

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 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 dzud.

NUMBERS AT A GLANCE

1,153,789

cumulative movements tracked by DTM flow monitoring points (FMP)

32,044 ↓

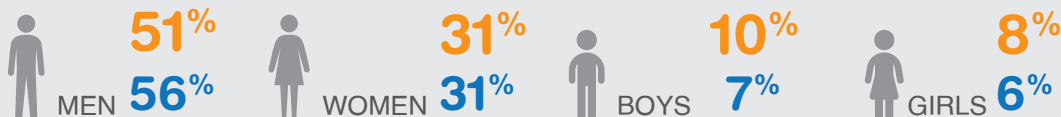
Movements tracked in the past 24 hrs

10,196 (R)
43,195 (N)

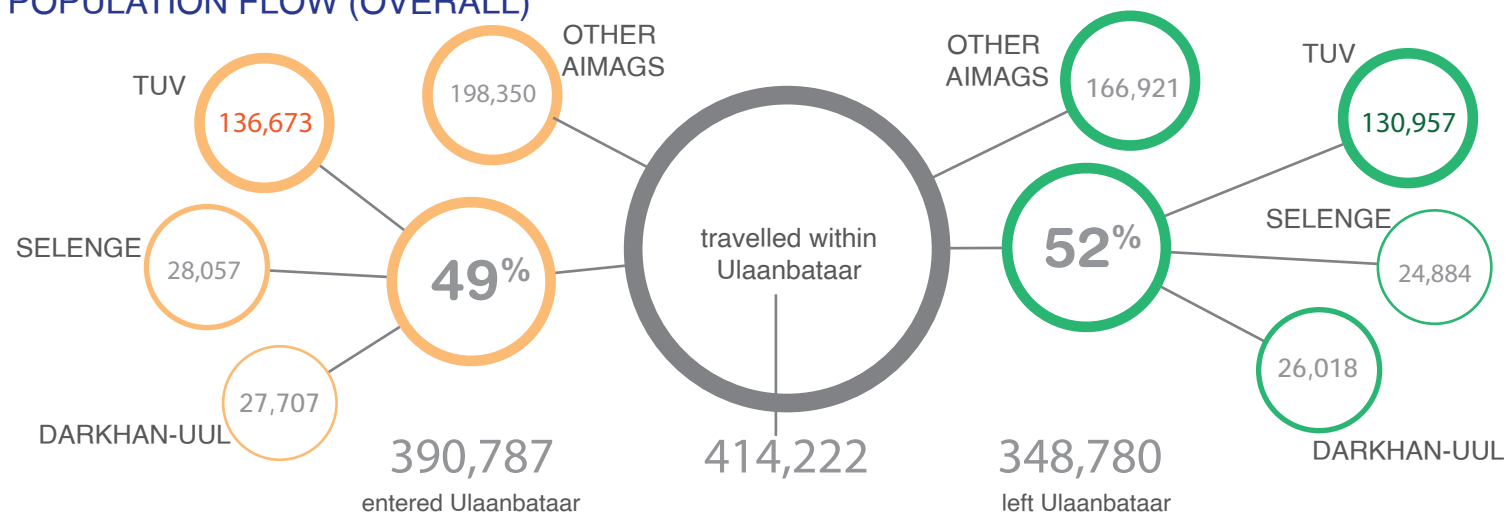
Average movement per day during restricted (R) and unrestricted (N) periods

DEMOGRAPHICS

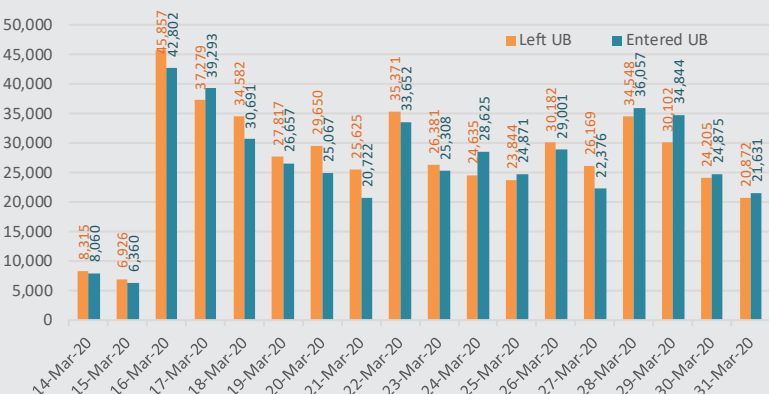
XX% - Overall
XX% - Past 24 hrs



POPULATION FLOW (OVERALL)



