

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 zud.

NUMBERS AT A GLANCE

676,357

cumulative movements tracked by DTM flow monitoring points (FMP)

40,965 ↓

Movements tracked in the past 24 hrs

10,196 (R)
46,915 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



55%



30%

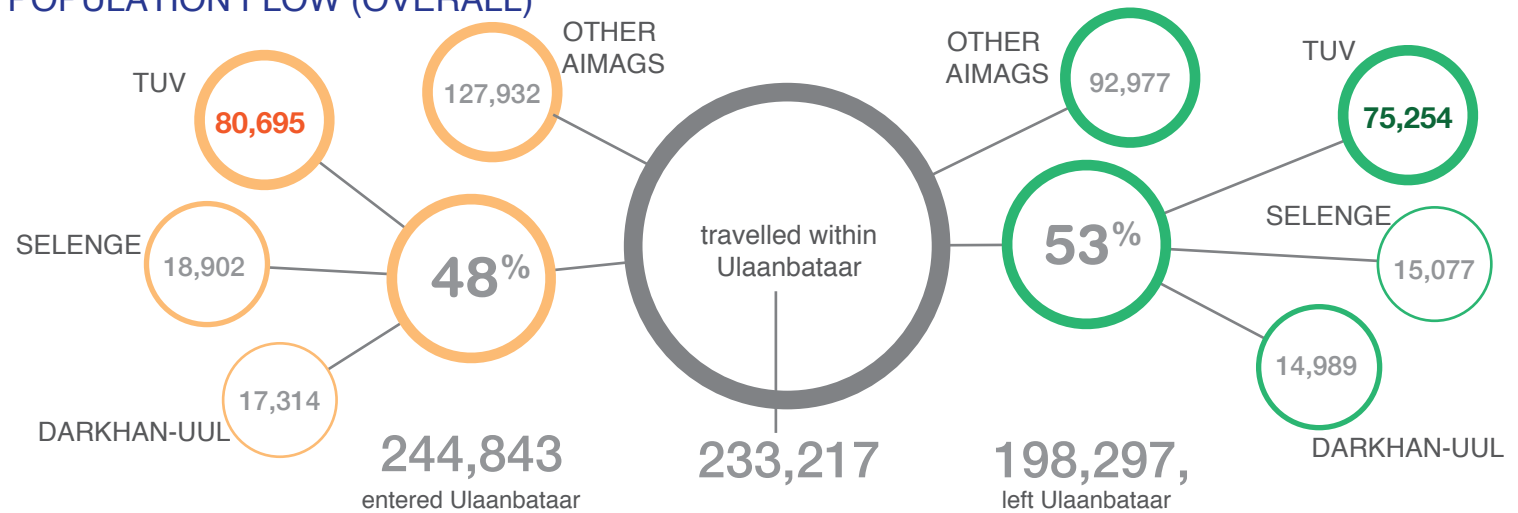


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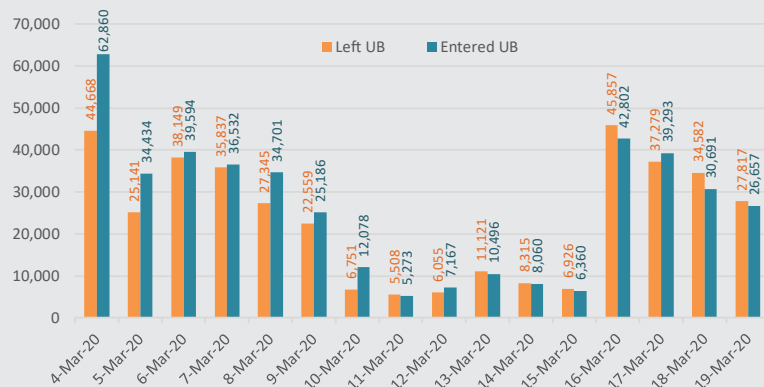


