

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

752,903

cumulative movements tracked by DTM flow monitoring points (FMP)

34,234 ↓

Movements tracked in the past 24 hrs

10,196 (R)
45,858 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

51%
49%



WOMEN

31%
32%



BOYS

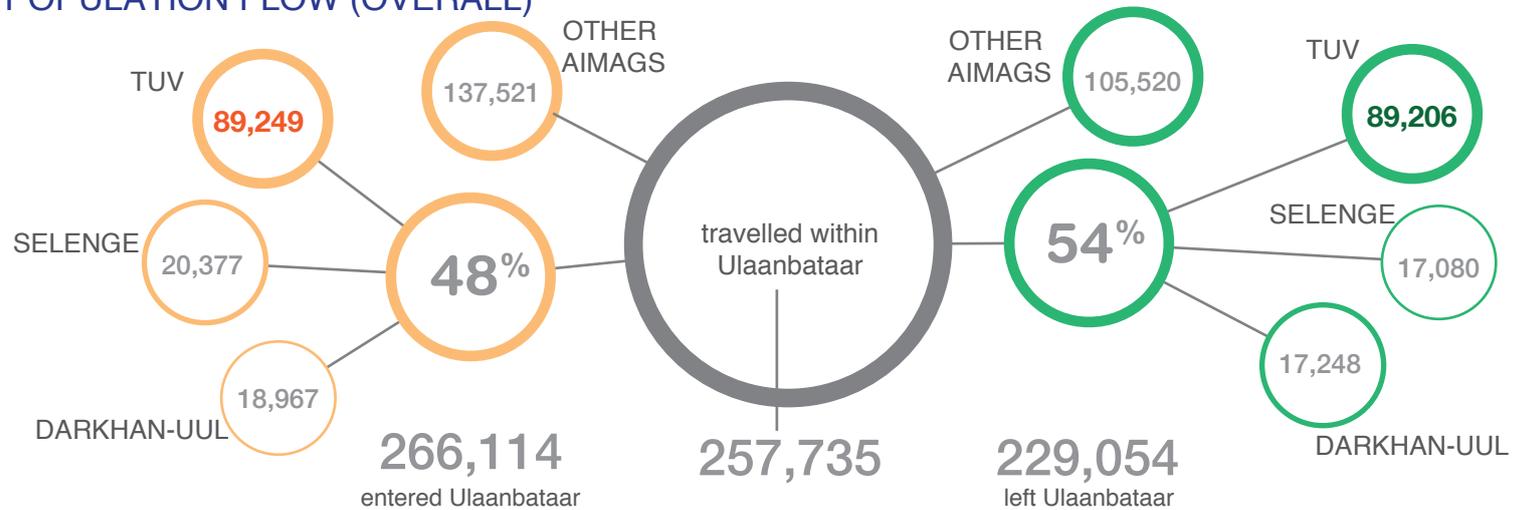
10%
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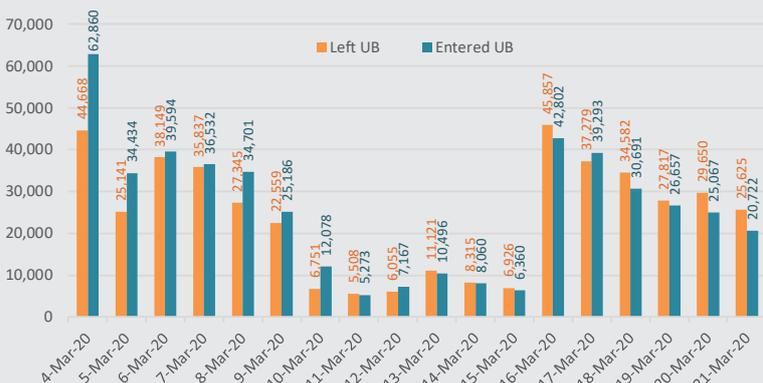
GIRLS

8%
8%

POPULATION FLOW (OVERALL)