MOVEMENT TRENDS

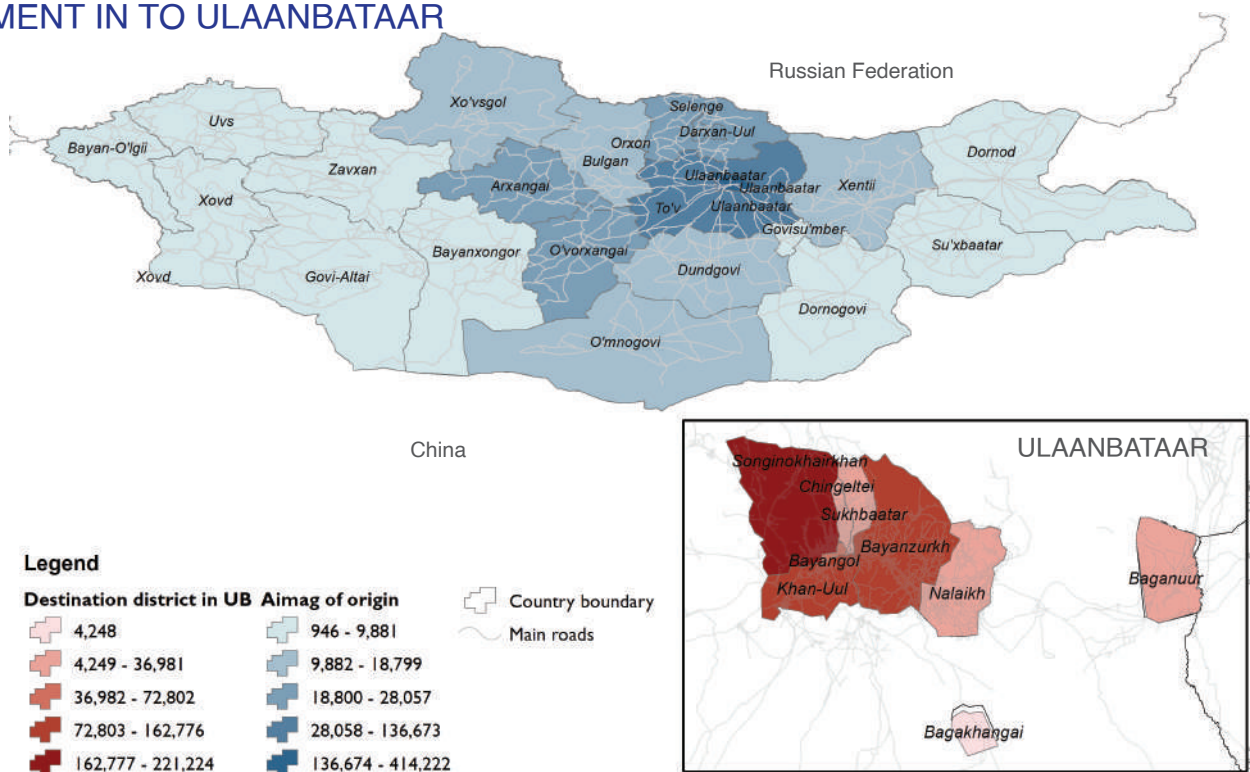


MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			31-Mar-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	274,892	133,675	141,217	5,321	2,559	2,762
Baruunturuun	171,700	85,739	85,961	6,115	2,772	3,343
Nalaikh	329,771	166,547	163,224	12,746	6,560	6,186
Morin	236,653	118,500	118,153	4,523	2,264	2,259
Ulziit	401,631	222,862	178,769	8,418	4,727	3,691
Gunt	153,241	77,652	75,589	5,380	2,749	2,631
Total	1,567,888	804,975	762,913	42,503	21,631	20,872



