

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

841,498

cumulative movements tracked by DTM flow monitoring points (FMP)

36,263 ↓

Movements tracked in the past 24 hrs

10,196 (R)
45,414 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

51%

50%



WOMEN

31%

32%



BOYS

10%

10%

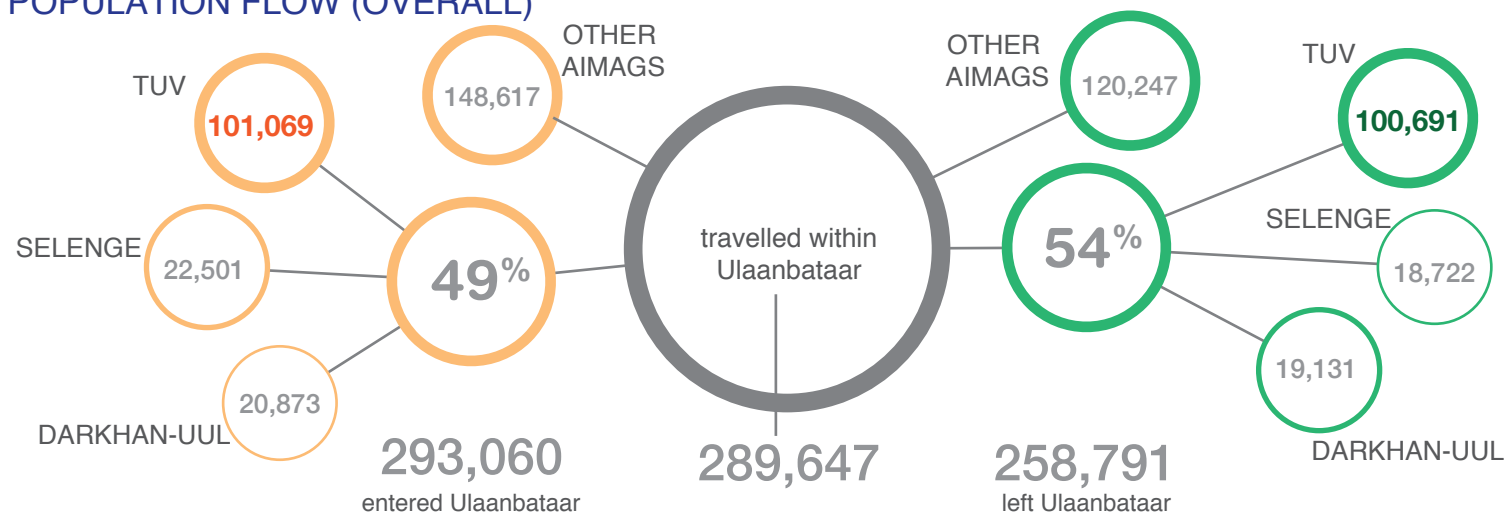


GIRLS

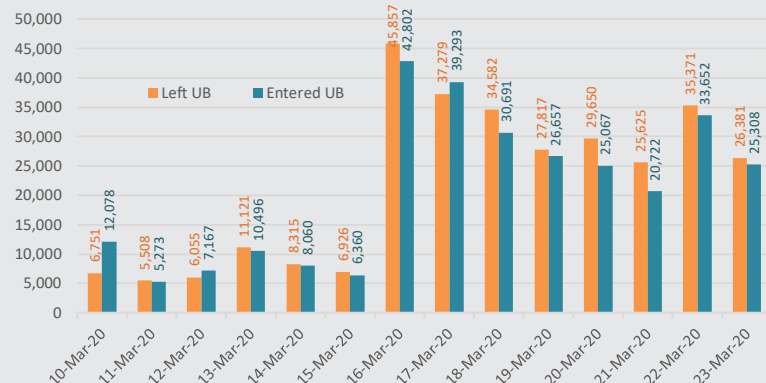
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8%

