

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

1,995,538

cumulative movements tracked by DTM flow monitoring points (FMP)

46,250 ↑

Movements tracked in the past 24 hrs

10,196 (R)
43,696 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



52%
51%
MEN



31%
32%
WOMEN

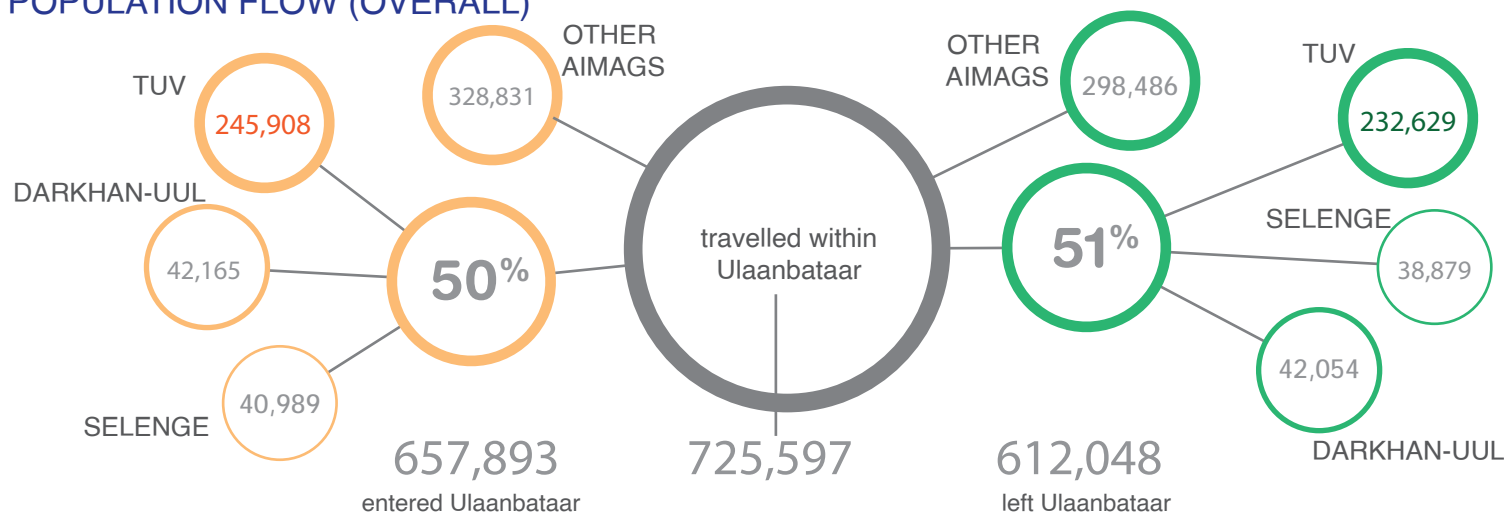


10%
10%
BOYS

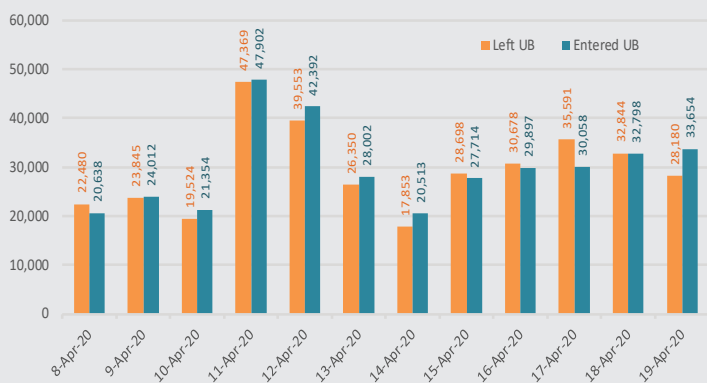


8%
7%
GIRLS

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS

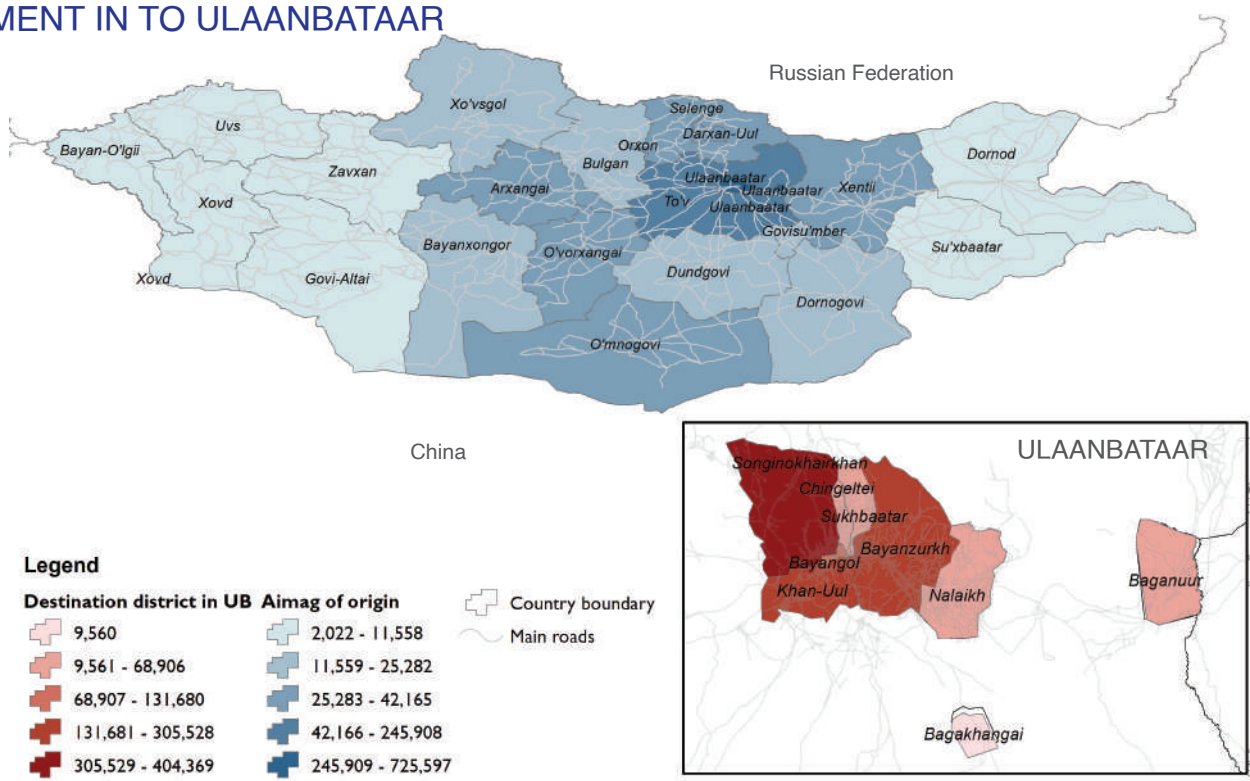


MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			19-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	380,733	180,831	199,902	3,259	1,480	1,779
Ulziit	299,407	156,149	143,258	5,333	3,965	1,368
Nalaikh	595,407	298,615	296,792	17,248	9,220	8,028
Morin	436,444	218,414	218,030	9,309	4,666	4,643
Emeelt	668,561	359,161	309,400	13,254	7,211	6,043
Gunt	340,006	170,085	169,921	13,431	7,112	6,319
Total	2,720,558	1,383,255	1,337,303	61,834	33,654	28,180



