

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 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 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 May 1st, 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

2,071,629

cumulative movements tracked by DTM flow monitoring points (FMP)

34,409 ↓

Movements tracked in the past 24 hrs

10,196 (R)
43,439 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



52%
59%



31%
30%

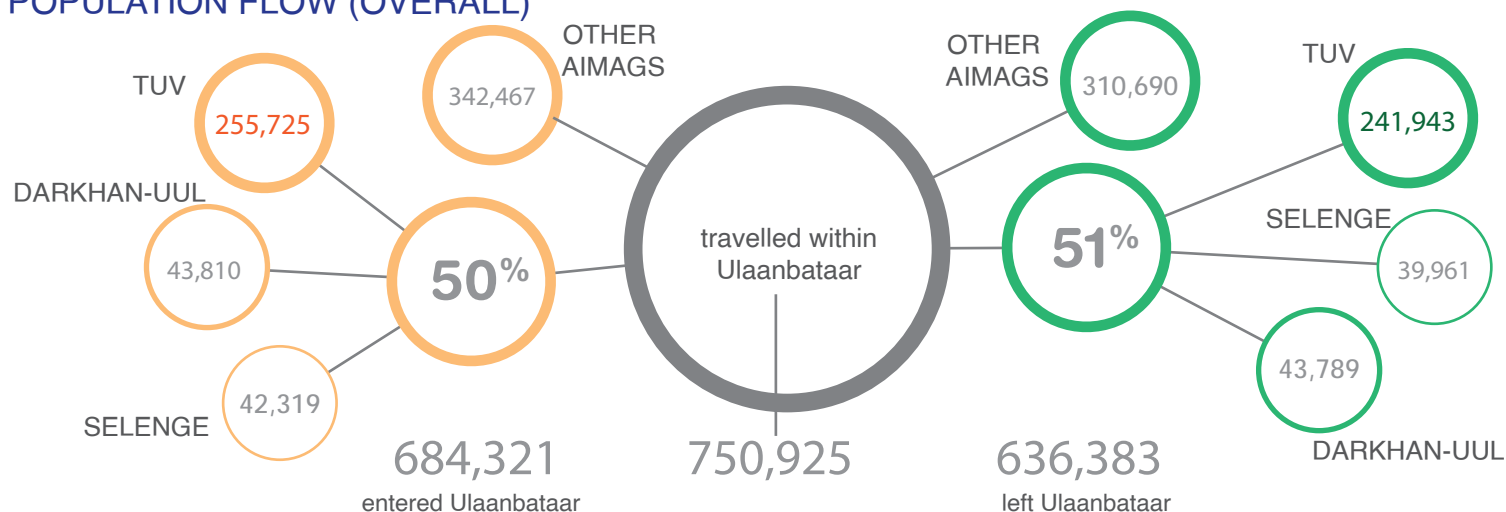


10%
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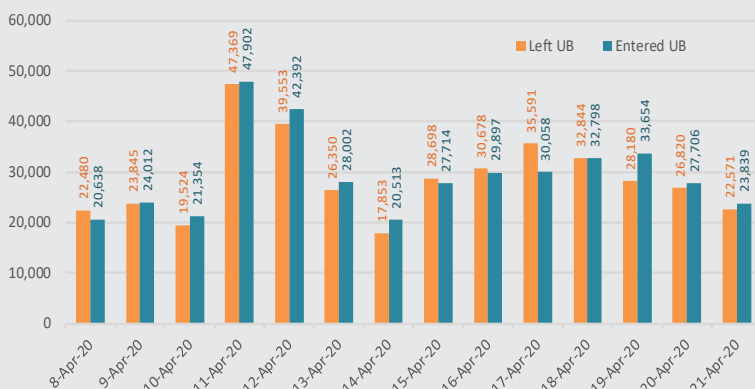
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POPULATION FLOW (OVERALL)