7%

POPULATION FLOW (OVERALL)



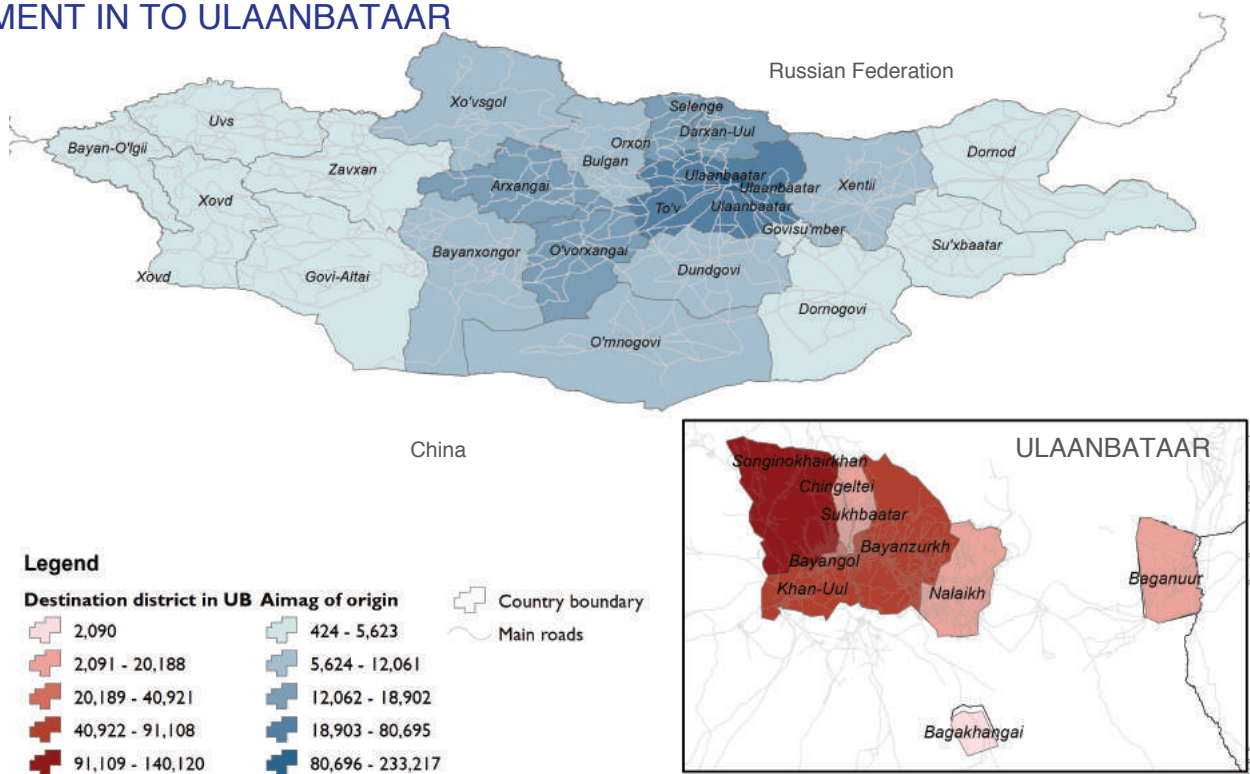
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			19-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	257,364	152,289	105,075	12,379	5,895	6,484
Baruunturuun	176,471	87,284	89,187	10,009	4,768	5,241
Nalaikh	158,422	79,419	79,003	10,962	5,127	5,835
Morin	129,505	64,917	64,588	8,862	4,406	4,456
Ulziit	104,932	50,795	54,137	6,851	3,632	3,219
Gunt	82,581	43,242	39,339	5,411	2,829	2,582
Total	909,275	477,946	431,329	54,474	26,657	27,817

