

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

1,635,652

cumulative movements tracked by DTM flow monitoring points (FMP)

63,916 ↑

Movements tracked in the past 24 hrs

10,196 (R)
43,393 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

51%
51%



WOMEN

31%
32%



BOYS

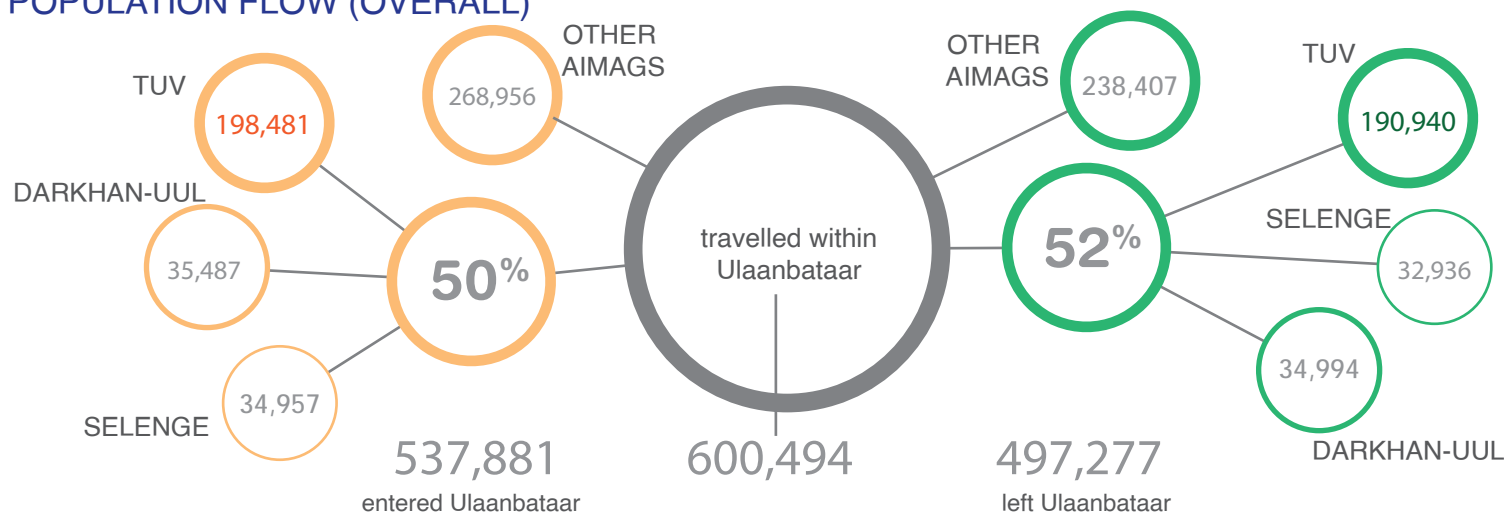
10%
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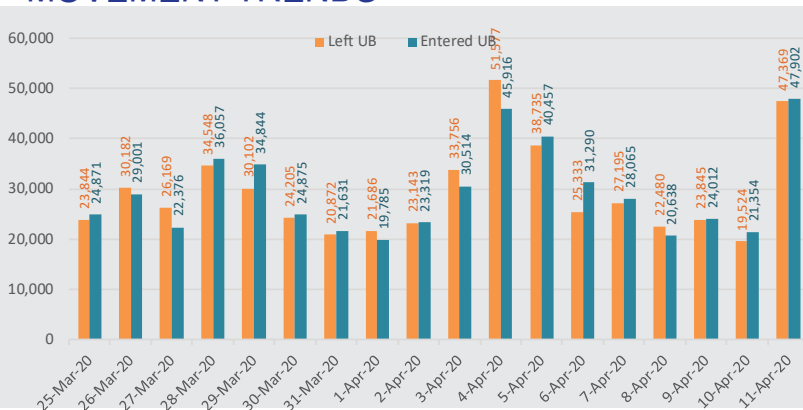
GIRLS

