

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 dzud.

NUMBERS AT A GLANCE

718,669

cumulative movements tracked by DTM flow monitoring points (FMP)

42,312 ↑

Movements tracked in the past 24 hrs

10,196 (R)
46,531 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN



WOMEN

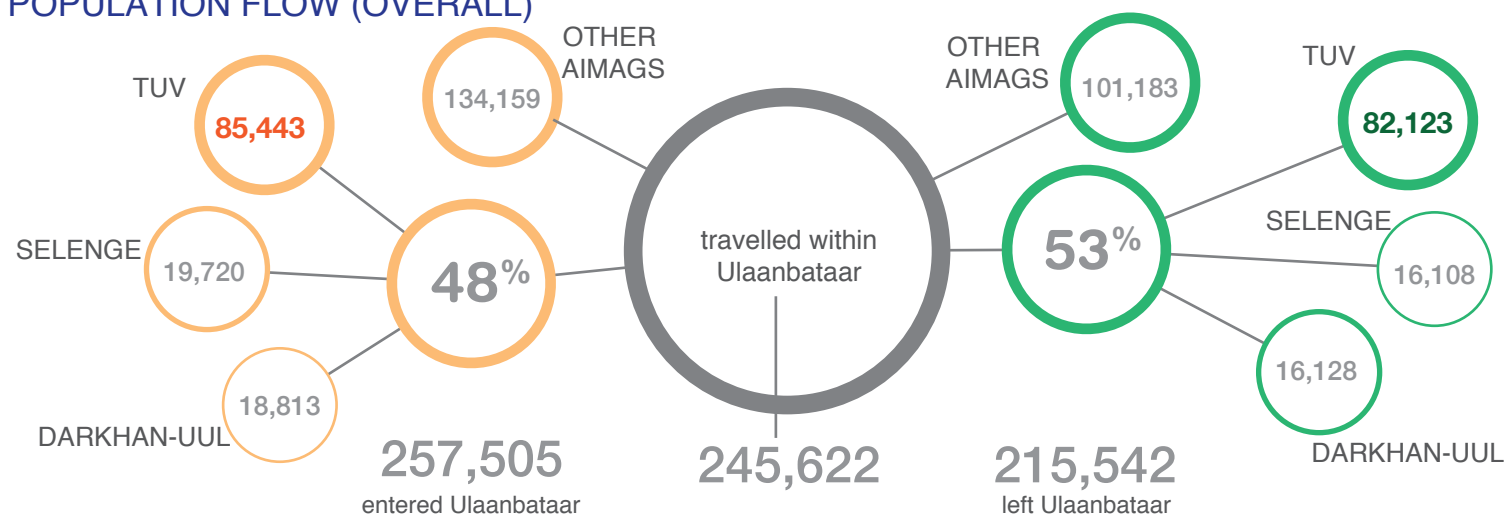


BOYS

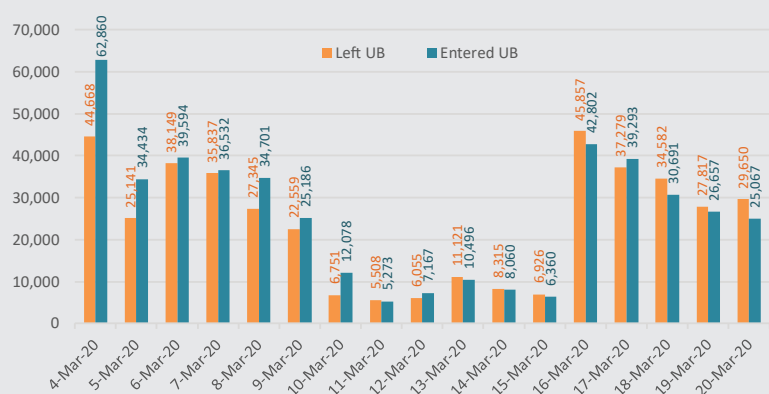


GIRLS

POPULATION FLOW (OVERALL)



