

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

1,949,288

cumulative movements tracked by DTM flow monitoring points (FMP)

45,936 ↓

Movements tracked in the past 24 hrs

10,196 (R)
43,634 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

52%
52%



WOMEN

31%
31%



BOYS

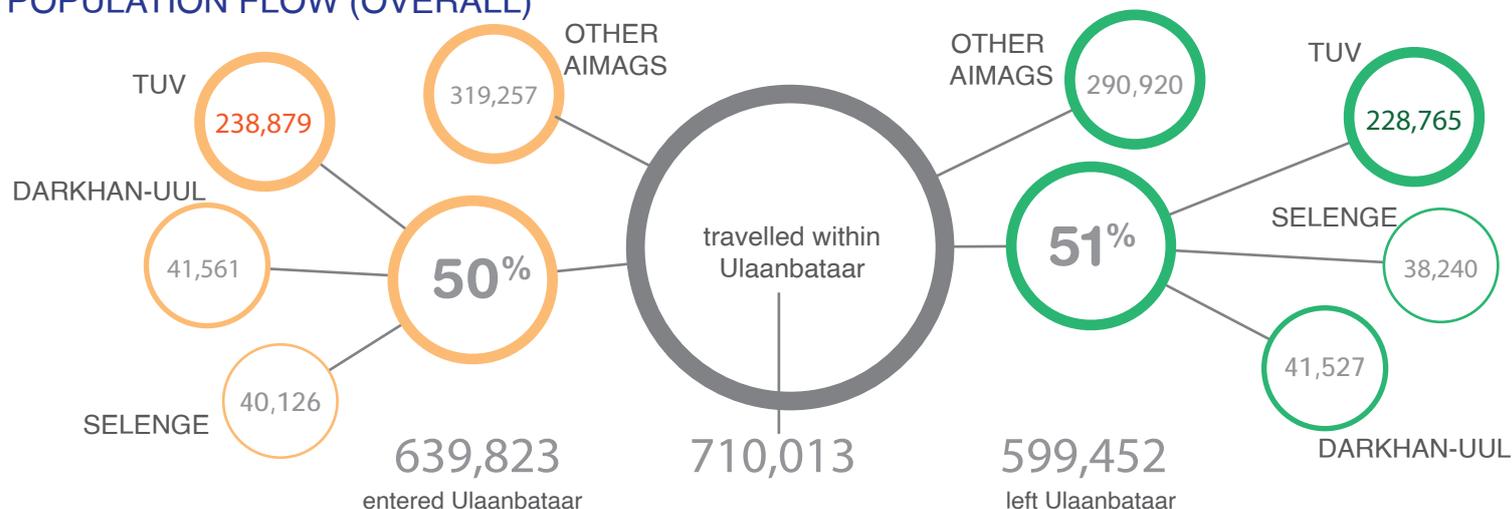
10%
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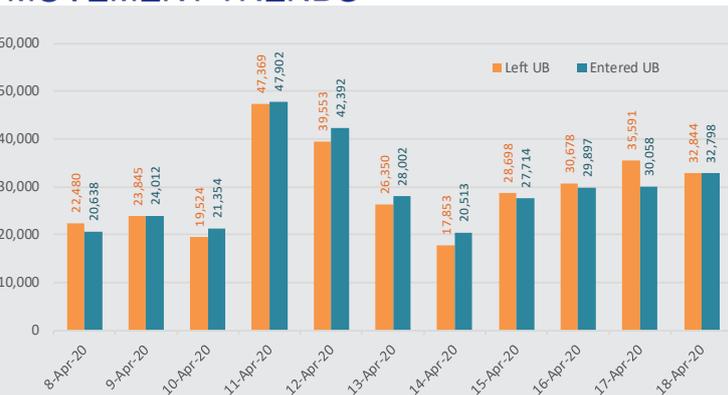
GIRLS