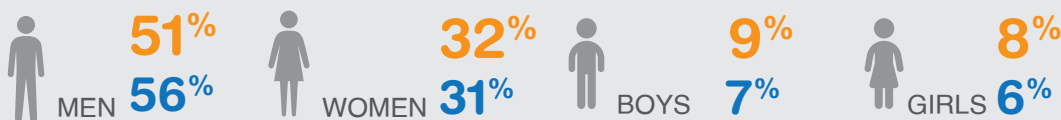
MOVEMENT IN TO ULAANBATAAR



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

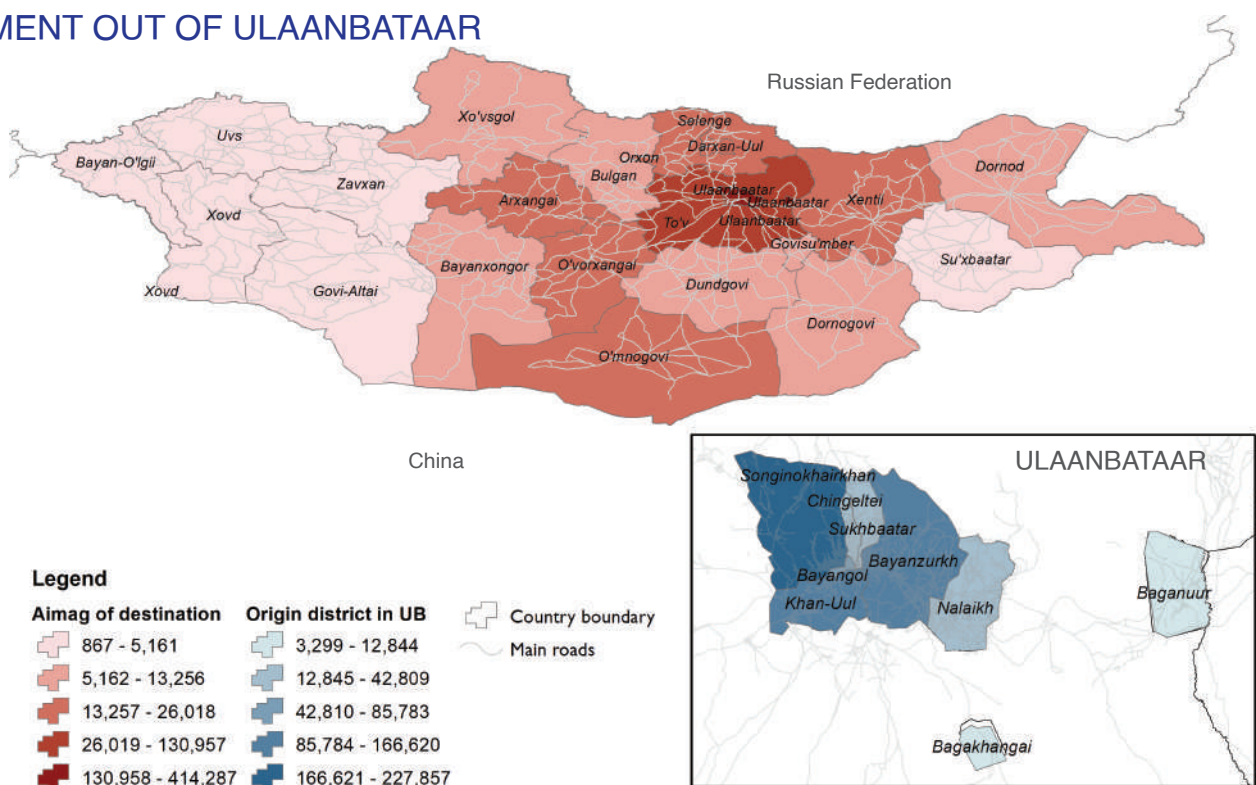
DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	1,122	3,018	12,170	25,443	56,373	17,076	118,393	31,157	132,143	17,327	414,222
Arkhangai	93	12	31	3,771	4,783	1,544	2,318	122	7,418	1,367	21,459
Bayankhongor	50	3	34	1,384	2,163	689	1,039	89	3,691	739	9,881
Bayan-Ulgii	6	-	-	126	212	47	50	10	386	109	946
Bulgan	117	18	34	2,973	3,985	1,206	2,184	59	4,760	991	16,327
Darkhan-Uul	98	27	79	4,489	5,504	1,489	3,195	257	10,853	1,716	27,707
Dornod	23	5	-	721	3,138	484	701	20	846	599	6,537
Dornogobi	42	9	3	1,759	3,849	463	1,136	23	1,396	741	9,421
Dundgobi	40	3	5	1,896	4,137	717	2,230	8	2,360	891	12,287
Gobi-Altai	23	11	31	605	1,074	278	386	19	1,748	318	4,493
Gobisumber	25	5	12	1,216	4,046	372	789	15	791	637	7,908
Khentii	22	6	16	1,641	8,968	964	1,450	16	1,582	1,266	15,931
Khovd	5	-	12	498	900	251	529	40	1,636	136	4,007
Khuvsgul	37	25	65	2,085	2,727	710	1,372	55	3,729	770	11,575
Orkhon	81	-	55	3,503	4,299	975	2,665	153	5,698	1,370	18,799
Selenge	98	26	99	6,149	6,498	1,979	3,239	268	7,641	2,060	28,057
Sukhbaatar	28	4	15	531	3,036	241	391	29	489	399	5,163
Tuv	545	104	283	21,731	28,746	9,785	23,206	481	41,742	10,050	136,673
Umnugobi	84	5	33	2,155	3,865	732	3,548	60	3,840	939	15,261
Uvurkhangai	113	41	67	3,894	5,095	1,611	3,290	149	8,877	1,346	24,483
Zavkhan	37	9	8	1,254	2,030	445	904	45	2,287	589	7,608
Uvs	17	5	18	607	1,221	283	496	87	1,945	265	4,944
?	24	4	4	208	371	53	176	54	304	122	1,320
TOTAL	2,730	3,340	13,074	88,639	157,020	42,394	173,687	33,216	246,162	44,747	805,009