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



MEN

50%

56%



WOMEN

31%

31%



BOYS

10%

7%



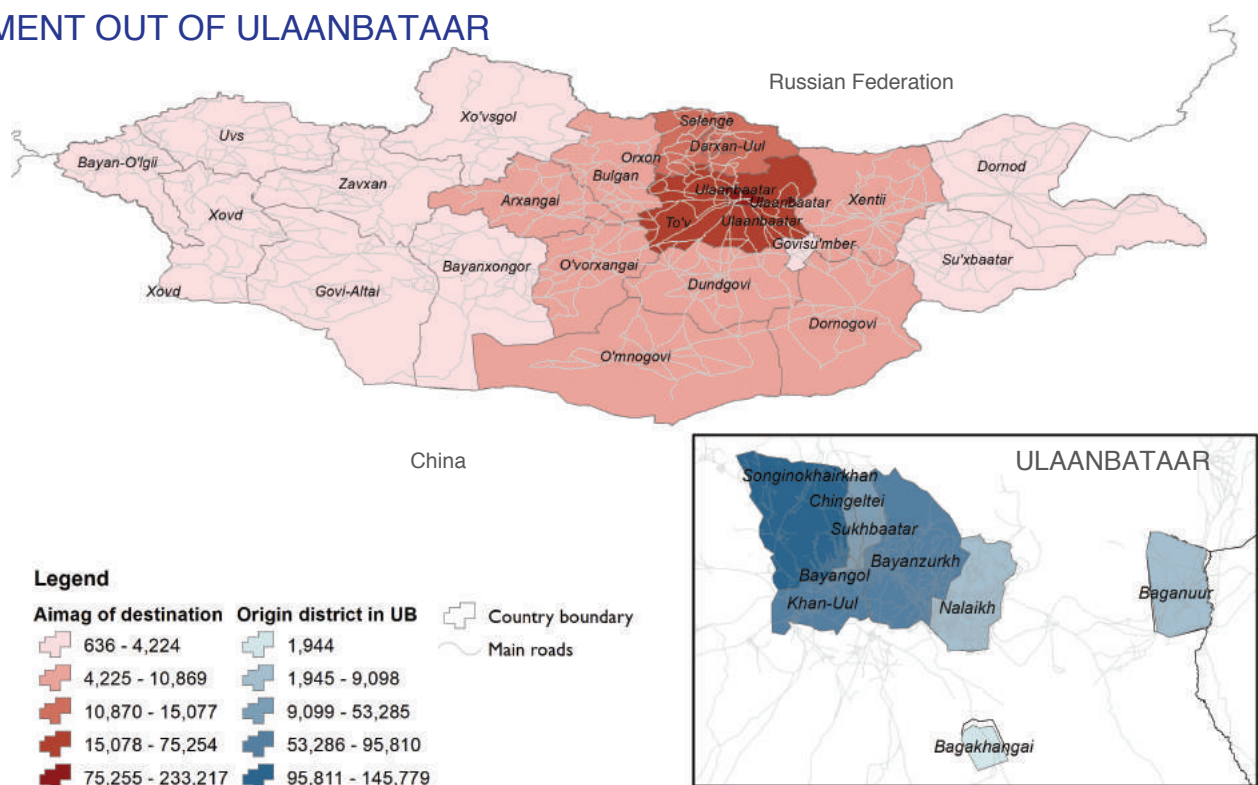
GIRLS

8%

6%

UB district of destination	?	Aimag of origin										TOTAL
		Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar		
Ulaanbaatar	618	1,781	7,090	14,913	26,949	9,483	67,132	11,380	84,607	9,264	233,217	
Arkhangai	39	10	24	2,537	3,337	1,094	1,449	72	5,059	900	14,521	
Bayankhongor	28	-	23	954	1,519	461	713	75	2,549	494	6,816	
Bayan-Ulgii	4	-	-	46	113	24	21	6	157	53	424	
Bulgan	60	18	24	1,960	2,620	815	1,405	48	3,145	717	10,812	
Darkhan-Uul	55	18	51	2,984	3,659	1,032	2,097	198	6,056	1,164	17,314	
Dornod	7	3	-	467	2,003	323	371	7	578	424	4,183	
Dornogobi	20	6	3	1,022	2,259	271	578	15	786	465	5,425	
Dundgobi	23	-	5	1,138	2,336	460	1,379	4	1,533	584	7,462	
Gobi-Altai	4	11	29	504	832	217	293	11	1,197	232	3,330	
Gobisumber	18	3	12	674	2,271	227	452	5	474	418	4,554	
Khentii	13	3	11	1,022	5,487	675	772	8	912	879	9,782	
Khovd	5	-	9	332	641	133	385	37	943	97	2,582	
Khuvsgul	27	16	51	1,580	1,981	560	934	39	2,366	595	8,149	
Orkhon	43	-	24	2,175	2,942	657	1,731	112	3,402	975	12,061	
Selenge	78	13	69	4,099	4,424	1,410	2,181	176	5,003	1,449	18,902	
Sukhbaatar	8	4	14	354	2,054	146	231	15	292	250	3,368	
Tuv	308	59	199	12,791	16,780	6,046	13,096	304	25,260	5,852	80,695	
Umnugobi	30	3	24	1,175	2,037	367	1,767	30	2,078	516	8,027	
Uvurkhangai	79	23	62	2,582	3,483	1,187	2,262	96	5,605	906	16,285	
Zavkhan	18	3	4	976	1,551	351	652	26	1,621	421	5,623	