8%
7%

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS

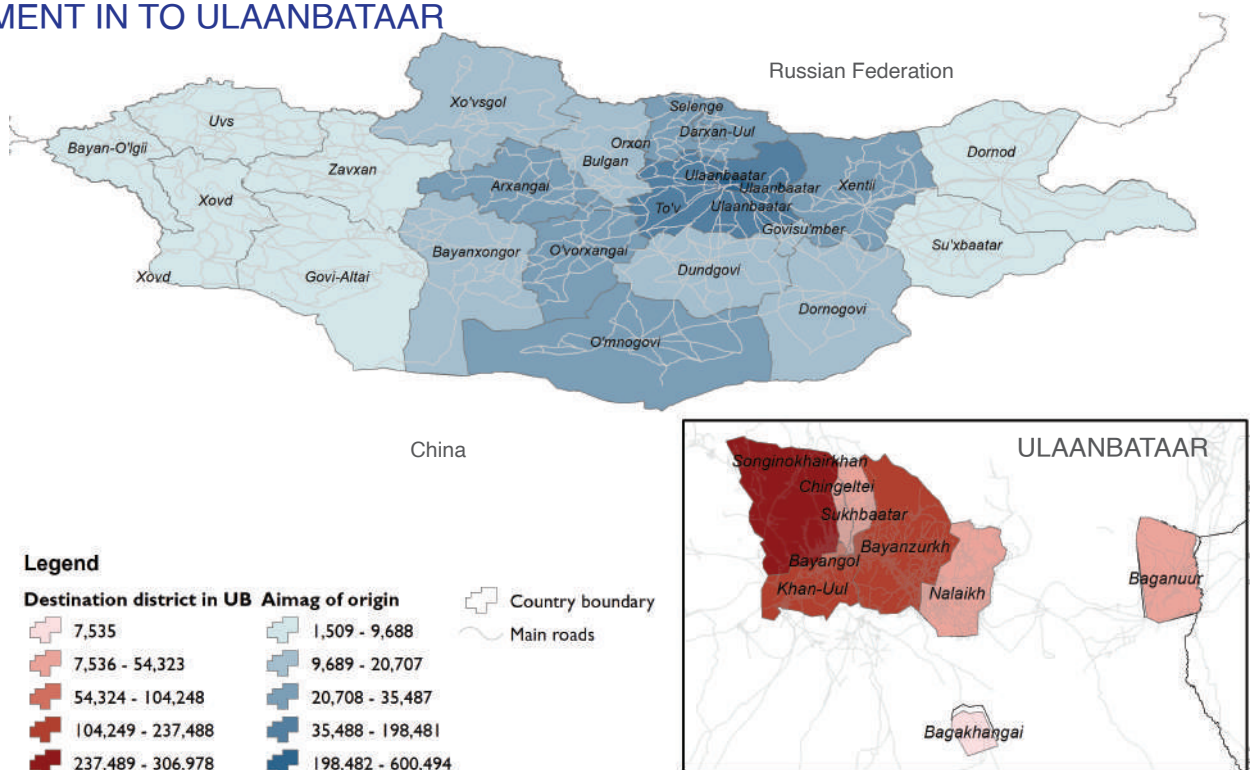


MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			11-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	338,561	161,993	176,568	5,849	2,220	3,629
Ulziit	248,492	127,878	120,614	9,870	5,371	4,499
Nalaikh	505,204	253,223	251,981	20,607	10,158	10,449
Morin	346,377	173,326	173,051	37,205	18,556	18,649
Emeelt	543,769	295,418	248,351	7,812	5,140	2,672
Gunt	253,380	126,389	126,991	13,928	6,457	7,471
Total	2,235,783	1,138,227	1,097,556	95,271	47,902	47,369