MOVEMENT TRENDS

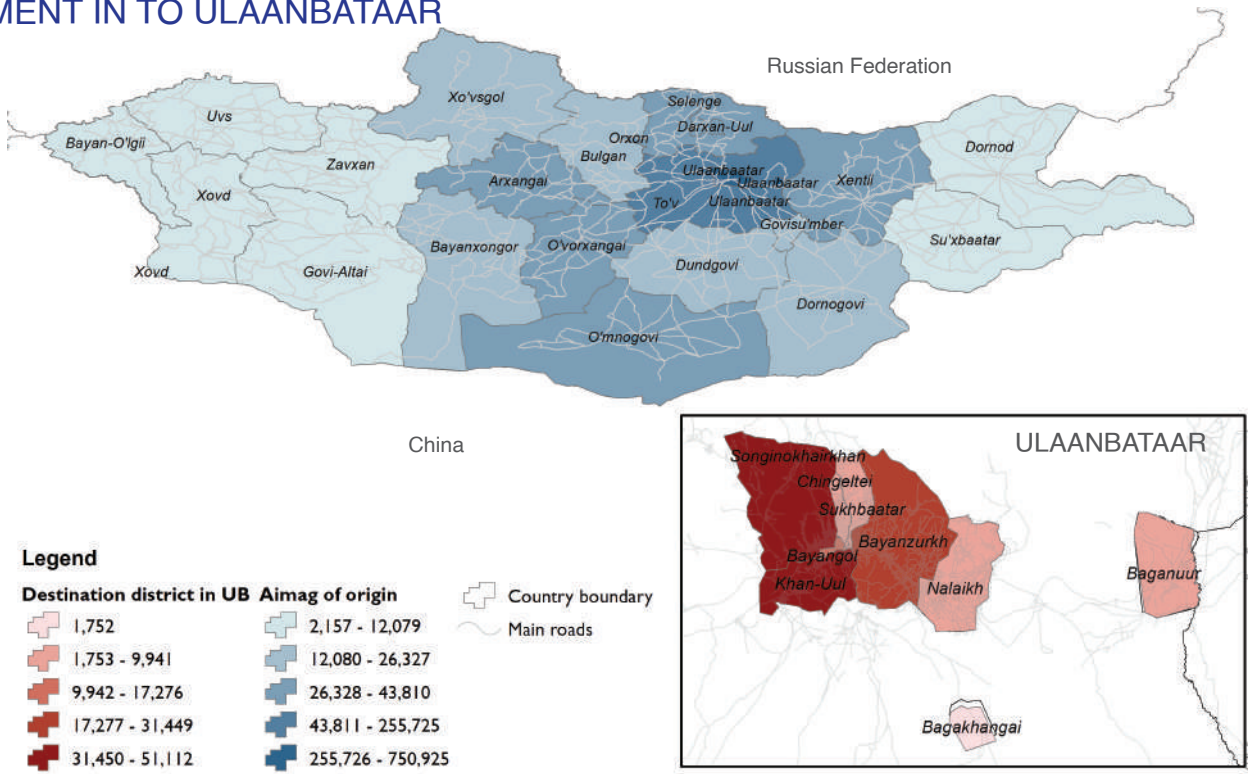
MOVEMENT THROUGH CHECKPOINTS



Checkpoint	OVERALL			21-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	388,763	184,545	204,218	2,801	1,326	1,475
Ulziit	311,114	161,938	149,176	4,779	2,158	2,621
Nalaikh	615,410	308,996	306,414	7,871	4,087	3,784
Morin	456,245	227,953	228,292	9,024	4,158	4,866
Emeelt	698,396	375,463	322,933	17,362	9,743	7,619
Gunt	351,566	175,905	175,661	4,573	2,367	2,206
Total	2,821,494	1,434,800	1,386,694	46,410	23,839	22,571