Uvs	11	5	-	449	882	212	368	42	1,399	174	3,542	
?	18	3	-	136	304	42	118	36	226	103	986	
TOTAL	1,514	1,982	7,728	54,870	90,464	26,193	100,387	12,742	155,248	26,932	478,060	

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



52%
 55%



29%
 29%



10%
 9%



9%
 8%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	106	-	1,671	25	1,168	618	691	44	3,044	529	7,896
Bayankhongor	58	3	607	55	444	206	409	15	1,524	239	3,560
Bayan-Ulgii	-	-	164	-	133	21	24	-	268	26	636
Bulgan	75	1	1,456	18	1,150	499	768	20	2,313	444	6,744
Darkhan-Uul	37	-	2,583	40	2,160	790	1,417	122	7,094	834	15,077
Dornod	14	-	2,214	2	376	324	458	9	520	298	4,215
Dornogobi	43	-	3,133	17	1,223	498	787	1	959	450	7,111
Dundgobi	27	-	1,960	9	845	383	1,223	24	1,350	466	6,287
Gobi-Altai	21	9	238	17	148	81	145	6	744	83	1,492
Gobisumber	8	-	2,202	13	584	229	385	4	501	298	4,224
Khentii	19	4	5,516	8	963	571	700	4	854	739	9,378
Khovd	10	-	306	-	120	47	199	27	621	66	1,396
Khuvsgul	25	2	801	6	502	208	477	4	1,436	233	3,694
Orkhon	43	6	1,927	46	1,591	655	1,290	67	3,725	605	9,955
Selenge	26	11	3,194	89	3,138	1,007	1,775	230	4,584	935	14,989
Sukhbaatar	10	-	1,795	2	217	146	264	-	321	296	3,051
Tuv	343	46	15,343	163	11,401	5,372	12,997	271	23,951	5,367	75,254
Umnugobi	36	7	2,802	39	1,362	613	2,412	58	2,725	815	10,869
Uvs	15	-	249	-	105	72	141	25	475	56	1,138
Uvurkhangai	83	6	1,764	34	1,245	497	1,055	39	3,326	544	8,593
Zavkhan	23	5	513	12	260	101	208	11	823	109	2,065
?	33	-	115	13	65	53	68	27	262	37	673
TOTAL	1,055	100	50,553	608	29,200	12,991	27,893	1,008	61,420	13,469	198,297