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS

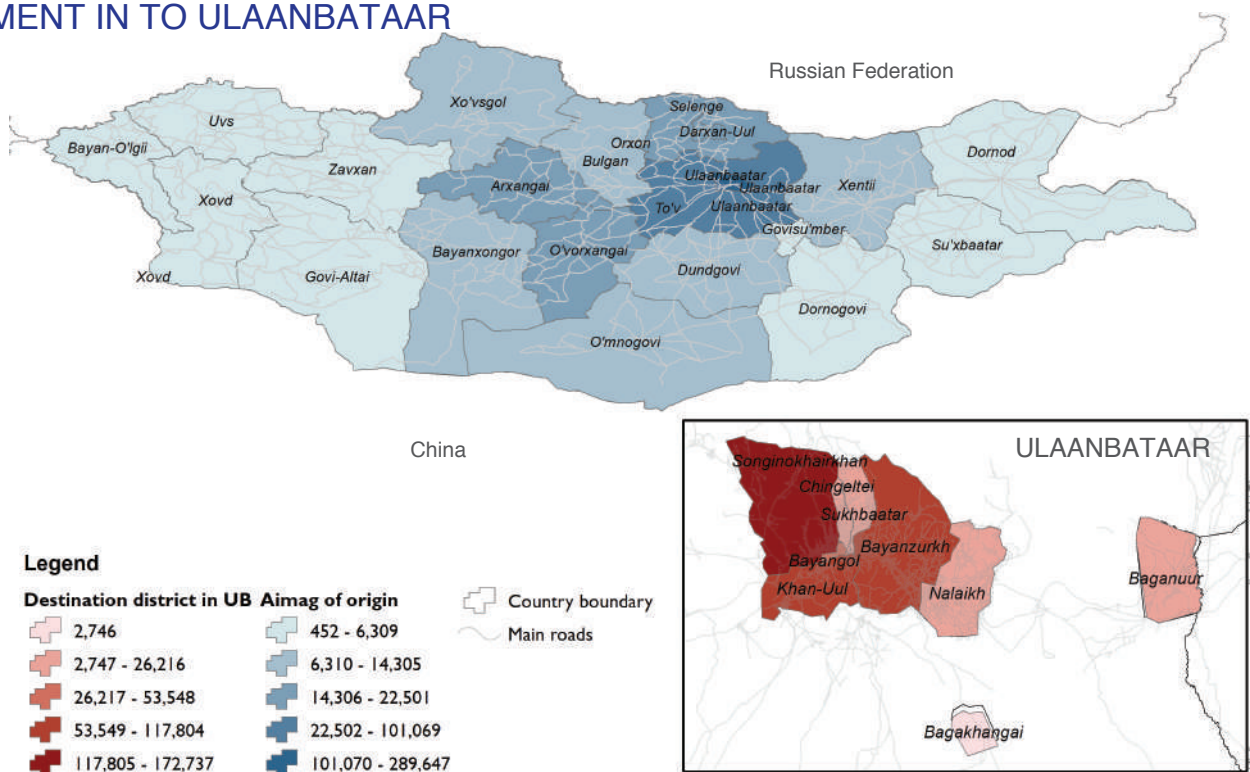


MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			23-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	318,668	179,566	139,102	9,021	3,647	5,374
Baruunturuun	214,548	105,044	109,504	7,587	3,568	4,019
Nalaikh	194,852	97,333	97,519	10,784	5,426	5,358
Morin	167,893	84,107	83,786	12,921	6,458	6,463
Ulziit	130,393	62,303	68,090	5,906	3,270	2,636
Gunt	104,697	54,342	50,355	5,470	2,939	2,531
Total	1,131,051	582,695	548,356	51,689	25,308	26,381