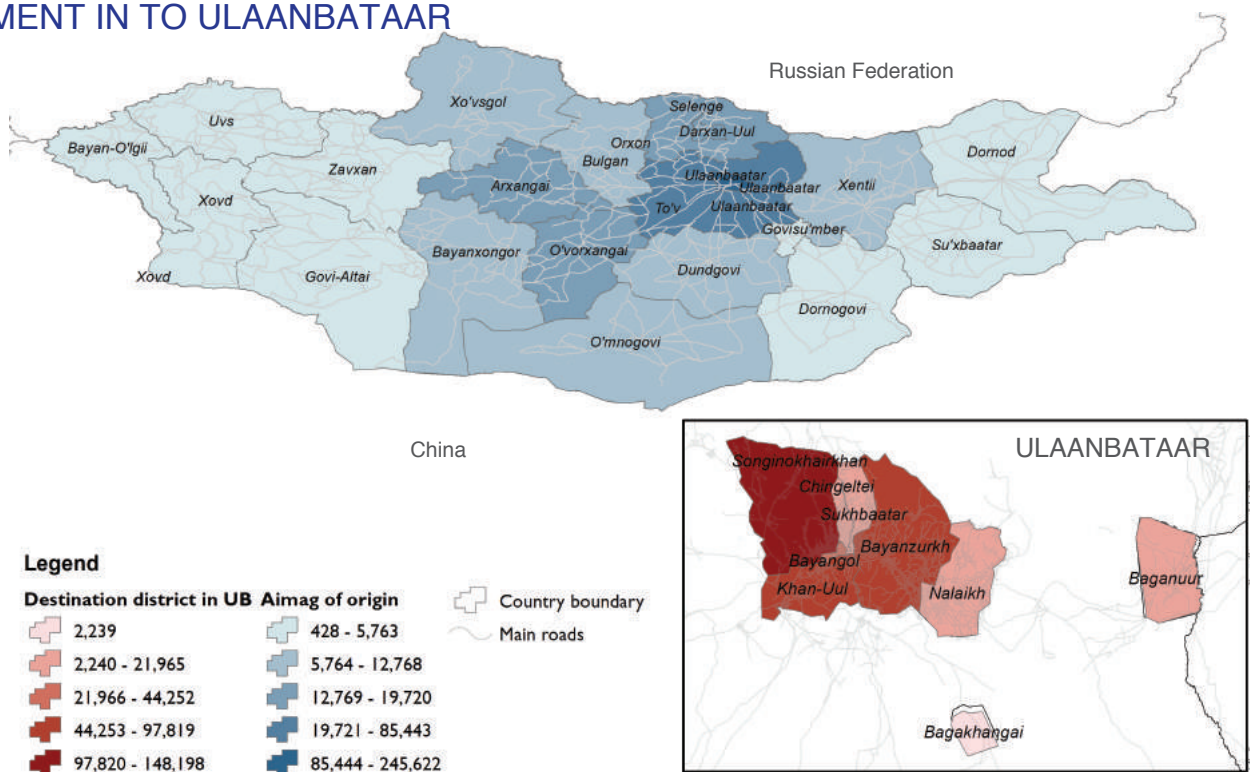
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			20-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	273,831	159,243	114,588	16,467	6,954	9,513
Baruunturuun	184,305	90,864	93,441	7,834	3,580	4,254
Nalaikh	167,989	83,859	84,130	9,567	4,440	5,127
Morin	137,956	69,148	68,808	8,451	4,231	4,220
Ulziit	112,811	54,533	58,278	7,879	3,738	4,141
Gunt	87,100	45,366	41,734	4,519	2,124	2,395
Total	963,992	503,013	460,979	54,717	25,067	29,650