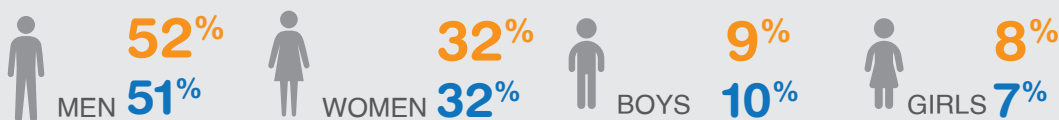
MOVEMENT IN TO ULAANBATAAR



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

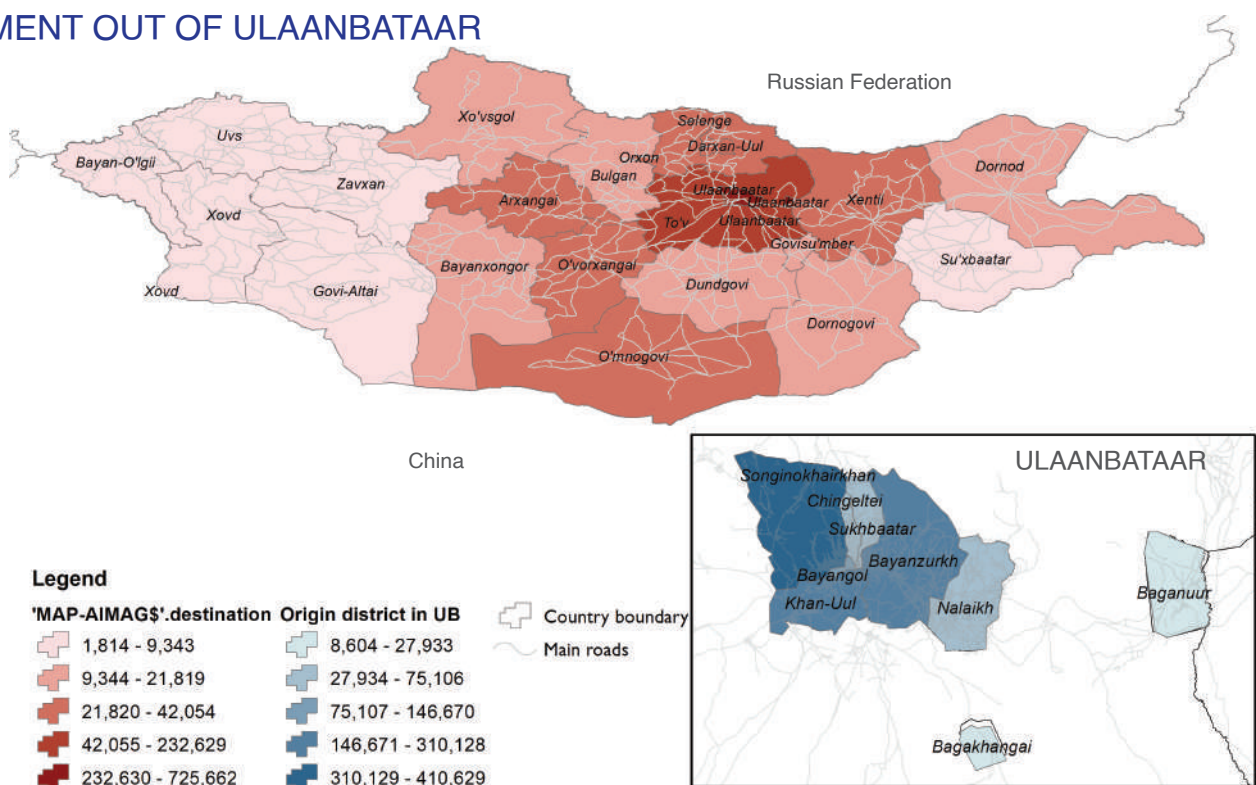
DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	3,251	7,975	25,858	44,658	92,682	31,820	213,417	53,174	222,757	30,005	725,597
Arkhangai	142	12	55	5,746	7,172	2,340	3,601	156	11,207	1,997	32,428
Bayankhongor	81	13	51	2,263	3,301	1,070	1,674	145	6,132	1,100	15,830
Bayan-Ulgii	17	-	1	253	484	85	112	23	856	191	2,022
Bulgan	182	22	46	4,623	6,084	1,780	3,200	107	7,711	1,527	25,282
Darkhan-Uul	243	40	115	6,629	8,116	2,234	4,674	323	17,202	2,589	42,165
Dornod	97	17	15	1,238	5,638	796	1,315	66	1,331	1,030	11,543
Dornogobi	288	35	63	3,347	7,693	979	2,435	216	2,562	1,449	19,067
Dundgobi	123	19	44	3,147	7,419	1,160	3,829	71	3,895	1,634	21,341
Gobi-Altai	39	11	36	890	1,633	420	685	29	2,903	434	7,080
Gobisumber	216	9	78	2,131	7,266	647	1,456	167	1,445	1,067	14,482
Khentii	151	16	23	2,731	16,173	1,507	2,637	236	2,710	2,264	28,448
Khovd	10	-	12	764	1,390	311	764	43	3,052	254	6,600
Khuvsgul	89	35	85	2,954	3,965	1,116	2,006	88	5,919	1,227	17,484
Orkhon	133	4	106	5,728	6,564	1,443	4,217	185	8,894	2,047	29,321
Selenge	152	34	161	9,244	9,456	2,840	4,948	356	10,785	3,013	40,989
Sukhbaatar	62	22	26	915	5,447	493	765	81	845	756	9,412
Tuv	1,441	196	764	37,662	53,010	17,041	43,372	4,596	69,867	17,959	245,908
Umnugobi	137	7	74	3,931	7,181	1,321	7,262	143	6,553	1,848	28,457
Uvurkhangai	168	53	111	5,744	7,919	2,230	4,935	207	14,329	2,063	37,759
Zavkhan	70	14	23	1,846	3,057	663	1,315	71	3,626	873	11,558
Uvs	29	5	21	895	1,789	422	779	90	3,105	407	7,542
?	69	12	40	440	874	125	479	209	668	259	3,175
TOTAL	7,190	8,551	27,808	147,779	264,313	72,843	309,877	60,782	408,354	75,993	1,383,490

