

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 June 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

2,659,148

cumulative movements tracked by DTM flow monitoring points (FMP)

31,263 ↓

Movements tracked in the past 24 hrs

10,805 (R)
43,217 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

52%

53%



WOMEN

31%

32%



BOYS

9%

9%

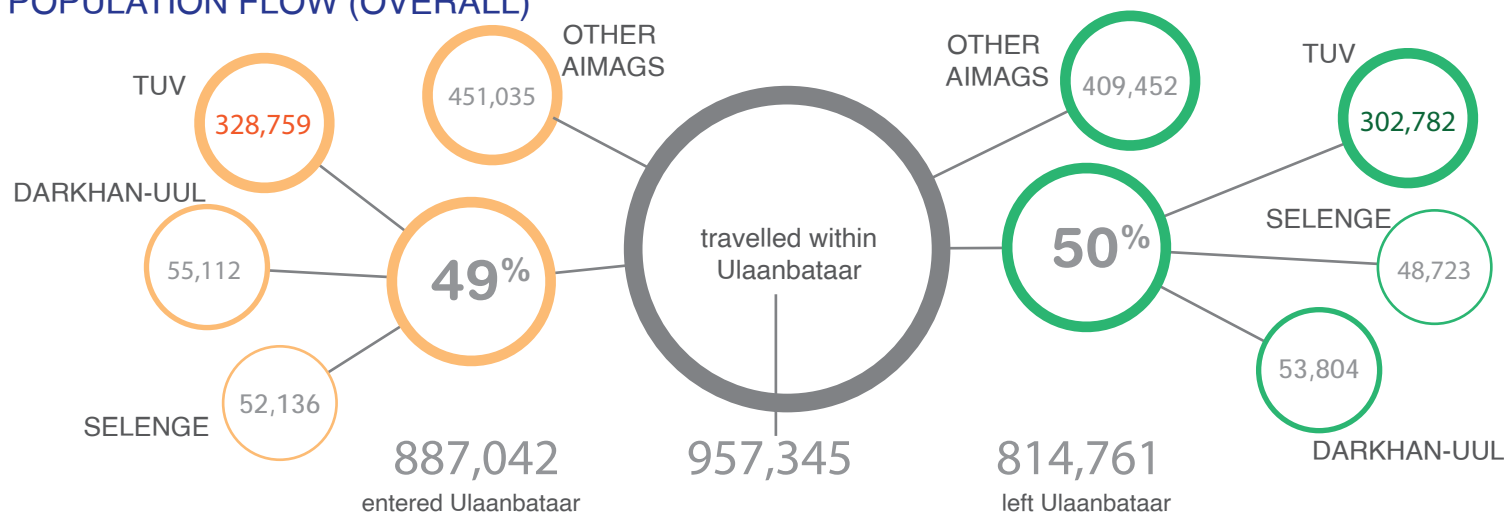


GIRLS

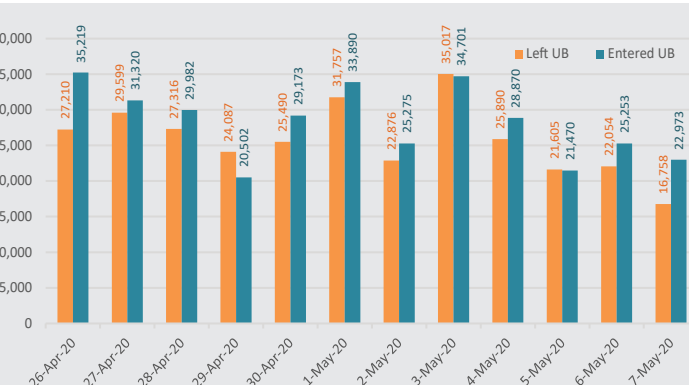
7%

7%

POPULATION FLOW (OVERALL)