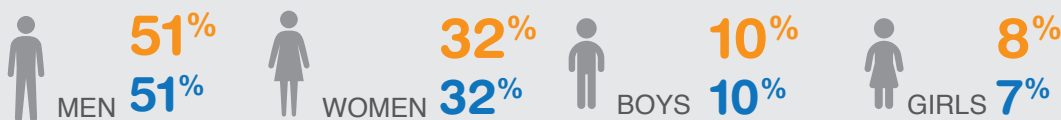
MOVEMENT IN TO ULAANBATAAR



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

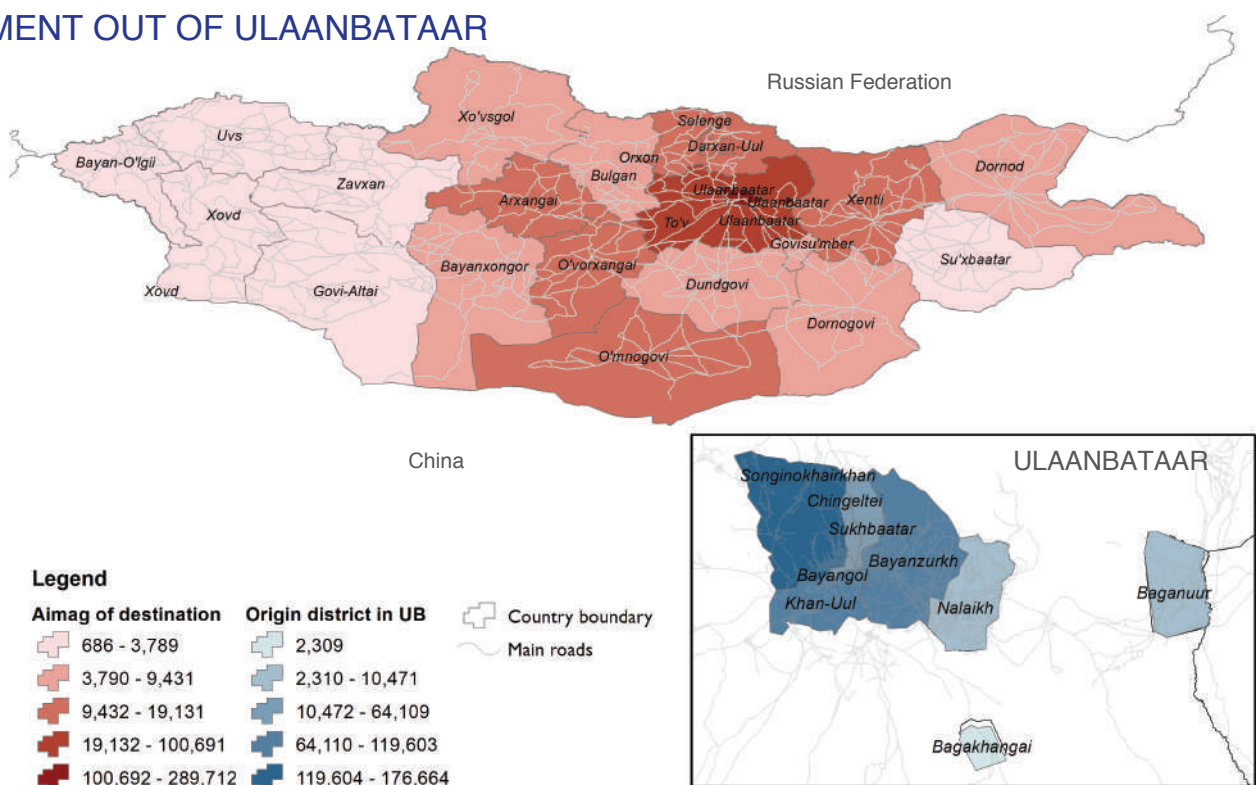
DEMOGRAPHICS

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	760	2,105	8,479	18,446	34,187	12,267	83,933	14,226	103,478	11,766	289,647
Arkhangai	49	10	24	2,921	3,805	1,229	1,798	92	5,703	1,066	16,697
Bayankhongor	34	1	23	1,060	1,665	506	807	75	2,868	563	7,602
Bayan-Ulgii	4	-	-	51	113	24	21	6	174	59	452
Bulgan	73	18	29	2,281	3,107	941	1,672	56	3,666	808	12,651
Darkhan-Uul	59	20	55	3,527	4,354	1,201	2,456	221	7,654	1,326	20,873
Dornod	7	3	-	536	2,238	378	475	7	643	465	4,752
Dornogobi	21	6	3	1,183	2,579	338	691	17	949	522	6,309
Dundgobi	30	-	5	1,379	2,966	543	1,643	6	1,788	688	9,048
Gobi-Altai	8	11	29	539	903	237	310	11	1,334	256	3,638
Gobisumber	18	3	12	869	2,802	255	545	5	581	465	5,555
Khentii	15	3	11	1,167	6,340	769	940	8	1,059	956	11,268
Khovd	5	-	9	369	712	168	404	38	1,047	107	2,859
Khuvsgul	30	18	61	1,719	2,223	588	1,096	43	2,650	676	9,104
Orkhon	53	-	38	2,549	3,389	798	2,012	127	4,284	1,055	14,305
Selenge	83	21	76	4,860	5,245	1,632	2,653	221	6,016	1,694	22,501
Sukhbaatar	17	4	14	402	2,244	168	254	15	345	276	3,739
Tuv	372	74	245	15,974	21,072	7,440	16,924	399	31,256	7,313	101,069
Umnugobi	49	5	25	1,488	2,612	509	2,463	43	2,687	607	10,488
Uvurkhangai	82	36	62	3,104	4,037	1,298	2,604	110	6,732	1,035	19,100
Zavkhan	24	3	4	1,014	1,707	375	718	27	1,709	462	6,043
Uvs	17	5	4	509	949	235	413	42	1,576	191	3,941
