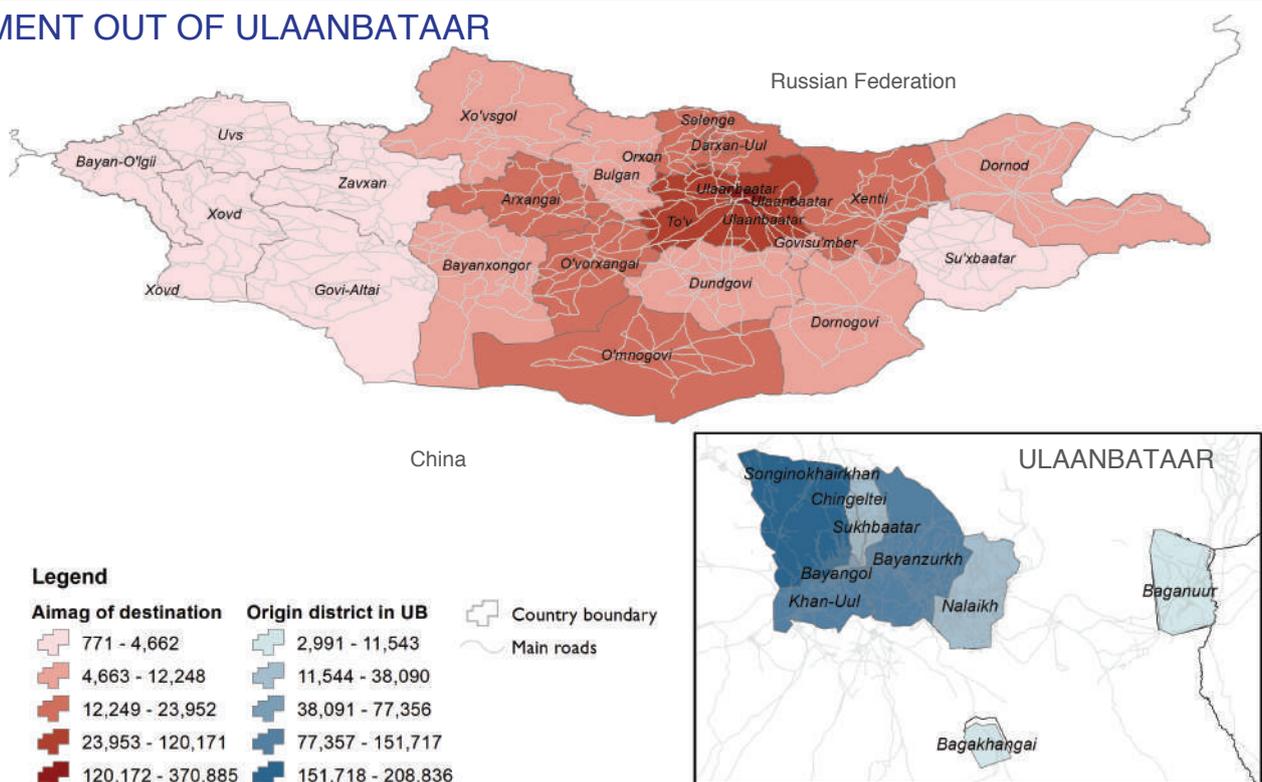
**DEMOGRAPHICS**

XX% - Overall  
 XX% - Past 24 hrs



UB district of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of origin											
Ulaanbaatar	1,044	2,732	10,914	22,688	47,891	15,429	108,238	25,439	121,396	15,049	370,820
Arkhangai	82	10	31	3,446	4,351	1,430	2,064	102	6,749	1,251	19,516
Bayankhongor	45	1	33	1,256	2,023	608	962	79	3,237	665	8,909
Bayan-Ulgii	4	-	-	88	177	46	41	6	318	78	758
Bulgan	101	18	29	2,710	3,585	1,093	1,986	59	4,378	939	14,898
Darkhan-Uul	82	23	79	4,189	5,109	1,377	2,941	248	9,795	1,551	25,394
Dornod	13	3	-	663	2,817	459	633	20	790	533	5,931
Dornogobi	39	9	3	1,501	3,336	409	953	17	1,212	662	8,141
Dundgobi	30	-	5	1,678	3,619	639	2,019	6	2,123	827	10,946
Gobi-Altai	23	11	31	573	1,022	259	343	18	1,657	299	4,236
Gobisumber	22	5	12	1,073	3,553	313	685	5	727	566	6,961
Khentii	19	6	11	1,446	7,955	905	1,267	16	1,319	1,129	14,073
Khovd	5	-	12	450	834	189	485	40	1,430	113	3,558
Khuvsgul	30	25	61	1,966	2,547	660	1,250	47	3,099	751	10,436
Orkhon	79	-	55	3,176	4,027	918	2,490	153	5,189	1,271	17,358
Selenge	91	23	79	5,647	5,965	1,842	3,008	265	7,001	1,875	25,796
Sukhbaatar	24	4	15	484	2,736	206	319	25	453	348	4,614
Tuv	492	98	275	19,477	25,665	8,821	20,954	460	37,855	8,950	123,047
Umnugobi	68	5	33	1,884	3,352	656	3,157	53	3,370	830	13,408
Uvurkhangai	98	41	62	3,498	4,633	1,471	2,949	133	8,010	1,240	22,135
Zavkhan	37	9	8	1,174	1,886	412	827	31	2,021	533	6,938
Uvs	17	5	4	569	1,094	249	456	87	1,872	225	4,578
?	24	4	-	169	341	48	156	54	293	119	1,208
<b>TOTAL</b>	<b>2,469</b>	<b>3,032</b>	<b>11,752</b>	<b>79,805</b>	<b>138,518</b>	<b>38,439</b>	<b>158,183</b>	<b>27,363</b>	<b>224,294</b>	<b>39,804</b>	<b>723,659</b>