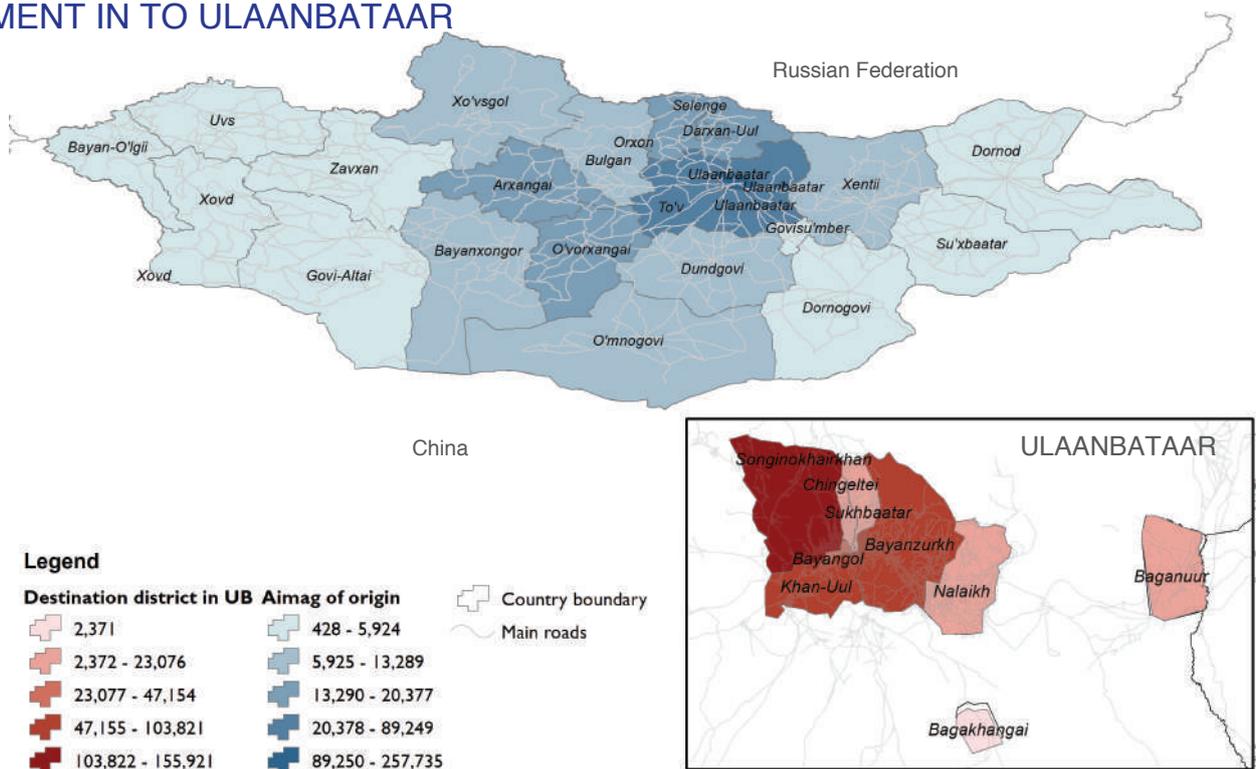
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			21-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	281,745	162,167	119,578	7,914	2,924	4,990
Baruunturuun	196,091	96,180	99,911	11,786	5,316	6,470
Nalaikh	174,042	87,127	86,915	6,053	3,268	2,785
Morin	146,308	73,317	72,991	8,352	4,169	4,183
Ulziit	118,899	56,725	62,174	6,088	2,192	3,896
Gunt	93,254	48,219	45,035	6,154	2,853	3,301
Total	1,010,339	523,735	486,604	46,347	20,722	25,625

MOVEMENT IN TO ULAANBATAAR



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

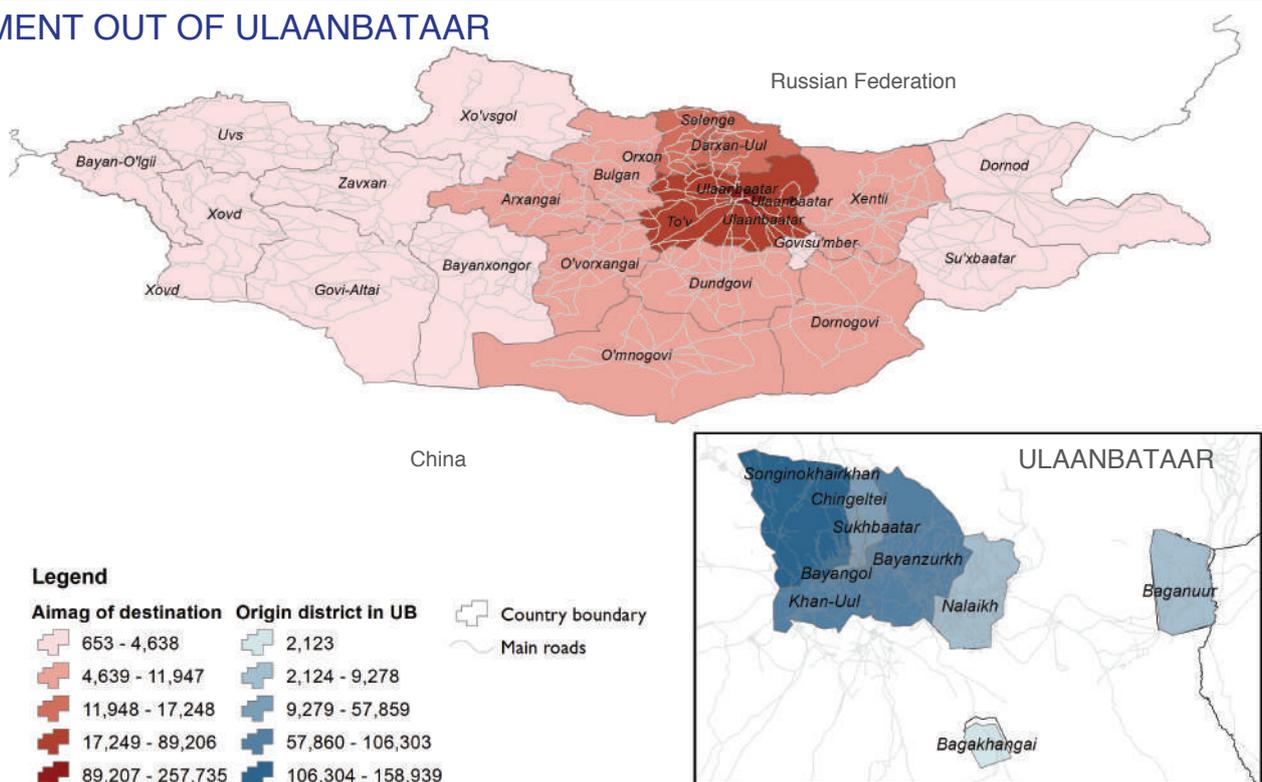
DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