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



52%
 56%



30%
 30%



10%
 8%



9%
 6%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	214	4	3,351	36	2,452	1,168	1,632	74	5,757	1,083	15,771
Bayankhongor	81	3	1,183	63	998	496	841	58	3,133	487	7,343
Bayan-Ulgii	-	-	211	-	186	32	53	-	341	44	867
Bulgan	123	1	2,900	23	2,333	1,058	1,583	25	4,438	772	13,256
Darkhan-Uul	73	11	4,352	60	3,626	1,253	2,618	184	12,411	1,430	26,018
Dornod	27	8	3,521	2	624	513	687	10	726	445	6,563
Dornogobi	49	5	4,732	31	1,832	727	1,384	4	1,536	660	10,960
Dundgobi	45	7	3,746	37	1,477	673	2,126	27	2,318	868	11,324
Gobi-Altai	25	9	657	18	252	188	263	24	1,533	169	3,138
Gobisumber	20	-	3,512	13	945	414	659	8	793	463	6,827
Khentii	46	8	8,701	10	1,450	854	1,142	10	1,375	1,087	14,683
Khovd	11	-	612	7	309	109	319	38	1,218	150	2,773
Khuvsgul	43	3	1,574	11	1,025	388	859	22	3,115	447	7,487
Orkhon	84	9	3,272	72	2,979	924	2,250	113	6,224	1,028	16,955
Selenge	49	12	5,288	110	5,312	1,612	2,923	313	7,611	1,654	24,884
Sukhbaatar	17	1	3,049	2	357	291	445	11	519	469	5,161
Tuv	681	73	27,000	257	19,957	9,126	22,330	496	41,501	9,536	130,957
Umnugobi	50	11	4,743	61	2,454	1,041	4,169	70	4,528	1,424	18,551
Uvs	23	7	535	18	194	171	262	27	1,019	141	2,397
Uvurkhangai	143	21	3,366	44	2,617	900	2,186	52	6,849	1,057	17,235
Zavkhan	43	5	990	12	600	236	470	45	1,749	244	4,394
?	66	1	229	16	124	88	130	70	455	57	1,236
TOTAL	1,913	199	87,524	903	52,103	22,262	49,331	1,681	109,149	23,715	348,780