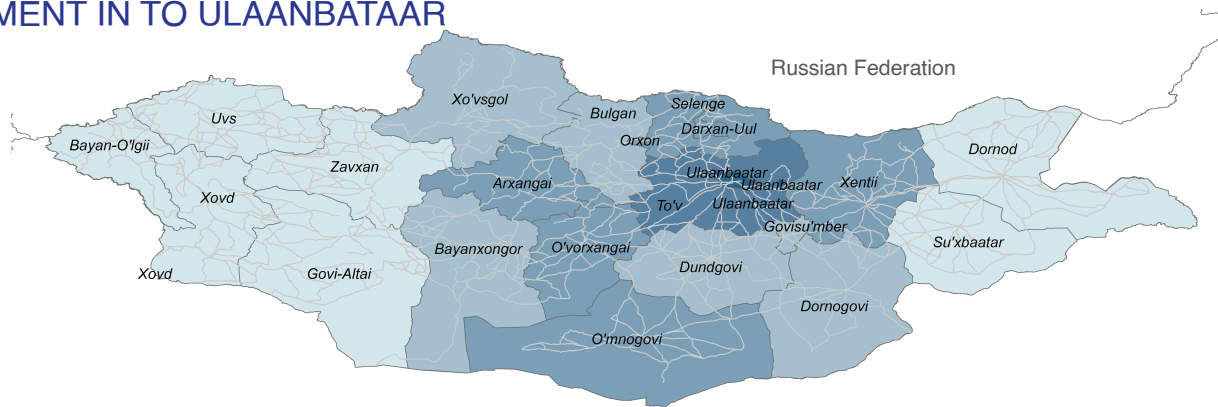
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			7-May-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	386,795	201,904	184,891	4,194	1,776	2,418
Nalaikh	792,347	396,306	396,041	9,064	4,757	4,307
Morin	614,288	307,061	307,227	7,477	3,745	3,732
Emeelt	934,905	504,273	430,632	15,051	10,599	4,452
Gunt	485,081	243,077	242,004	3,945	2,096	1,849
Total	3,615,433	1,843,941	1,771,492	39,731	22,973	16,758

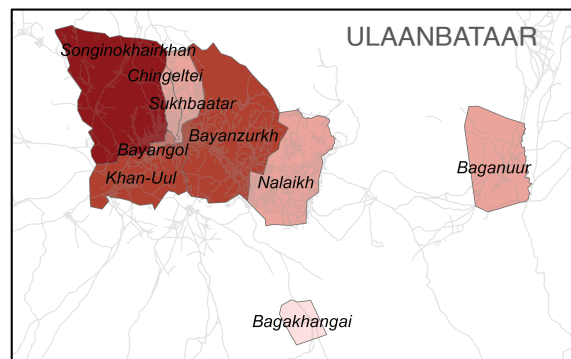
MOVEMENT IN TO ULAANBATAAR



Legend

Destination district in UB		Aimag of origin	
15,211	2,911 - 16,080	16,081 - 33,903	328,760 - 957,345
15,212 - 92,205	16,081 - 33,903	33,904 - 55,112	55,113 - 328,759
92,206 - 171,942	33,904 - 55,112	55,113 - 328,759	328,760 - 957,345
171,943 - 417,860	55,113 - 328,759	328,760 - 957,345	
417,861 - 527,631	328,760 - 957,345		