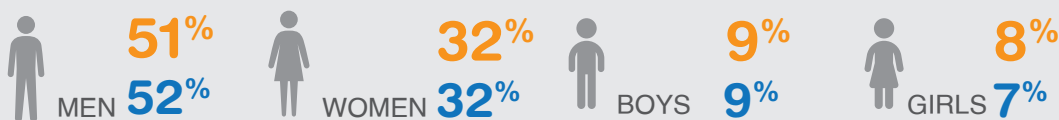
MOVEMENT IN TO ULAANBATAAR



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

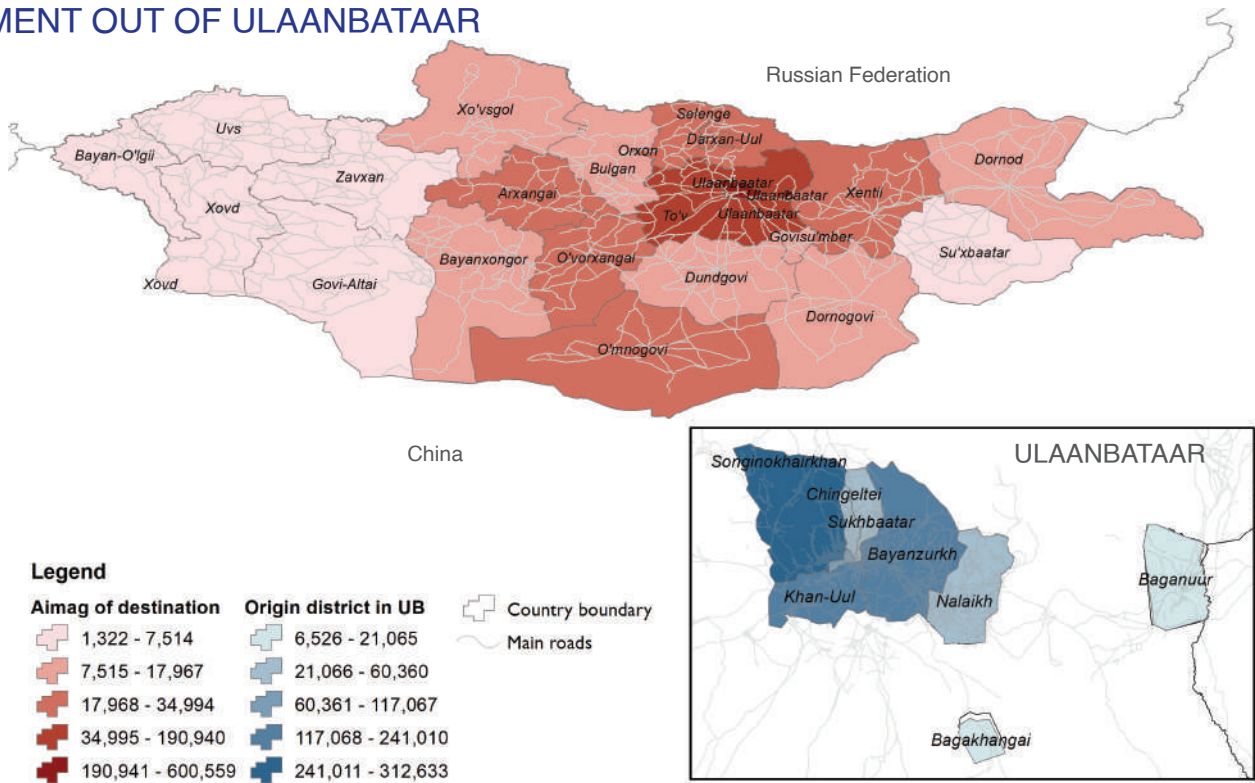
DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	2,128	6,116	19,907	36,274	79,177	25,152	171,825	49,983	184,937	24,995	600,494
Arkhangai	123	12	49	4,717	6,014	1,863	2,943	138	9,201	1,678	26,738
Bayankhongor	57	10	48	1,825	2,749	897	1,364	122	5,010	927	13,009
Bayan-Ulgii	10	-	-	202	353	68	86	12	634	144	1,509
Bulgan	164	22	39	3,808	5,039	1,450	2,609	68	6,283	1,225	20,707
Darkhan-Uul	212	34	108	5,619	6,915	1,847	3,956	294	14,295	2,207	35,487
Dornod	61	17	10	1,070	4,528	656	1,037	49	1,079	815	9,322
Dornogobi	90	15	52	2,726	6,143	799	1,874	134	2,158	1,187	15,178
Dundgobi	74	13	19	2,591	5,985	940	3,147	48	3,173	1,370	17,360
Gobi-Altai	23	11	31	703	1,328	332	586	27	2,304	365	5,710
Gobisumber	56	9	48	1,807	5,983	575	1,214	118	1,179	913	11,902
Khentii	91	6	20	2,272	12,968	1,277	2,109	142	2,240	1,814	22,939
Khovd	7	-	12	637	1,199	283	656	40	2,342	184	5,360
Khuvsgul	65	25	78	2,537	3,345	837	1,710	74	4,886	972	14,529
Orkhon	110	4	89	4,679	5,521	1,277	3,505	174	7,391	1,773	24,523
Selenge	131	34	147	7,675	8,209	2,467	4,152	314	9,268	2,560	34,957
Sukhbaatar	56	14	23	690	4,319	385	613	59	669	573	7,401
Tuv	929	166	528	30,564	42,725	13,790	34,827	2,896	57,387	14,669	198,481
Umnugobi	112	5	43	3,244	5,935	1,112	5,720	96	5,639	1,502	23,408
Uvurkhangai	137	51	78	4,756	6,398	1,894	4,111	171	11,634	1,735	30,965
Zavkhan	52	10	13	1,518	2,560	558	1,103	57	3,046	771	9,688
Uvs	18	5	18	739	1,554	343	626	89	2,450	329	6,171
?	46	8	19	336	724	102	354	184	565	199	2,537
TOTAL	4,752	6,587	21,379	120,989	219,671	58,904	250,127	55,289	337,770	62,907	1,138,375