MOVEMENT IN TO ULAANBATAAR



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

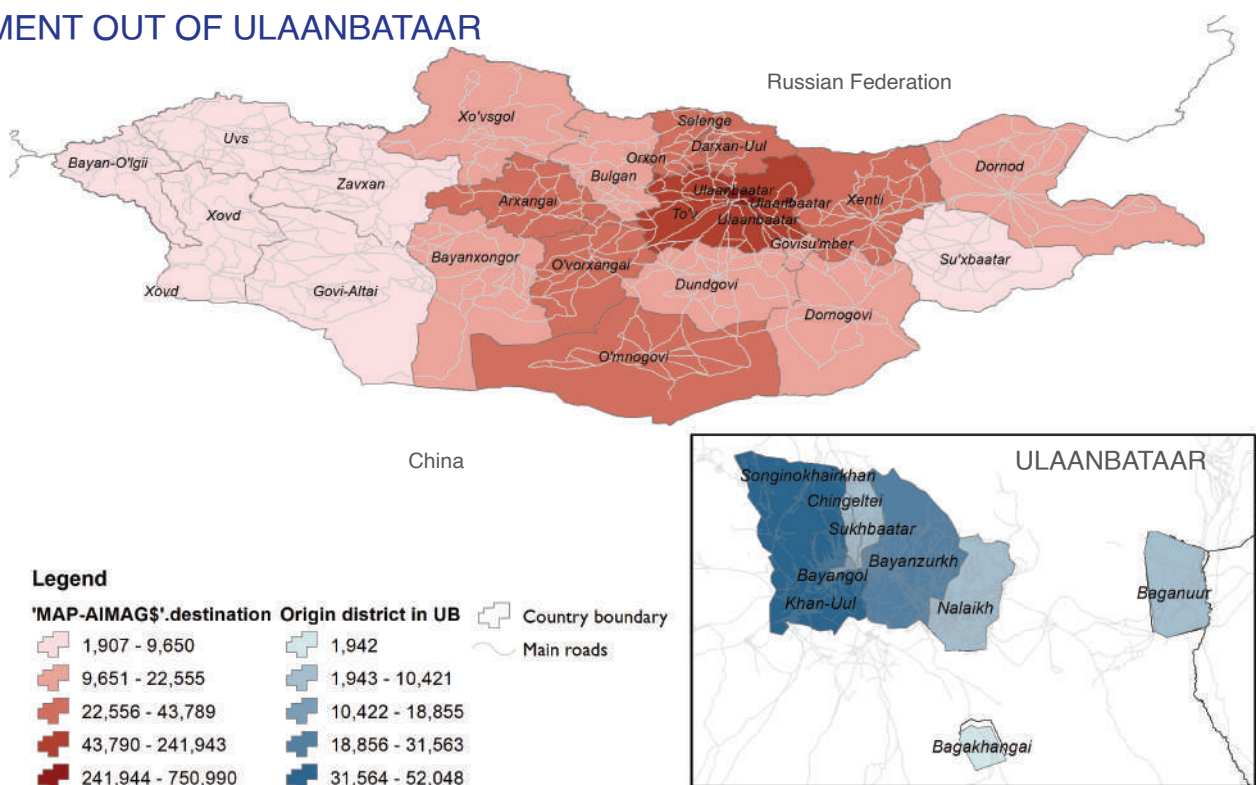
DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	3,489	8,467	26,944	46,060	95,052	32,765	221,784	54,440	231,165	30,759	750,925
Arkhangai	164	16	59	5,909	7,486	2,439	3,726	156	11,690	2,079	33,724
Bayankhongor	87	18	51	2,396	3,461	1,106	1,768	150	6,326	1,138	16,501
Bayan-Ulgii	23	-	1	278	512	87	115	23	923	195	2,157
Bulgan	192	22	46	4,814	6,326	1,912	3,267	107	8,055	1,586	26,327
Darkhan-Uul	250	40	115	6,816	8,421	2,303	4,841	327	17,982	2,715	43,810
Dornod	97	31	15	1,293	5,888	834	1,391	73	1,387	1,070	12,079
Dornogobi	299	35	63	3,531	7,975	1,042	2,551	224	2,630	1,523	19,873
Dundgobi	123	19	49	3,249	7,695	1,197	3,961	76	4,038	1,678	22,085
Gobi-Altai	41	11	36	921	1,672	432	710	29	3,067	450	7,369
Gobisumber	226	9	85	2,222	7,618	691	1,531	182	1,511	1,108	15,183
Khentii	164	32	31	2,823	17,026	1,596	2,766	261	2,776	2,351	29,826
Khovd	10	-	12	795	1,451	318	805	43	3,270	257	6,961
Khuvsgul	98	35	85	3,096	4,143	1,166	2,072	88	6,287	1,290	18,360
Orkhon	141	4	110	5,919	6,761	1,509	4,368	190	9,212	2,085	30,299
Selenge	156	34	161	9,600	9,729	2,899	5,137	358	11,153	3,092	42,319
Sukhbaatar	62	34	26	939	5,661	512	800	97	901	798	9,830
Tuv	1,483	207	805	39,015	54,885	17,642	45,099	5,092	72,795	18,702	255,725
Umnugobi	137	7	86	4,059	7,445	1,357	7,489	147	6,790	1,931	29,448
Uvurkhangai	196	57	111	5,933	8,280	2,300	5,101	216	15,003	2,175	39,372
Zavkhan	70	14	23	1,924	3,184	682	1,349	71	3,798	908	12,023
Uvs	32	5	21	913	1,834	442	810	91	3,221	416	7,785
?	69	12	44	440	891	125	520	220	680	264	3,265
TOTAL	7,609	9,109	28,979	152,945	273,396	75,356	321,961	62,661	424,660	78,570	1,435,246