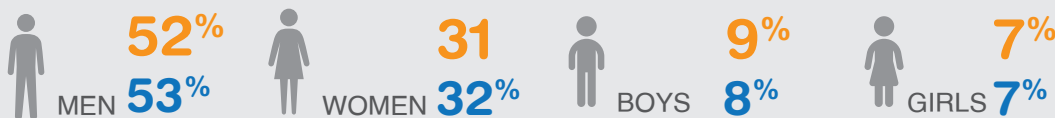
Country boundary
Main roads



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

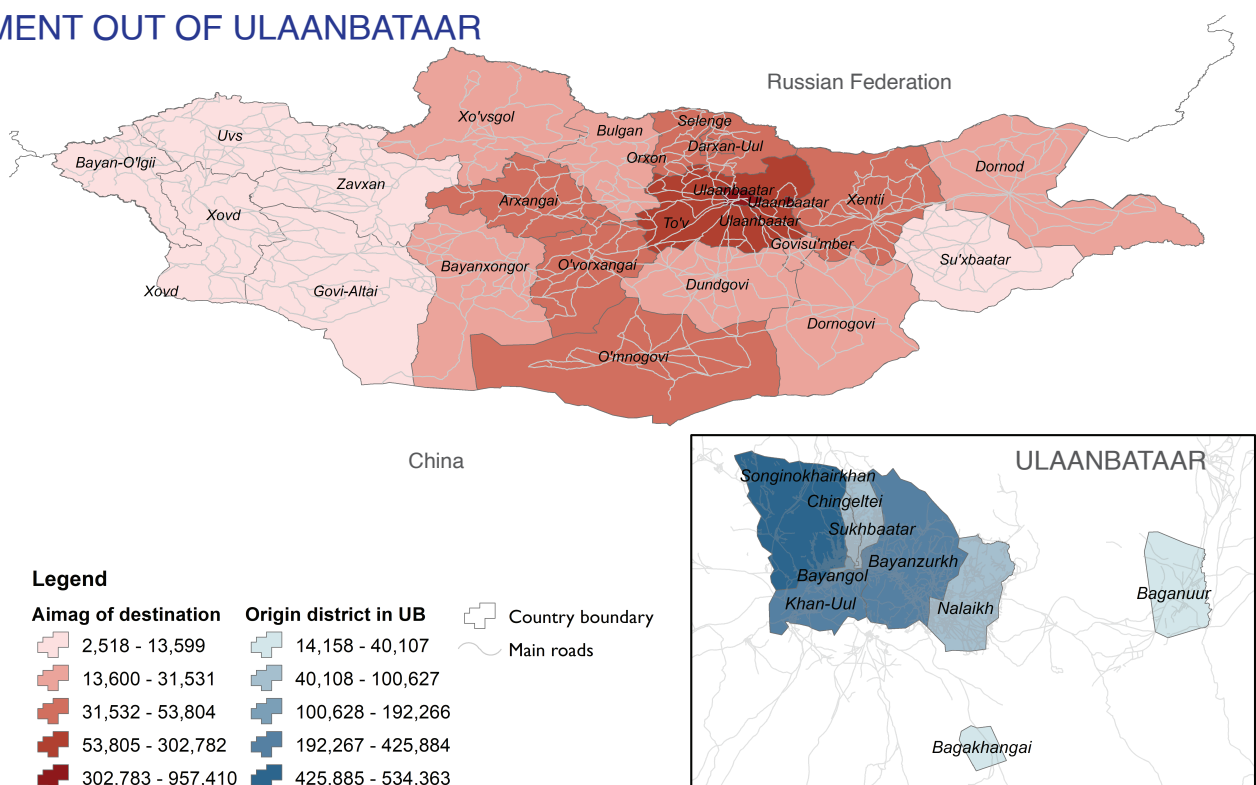
DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	5,503	13,228	37,010	57,190	115,399	46,744	297,136	61,420	285,093	38,622	957,345
Arkhangai	197	27	63	7,593	9,558	3,212	4,681	194	15,690	2,592	43,807
Bayankhongor	112	25	55	2,900	4,345	1,443	2,272	182	8,381	1,523	21,238
Bayan-Ulgii	23	5	1	395	706	121	150	48	1,220	242	2,911
Bulgan	216	27	67	5,989	7,968	2,425	4,260	124	10,705	2,122	33,903
Darkhan-Uul	295	50	145	8,417	10,361	2,851	6,059	359	23,146	3,429	55,112
Dornod	132	37	16	1,615	8,102	1,074	1,819	134	1,807	1,344	16,080
Dornogobi	380	45	102	5,290	11,801	1,603	3,672	420	3,703	2,340	29,356
Dundgobi	184	22	96	4,164	10,142	1,647	5,242	187	5,155	2,124	28,963
Gobi-Altai	48	24	36	1,119	2,001	515	888	38	4,088	565	9,322
Gobisumber	317	25	143	3,050	10,997	892	2,079	410	2,020	1,488	21,421
Khentii	286	49	34	3,797	23,041	2,177	3,612	488	3,718	2,972	40,174
Khovd	14	2	12	967	1,731	400	980	52	4,367	374	8,899
Khuvsgul	123	35	102	3,784	5,291	1,565	2,649	131	8,638	1,644	23,962
Orkhon	184	5	128	7,720	8,624	1,916	5,559	232	12,079	2,623	39,070
Selenge	198	42	206	12,074	12,065	3,596	6,142	408	13,702	3,703	52,136
Sukhbaatar	96	43	48	1,222	7,525	721	1,122	160	1,168	1,029	13,134
Tuv	2,035	286	1,103	49,331	70,946	22,329	57,305	9,150	92,284	23,990	328,759
Umnugobi	185	11	145	5,373	9,771	1,790	9,635	244	8,689	2,492	38,335
Uvurkhangai	260	63	141	7,400	10,579	2,884	6,648	268	19,703	2,784	50,730
Zavkhan	75	18	29	2,325	3,860	866	1,625	80	5,081	1,078	15,037
Uvs	38	8	21	1,116	2,178	509	994	99	4,203	450	9,616
?	89	15	370	571	1,421	190	735	412	935	339	5,077
TOTAL	10,990	14,092	40,073	193,402	348,412	101,470	425,264	75,240	535,575	99,869	1,844,387