**MOVEMENT OUT OF ULAANBATAAR**



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**DEMOGRAPHICS**

XX% - Overall  
 XX% - Past 24 hrs



51%  
 51%



30%  
 30%



10%  
 10%



9%  
 9%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	205	-	3,021	36	2,214	1,052	1,492	72	5,240	1,009	14,341
Bayankhongor	81	3	1,101	59	809	418	782	54	2,756	435	6,498
Bayan-Ulgii	-	-	199	-	166	30	43	-	300	33	771
Bulgan	117	1	2,672	19	2,133	952	1,480	23	4,127	724	12,248
Darkhan-Uul	61	11	3,988	50	3,328	1,156	2,477	179	11,377	1,325	23,952
Dornod	27	8	3,183	2	576	484	599	10	673	403	5,965
Dornogobi	48	5	4,251	24	1,663	650	1,266	4	1,366	604	9,881
Dundgobi	34	7	3,333	13	1,337	606	1,919	26	2,012	824	10,111
Gobi-Altai	21	9	446	17	217	129	227	10	1,351	155	2,582
Gobisumber	11	-	3,131	13	839	365	593	8	702	394	6,056
Khentii	40	4	7,942	8	1,307	781	1,044	5	1,275	1,027	13,433
Khovd	11	-	529	6	256	94	286	34	1,056	140	2,412
Khuvsgul	41	3	1,389	11	890	326	780	14	2,705	400	6,559
Orkhon	83	9	3,029	72	2,626	864	2,086	103	5,735	983	15,590
Selenge	42	12	4,902	106	4,879	1,476	2,727	300	7,023	1,499	22,966
Sukhbaatar	15	1	2,748	2	317	279	401	11	456	432	4,662
Tuv	634	55	24,717	233	18,371	8,349	20,558	445	38,088	8,721	120,171
Umnugobi	43	11	4,197	52	2,142	889	3,605	70	3,936	1,261	16,206
Uvs	23	7	442	-	158	154	245	27	864	125	2,045
Uvurkhangai	143	18	3,037	41	2,370	810	1,985	49	6,212	905	15,570
Zavkhan	43	5	878	12	509	212	381	20	1,610	209	3,879
?	52	1	200	15	117	80	115	70	407	48	1,105
<b>TOTAL</b>	<b>1,775</b>	<b>170</b>	<b>79,335</b>	<b>791</b>	<b>47,224</b>	<b>20,156</b>	<b>45,091</b>	<b>1,534</b>	<b>99,271</b>	<b>21,656</b>	<b>317,003</b>