?	18	3	-	141	322	42	138	40	257	105	1,066
TOTAL	1,828	2,349	9,208	66,088	109,571	31,941	124,970	15,835	188,456	32,461	582,707

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



51%
 49%



30%
 30%



11%
 11%



9%
 9%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	106	-	2,329	29	1,762	864	1,114	59	4,148	764	11,175
Bayankhongor	63	3	873	59	609	330	580	50	2,176	339	5,082
Bayan-Ulgii	-	-	175	-	156	23	31	-	274	27	686
Bulgan	75	1	2,126	19	1,673	718	1,063	20	3,150	586	9,431
Darkhan-Uul	44	11	3,287	42	2,686	960	1,870	149	9,021	1,061	19,131
Dornod	14	8	2,634	2	463	383	534	9	590	355	4,992
Dornogobi	47	-	3,592	23	1,425	563	1,020	1	1,120	523	8,314
Dundgobi	32	7	2,581	9	1,062	489	1,522	24	1,714	626	8,066
Gobi-Altai	21	9	329	17	165	107	188	6	1,067	127	2,036
Gobisumber	11	-	2,645	13	706	287	462	4	580	344	5,052
Khentii	30	4	6,555	8	1,152	665	854	4	1,031	896	11,199
Khovd	10	-	426	4	175	76	239	33	857	92	1,912
Khuvsgul	26	3	1,098	8	724	276	656	12	2,092	294	5,189
Orkhon	50	6	2,482	67	2,066	756	1,716	92	4,766	724	12,725
Selenge	27	12	4,025	98	3,963	1,229	2,180	268	5,725	1,195	18,722
Sukhbaatar	10	-	2,198	2	281	203	323	-	398	374	3,789
Tuv	402	52	20,560	202	15,542	7,061	17,769	394	31,548	7,161	100,691
Umnugobi	36	11	3,442	47	1,622	759	2,888	63	3,163	945	12,976
Uvs	15	7	357	-	128	98	189	25	644	102	1,565
Uvurkhangai	87	18	2,454	41	1,838	653	1,524	47	4,844	737	12,243
Zavkhan	25	5	693	12	399	155	287	20	1,241	141	2,978
?	44	-	137	13	90	64	93	27	329	40	837
TOTAL	1,175	157	64,998	715	38,687	16,719	37,102	1,307	80,478	17,453	258,791