8%
8%

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS

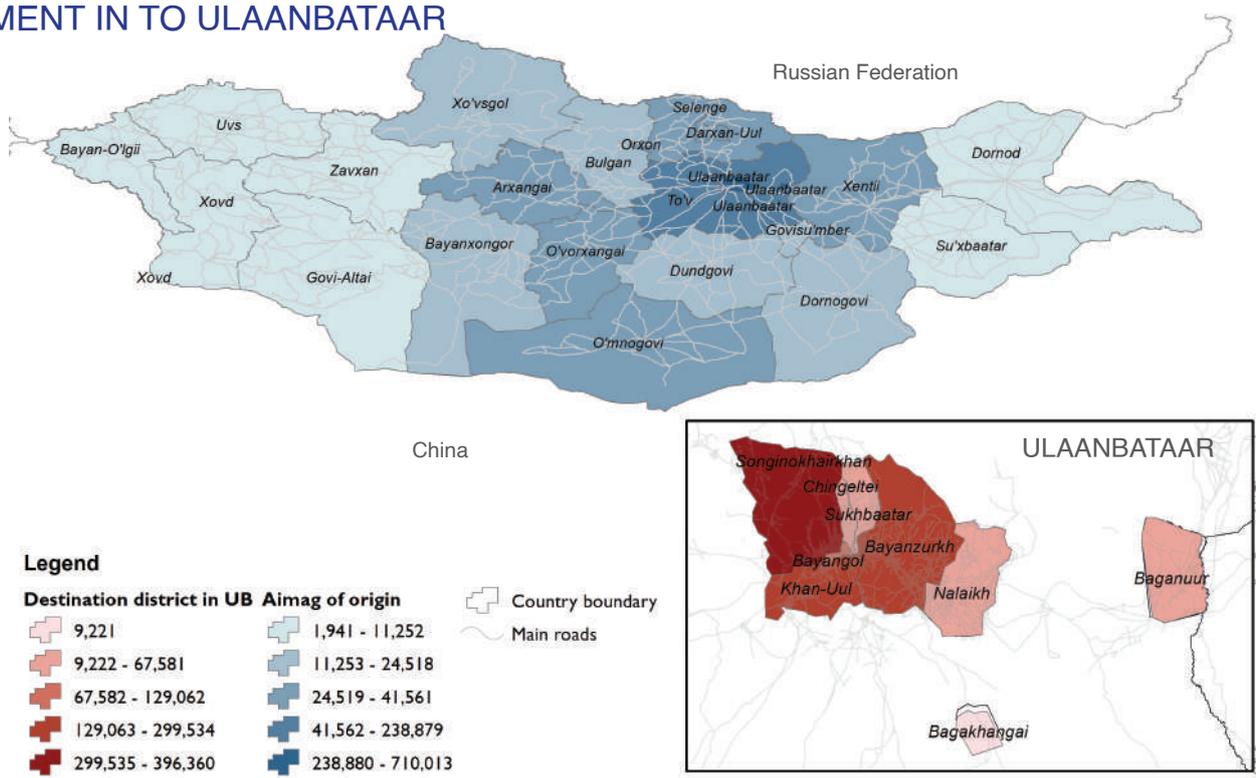


MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			18-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	377,474	179,351	198,123	6,477	2,761	3,716
Ulziit	294,074	152,184	141,890	5,169	3,255	1,914
Nalaikh	578,159	289,395	288,764	15,058	6,878	8,180
Morin	427,135	213,748	213,387	13,092	6,560	6,532
Emeelt	655,307	351,950	303,357	7,253	4,103	3,150
Gunt	326,575	162,973	163,602	18,593	9,241	9,352
Total	2,658,724	1,349,601	1,309,123	65,642	32,798	32,844