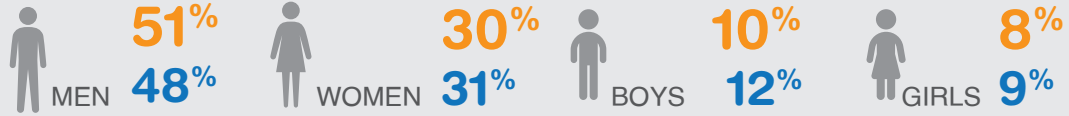
MOVEMENT OUT OF ULAANBATAAR



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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	302	15	4,506	36	3,388	1,507	2,278	143	8,025	1,322	21,522
Bayankhongor	86	18	1,745	78	1,375	650	1,134	62	4,390	620	10,158
Bayan-Ulgii	-	-	342	-	225	51	84	4	529	87	1,322
Bulgan	203	1	3,998	31	3,060	1,379	2,179	34	6,010	1,072	17,967
Darkhan-Uul	115	13	5,833	88	4,780	1,729	3,539	223	16,723	1,951	34,994
Dornod	63	8	4,912	2	902	632	1,042	52	957	678	9,248
Dornogobi	69	5	7,088	81	2,824	1,054	2,241	108	2,249	1,135	16,854
Dundgobi	74	17	5,819	70	2,239	1,005	3,195	68	3,504	1,356	17,347
Gobi-Altai	31	9	856	18	353	225	458	49	2,102	221	4,322
Gobisumber	50	-	5,709	35	1,495	582	999	85	1,148	679	10,782
Khentii	111	8	12,565	22	2,131	1,122	1,744	109	1,876	1,588	21,276
Khovd	13	-	837	7	434	141	438	38	1,858	205	3,971
Khuvsgul	62	3	2,231	16	1,370	604	1,291	54	4,533	610	10,774
Orkhon	117	9	4,430	92	4,051	1,257	2,953	138	8,092	1,328	22,467
Selenge	69	17	7,062	145	7,051	2,156	3,875	396	9,962	2,203	32,936
Sukhbaatar	36	6	4,413	6	524	387	671	26	780	665	7,514
Tuv	1,102	117	41,254	548	28,584	13,085	32,765	2,641	56,973	13,871	190,940
Umnugobi	72	20	6,765	91	3,511	1,445	6,063	119	6,181	1,972	26,239
Uvs	26	7	788	18	350	214	367	31	1,545	198	3,544
Uvurkhangai	208	24	4,650	67	3,575	1,242	3,128	83	9,883	1,363	24,223
Zavkhan	70	11	1,442	17	828	381	682	66	2,529	361	6,387
?	123	10	601	46	256	133	250	256	652	163	2,490
TOTAL	3,002	318	127,846	1,514	73,306	30,981	71,376	4,785	150,501	33,648	497,277