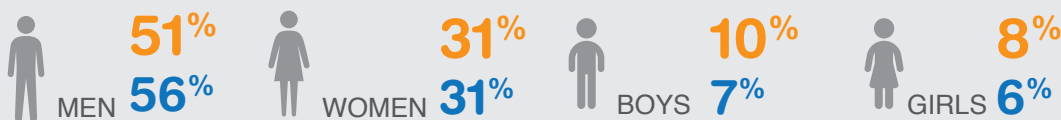
MOVEMENT IN TO ULAANBATAAR



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

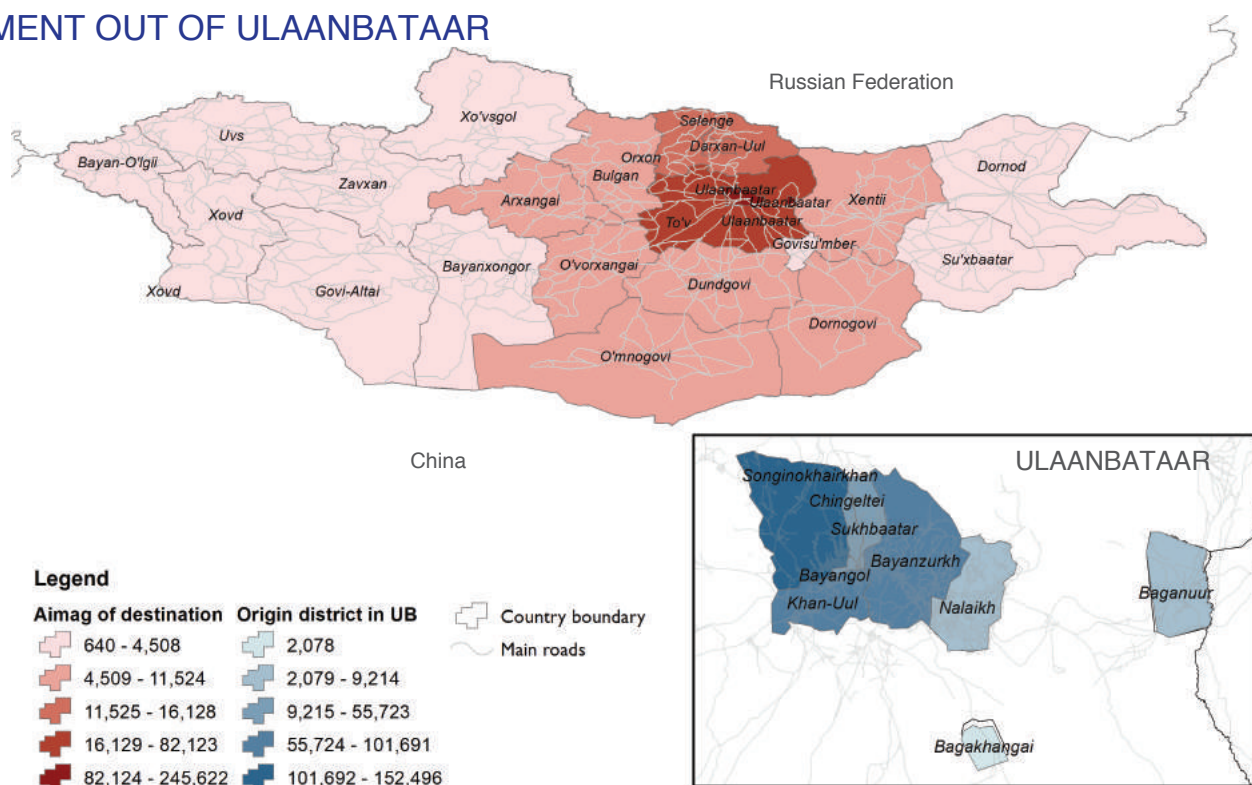
DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