MOVEMENT IN TO ULAANBATAAR



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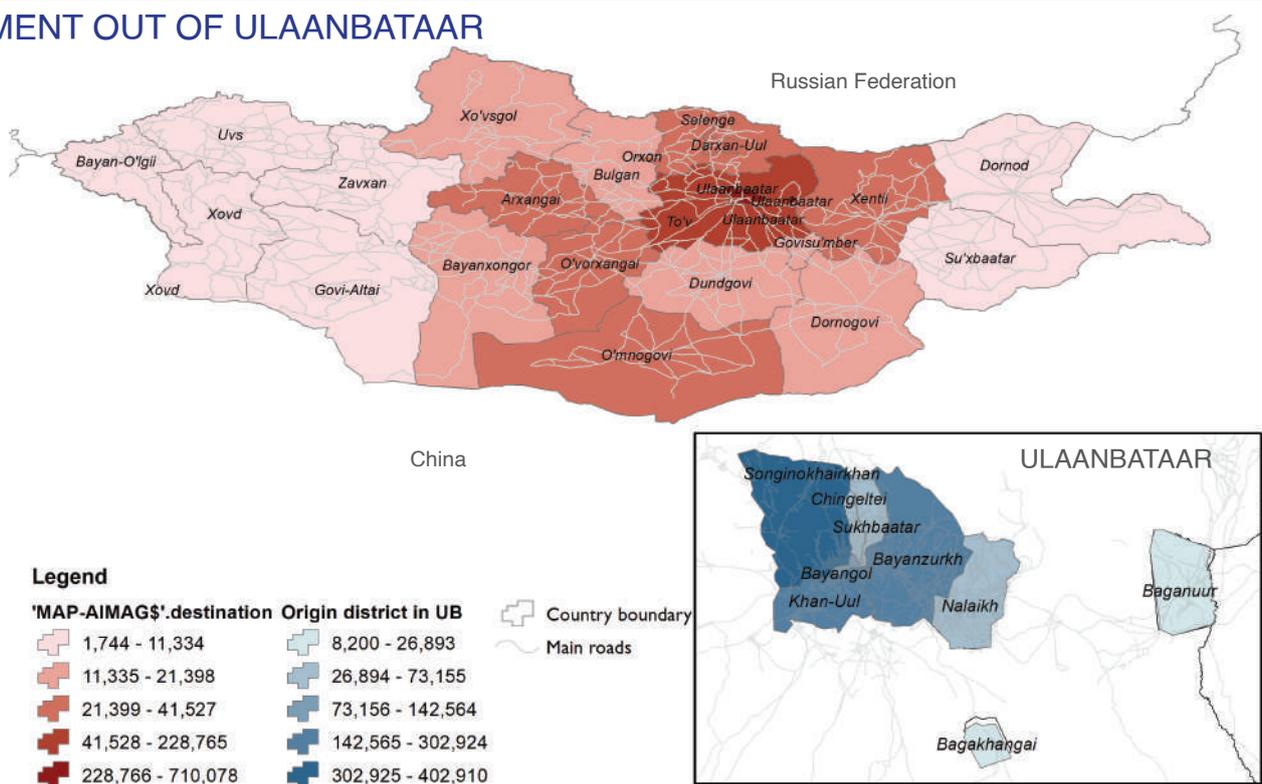
DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	3,095	7,580	24,842	43,492	90,632	30,394	208,650	52,217	219,773	29,338	710,013
Arkhangai	142	12	55	5,587	6,961	2,257	3,486	153	10,949	1,925	31,527
Bayankhongor	78	13	48	2,197	3,206	1,050	1,627	133	5,933	1,076	15,361
Bayan-Ulgii	17	-	1	236	446	80	108	23	848	182	1,941
Bulgan	178	22	44	4,480	5,886	1,719	3,115	107	7,510	1,457	24,518
Darkhan-Uul	237	40	115	6,549	8,006	2,152	4,595	323	16,987	2,557	41,561
Dornod	88	17	10	1,206	5,475	774	1,272	62	1,309	990	11,203
Dornogobi	226	33	63	3,197	7,350	937	2,263	194	2,476	1,372	18,111
Dundgobi	106	19	36	3,053	7,146	1,124	3,750	65	3,788	1,584	20,671
Gobi-Altai	39	11	34	885	1,602	420	685	29	2,784	432	6,921
Gobisumber	160	9	75	2,058	7,075	629	1,418	161	1,396	1,029	14,010
Khentii	138	16	23	2,619	15,663	1,464	2,554	225	2,595	2,196	27,493
Khovd	10	-	12	754	1,381	305	763	43	2,946	246	6,460
Khuvsgul	87	35	85	2,882	3,877	1,068	1,967	88	5,687	1,211	16,987
Orkhon	133	4	106	5,622	6,473	1,406	4,169	185	8,676	2,002	28,776
Selenge	152	34	160	9,001	9,292	2,772	4,850	353	10,557	2,955	40,126
Sukhbaatar	58	20	26	881	5,300	474	741	79	819	733	9,131
Tuv	1,344	191	748	36,419	51,265	16,561	42,242	4,342	68,319	17,448	238,879
Umnugobi	132	7	68	3,835	6,984	1,305	7,079	137	6,427	1,811	27,785
Uvurkhangai	167	53	111	5,562	7,708	2,174	4,782	199	13,993	1,976	36,725
Zavkhan	70	14	23	1,813	2,939	651	1,288	71	3,520	863	11,252
Uvs	28	5	21	878	1,767	417	755	90	2,925	395	7,281
?	68	12	40	438	869	110	446	205	663	253	3,104
TOTAL	6,753	8,147	26,746	143,644	257,303	70,243	302,605	59,484	400,880	74,031	1,349,836