UB district of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimag of origin											
Ulaanbaatar	716	1,945	7,717	16,644	30,007	10,459	74,670	12,261	92,718	10,598	257,735
Arkhangai	46	10	24	2,654	3,496	1,137	1,564	74	5,337	972	15,314
Bayankhongor	34	1	23	986	1,578	490	745	75	2,712	511	7,155
Bayan-Ulgii	4	-	-	46	113	24	21	6	161	53	428
Bulgan	65	18	24	2,037	2,752	850	1,503	48	3,304	738	11,339
Darkhan-Uul	59	18	55	3,218	3,970	1,122	2,242	207	6,846	1,230	18,967
Dornod	7	3	-	501	2,144	357	408	7	620	449	4,496
Dornogobi	21	6	3	1,118	2,418	307	636	17	896	502	5,924
Dundgobi	30	-	5	1,275	2,597	512	1,506	6	1,695	659	8,285
Gobi-Altai	4	11	29	516	855	235	299	11	1,236	241	3,437
Gobisumber	18	3	12	758	2,555	242	508	5	540	447	5,088
Khentii	15	3	11	1,122	5,851	740	852	8	978	919	10,499
Khovd	5	-	9	347	655	167	391	37	1,004	97	2,712
Khuvsgul	30	18	56	1,647	2,059	564	1,016	39	2,532	613	8,574
Orkhon	48	-	24	2,335	3,156	744	1,882	117	3,966	1,017	13,289
Selenge	78	21	72	4,361	4,781	1,501	2,334	212	5,492	1,525	20,377
Sukhbaatar	12	4	14	378	2,142	153	244	15	319	263	3,544
Tuv	348	59	205	14,035	18,683	6,664	14,732	359	27,620	6,544	89,249
Umnugobi	43	5	25	1,365	2,401	466	2,221	33	2,450	566	9,575
Uvurkhangai	79	27	62	2,723	3,682	1,224	2,371	108	6,123	963	17,362
Zavkhan	24	3	4	995	1,600	356	671	26	1,659	447	5,785
Uvs	17	5	4	454	921	225	394	42	1,436	174	3,672
?	18	3	-	139	315	42	131	36	254	105	1,043
TOTAL	1,721	2,163	8,378	59,654	98,731	28,581	111,341	13,749	169,898	29,633	523,849

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



51%
 49%



29%
 32%



10%
 11%



9%
 9%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	106	-	1,930	25	1,435	733	896	52	3,485	630	9,292
Bayankhongor	63	3	729	59	505	262	475	48	1,770	284	4,198
Bayan-Ulgii	-	-	171	-	142	21	24	-	268	27	653
Bulgan	75	1	1,770	18	1,380	590	948	20	2,731	503	8,036
Darkhan-Uul	42	11	2,949	42	2,486	887	1,644	133	8,054	1,000	17,248
Dornod	14	8	2,441	2	425	361	491	9	561	326	4,638
Dornogobi	43	-	3,382	23	1,327	520	919	1	1,055	467	7,737
Dundgobi	32	7	2,254	9	984	439	1,408	24	1,523	534	7,214
Gobi-Altai	21	9	250	17	148	86	162	6	876	91	1,666
Gobisumber	8	-	2,383	13	636	255	441	4	573	312	4,625
Khentii	30	4	6,035	8	1,064	617	799	4	974	817	10,352
Khovd	10	-	335	-	127	57	212	27	694	84	1,546
Khuvsgul	25	3	906	8	615	249	525	4	1,755	249	4,339
Orkhon	46	6	2,192	54	1,816	681	1,481	77	4,249	657	11,259
Selenge	27	12	3,675	96	3,585	1,151	2,006	242	5,215	1,071	17,080
Sukhbaatar	10	-	1,970	2	245	188	293	-	380	337	3,425
Tuv	380	52	18,183	184	13,741	6,302	15,688	312	27,975	6,389	89,206
Umnugobi	36	7	3,126	42	1,496	682	2,656	63	2,968	871	11,947
Uvs	15	-	302	-	115	80	159	25	576	68	1,340
Uvurkhangai	87	11	2,109	41	1,496	556	1,291	40	3,844	640	10,115
Zavkhan	25	5	572	12	306	121	234	15	994	112	2,396
?	39	-	123	13	84	55	80	27	284	37	742
TOTAL	1,134	139	57,787	668	34,158	14,893	32,832	1,133	70,804	15,506	229,054