UB district of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of origin											
Ulaanbaatar	670	1,910	7,585	15,629	28,515	9,936	71,241	11,975	88,134	10,027	245,622
Arkhangai	46	10	24	2,643	3,456	1,125	1,518	74	5,268	948	15,112
Bayankhongor	34	1	23	973	1,567	484	743	75	2,661	503	7,064
Bayan-Ulgii	4	-	-	46	113	24	21	6	161	53	428
Bulgan	60	18	24	2,022	2,737	839	1,456	48	3,249	734	11,187
Darkhan-Uul	59	18	55	3,113	3,826	1,084	2,163	201	6,466	1,198	18,183
Dornod	7	3	-	485	2,073	338	387	7	601	440	4,341
Dornogobi	20	6	3	1,074	2,355	291	601	15	831	483	5,679
Dundgobi	23	-	5	1,215	2,511	479	1,466	6	1,624	645	7,974
Gobi-Altai	4	11	29	510	855	235	299	11	1,224	241	3,419
Gobisumber	18	3	12	711	2,436	242	491	5	503	435	4,856
Khentii	13	3	11	1,055	5,662	705	806	8	943	884	10,090
Khovd	5	-	9	344	655	167	391	37	997	97	2,702
Khuvsgul	30	16	51	1,627	2,037	562	1,015	39	2,510	607	8,494
Orkhon	44	-	24	2,270	3,086	702	1,847	117	3,673	1,005	12,768
Selenge	78	13	69	4,248	4,637	1,455	2,262	197	5,263	1,498	19,720
Sukhbaatar	8	4	14	368	2,096	150	241	15	305	263	3,464
Tuv	324	59	205	13,481	17,777	6,360	13,998	338	26,619	6,282	85,443
Umnugobi	30	3	25	1,344	2,286	443	1,993	32	2,353	545	9,054
Uvurkhangai	79	27	62	2,669	3,637	1,214	2,343	103	6,027	942	17,103
Zavkhan	24	3	4	992	1,592	356	666	26	1,653	447	5,763
Uvs	17	5	4	454	907	220	384	42	1,432	174	3,639
?	18	3	-	139	313	42	121	36	245	105	1,022
TOTAL	1,615	2,116	8,238	57,412	95,129	27,453	106,453	13,413	162,742	28,556	503,127

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall

XX% - Past 24 hrs



52%

51%



29%

30%



10%

10%



9%

9%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimag of destination											
Arkhangai	106	-	1,865	25	1,347	702	856	48	3,339	614	8,902
Bayankhongor	63	3	672	59	480	227	459	15	1,696	278	3,952
Bayan-Ulgii	-	-	167	-	133	21	24	-	268	27	640
Bulgan	75	1	1,675	18	1,295	561	891	20	2,593	487	7,616
Darkhan-Uul	42	5	2,751	42	2,324	839	1,529	130	7,570	896	16,128
Dornod	14	5	2,371	2	415	352	473	9	545	322	4,508
Dornogobi	43	-	3,285	23	1,298	511	853	1	1,017	458	7,489
Dundgobi	27	7	2,127	9	934	404	1,336	24	1,436	495	6,799
Gobi-Altai	21	9	250	17	148	86	162	6	834	91	1,624
Gobisumber	8	-	2,317	13	622	247	408	4	551	302	4,472
Khentii	28	4	5,888	8	1,040	602	760	4	937	794	10,065
Khovd	10	-	331	-	125	57	212	27	694	77	1,533
Khuvsgul	25	3	854	8	585	231	516	4	1,695	246	4,167
Orkhon	43	6	2,105	46	1,749	675	1,395	67	3,951	638	10,675
Selenge	26	12	3,453	93	3,385	1,070	1,920	233	4,909	1,007	16,108
Sukhbaatar	10	-	1,874	2	236	173	283	-	353	321	3,252
Tuv	358	46	16,637	177	12,496	5,801	14,318	293	26,074	5,923	82,123
Umnugobi	36	7	3,017	39	1,436	664	2,562	59	2,860	844	11,524
Uvs	15	-	287	-	108	80	155	25	558	68	1,296
Uvurkhangai	87	9	1,995	41	1,426	548	1,239	40	3,724	615	9,724
Zavkhan	25	5	560	12	286	104	234	11	911	109	2,257
?	33	-	115	13	65	55	70	27	273	37	688
TOTAL	1,095	122	54,596	647	31,933	14,010	30,655	1,047	66,788	14,649	215,542