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	5,588	50	4,034	1,876	2,774	156	9,768	1,621	26,245
Bayankhongor	89	21	2,305	79	1,814	826	1,421	83	5,547	819	13,004
Bayan-Ulgii	-	-	447	-	303	81	124	12	653	124	1,744
Bulgan	226	1	4,763	44	3,583	1,577	2,574	51	7,309	1,270	21,398
Darkhan-Uul	133	13	6,860	116	5,595	2,079	4,120	241	20,084	2,286	41,527
Dornod	75	8	6,031	2	1,154	715	1,287	105	1,144	813	11,334
Dornogobi	136	8	8,321	119	3,389	1,227	2,582	156	2,577	1,355	19,870
Dundgobi	91	17	7,047	76	2,636	1,165	3,756	102	4,126	1,643	20,659
Gobi-Altai	31	9	1,106	29	502	263	539	60	2,632	282	5,453
Gobisumber	84	6	6,774	60	1,800	672	1,255	128	1,341	802	12,922
Khentii	141	12	15,400	29	2,499	1,337	2,070	185	2,219	1,896	25,788
Khovd	24	-	1,079	10	587	205	568	51	2,431	259	5,214
Khuvsgul	80	10	2,796	18	1,787	827	1,580	61	5,679	804	13,642
Orkhon	130	11	5,292	104	4,991	1,511	3,596	162	9,863	1,539	27,199
Selenge	83	19	8,078	167	8,389	2,491	4,474	408	11,552	2,579	38,240
Sukhbaatar	60	11	5,452	14	649	440	788	47	866	802	9,129
Tuv	1,243	139	49,602	721	33,966	15,625	39,207	4,101	67,552	16,609	228,765
Umnugobi	89	20	8,046	128	4,163	1,746	7,310	165	6,934	2,331	30,932
Uvs	27	7	1,012	25	515	296	483	39	1,989	269	4,662
Uvurkhangai	212	49	5,729	91	4,385	1,566	3,781	110	12,257	1,722	29,902
Zavkhan	70	11	1,901	20	1,172	443	913	93	3,413	494	8,530
?	163	13	787	63	331	174	349	319	895	199	3,293
TOTAL	3,523	427	154,416	1,965	88,244	37,142	85,551	6,835	180,831	40,518	599,452