MOVEMENT OUT OF ULAANBATAAR



DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



51%
52%



30%
31%



10%
10%



8%
8%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	336	42	5,752	50	4,143	1,939	2,824	163	10,145	1,655	27,049
Bayankhongor	89	21	2,364	79	1,853	855	1,441	83	5,667	827	13,279
Bayan-Ulgii	-	-	456	-	310	81	129	12	700	126	1,814
Bulgan	226	1	4,854	47	3,643	1,607	2,624	51	7,460	1,306	21,819
Darkhan-Uul	133	13	6,953	116	5,697	2,130	4,162	243	20,279	2,328	42,054
Dornod	77	8	6,197	5	1,186	726	1,325	113	1,177	865	11,679
Dornogobi	136	13	8,538	119	3,501	1,250	2,666	156	2,642	1,398	20,419
Dundgobi	93	17	7,141	76	2,651	1,172	3,775	107	4,226	1,663	20,921
Gobi-Altai	31	9	1,134	34	518	268	557	60	2,823	290	5,724
Gobisumber	84	6	7,026	67	1,873	690	1,282	132	1,369	834	13,363
Khentii	141	12	15,923	29	2,582	1,362	2,150	202	2,277	1,947	26,625
Khovd	24	-	1,094	10	601	212	584	51	2,544	259	5,379
Khuvsgul	80	10	2,892	19	1,864	862	1,620	63	5,854	825	14,089
Orkhon	136	11	5,412	104	5,115	1,537	3,689	171	10,102	1,584	27,861
Selenge	86	19	8,241	167	8,530	2,518	4,531	416	11,758	2,613	38,879
Sukhbaatar	63	11	5,567	14	661	459	801	59	894	814	9,343
Tuv	1,256	139	50,562	752	34,466	15,923	39,787	4,294	68,546	16,904	232,629
Umnugobi	89	20	8,086	131	4,193	1,757	7,369	169	7,074	2,346	31,234
Uvs	27	7	1,026	25	528	317	508	39	2,158	285	4,920
Uvurkhangai	214	49	5,855	91	4,477	1,608	3,856	112	12,782	1,739	30,783
Zavkhan	70	11	1,974	20	1,227	457	964	97	3,484	513	8,817
?	166	13	800	65	336	181	369	327	905	206	3,368
TOTAL	3,557	432	157,847	2,020	89,955	37,911	87,013	7,120	184,866	41,327	612,048