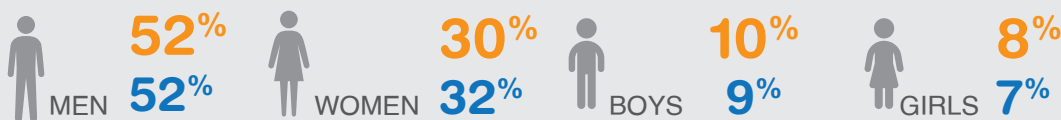
MOVEMENT OUT OF ULAANBATAAR



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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	386	47	7,424	82	5,395	2,472	3,675	172	13,260	2,179	35,092
Bayankhongor	117	23	3,235	88	2,482	1,086	1,958	116	7,746	1,174	18,025
Bayan-Ulgii	2	-	646	-	426	116	161	22	991	154	2,518
Bulgan	272	1	6,200	50	4,720	2,006	3,324	65	9,339	1,712	27,689
Darkhan-Uul	205	32	8,811	136	7,138	2,637	5,267	341	26,051	3,186	53,804
Dornod	150	23	9,287	28	1,632	1,014	1,787	240	1,591	1,336	17,088
Dornogobi	397	18	12,871	201	5,543	1,917	4,195	357	3,794	2,238	31,531
Dundgobi	140	20	9,980	103	3,728	1,543	5,205	138	5,612	2,266	28,735
Gobi-Altai	31	9	1,531	47	785	403	792	84	3,956	401	8,039
Gobisumber	244	24	10,315	105	2,658	937	1,993	358	1,890	1,163	19,687
Khentii	316	57	23,147	66	3,602	1,926	3,188	419	3,157	2,737	38,615
Khovd	31	3	1,434	15	804	268	712	57	3,312	354	6,990
Khuvsgul	98	11	3,874	23	2,471	1,087	2,066	75	8,002	1,137	18,844
Orkhon	188	13	6,888	139	6,464	1,867	4,692	193	12,852	2,130	35,426
Selenge	142	24	10,316	215	10,935	3,262	5,503	476	14,519	3,331	48,723
Sukhbaatar	130	27	7,987	58	1,064	692	1,165	91	1,166	1,219	13,599
Tuv	1,723	208	66,848	1,158	43,649	20,671	51,955	8,167	86,487	21,916	302,782
Umnugobi	112	31	10,832	179	5,570	2,309	9,927	275	9,079	3,181	41,495
Uvs	57	8	1,611	25	823	390	819	47	3,194	432	7,406
Uvurkhangai	251	49	7,646	127	5,918	2,205	5,099	148	16,626	2,308	40,377
Zavkhan	70	17	2,886	29	1,696	677	1,321	107	5,013	652	12,468
?	326	30	1,324	92	558	266	1,126	565	1,169	372	5,828
TOTAL	5,388	675	215,093	2,966	118,061	49,751	115,930	12,513	238,806	55,578	814,761