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	336	42	5,944	53	4,321	2,013	2,905	165	10,489	1,721	27,989
Bayankhongor	91	21	2,500	79	1,958	884	1,484	91	5,972	862	13,942
Bayan-Ulgii	2	-	482	-	335	86	129	12	735	126	1,907
Bulgan	227	1	4,977	47	3,765	1,661	2,705	59	7,747	1,366	22,555
Darkhan-Uul	139	18	7,146	123	5,892	2,165	4,298	250	21,328	2,430	43,789
Dornod	77	8	6,590	12	1,227	752	1,344	133	1,230	912	12,285
Dornogobi	138	13	8,845	133	3,688	1,291	2,757	174	2,766	1,449	21,254
Dundgobi	93	17	7,427	76	2,751	1,181	3,897	113	4,326	1,706	21,587
Gobi-Altai	31	9	1,170	34	546	287	595	65	3,015	299	6,051
Gobisumber	84	6	7,397	68	1,932	720	1,382	175	1,424	858	14,046
Khentii	141	23	16,433	32	2,658	1,410	2,214	215	2,350	2,007	27,483
Khovd	24	-	1,136	10	619	218	592	54	2,695	267	5,615
Khuvsgul	80	10	2,989	23	1,896	891	1,657	63	6,196	860	14,665
Orkhon	136	11	5,639	104	5,302	1,554	3,784	175	10,453	1,635	28,793
Selenge	86	19	8,421	170	8,838	2,584	4,653	425	12,098	2,667	39,961
Sukhbaatar	66	15	5,768	16	677	465	814	63	911	855	9,650
Tuv	1,270	143	52,354	781	35,755	16,446	41,488	4,812	71,236	17,658	241,943
Umnugobi	93	20	8,368	137	4,348	1,802	7,557	186	7,280	2,443	32,234
Uvs	27	7	1,063	25	560	318	525	39	2,283	298	5,145
Uvurkhangai	221	49	6,089	93	4,653	1,650	3,998	112	13,338	1,798	32,001
Zavkhan	70	15	2,069	20	1,274	480	1,000	97	3,707	520	9,252
?	232	13	855	67	385	194	941	337	985	227	4,236
TOTAL	3,664	460	163,662	2,103	93,380	39,052	90,719	7,815	192,564	42,964	636,383