

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

1,696,303

cumulative movements tracked by DTM flow monitoring points (FMP)

60,651 ↓

Movements tracked in the past 24 hrs

10,196 (R)
43,886 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

51%

46%



WOMEN

31%

33%



BOYS

10%

12%

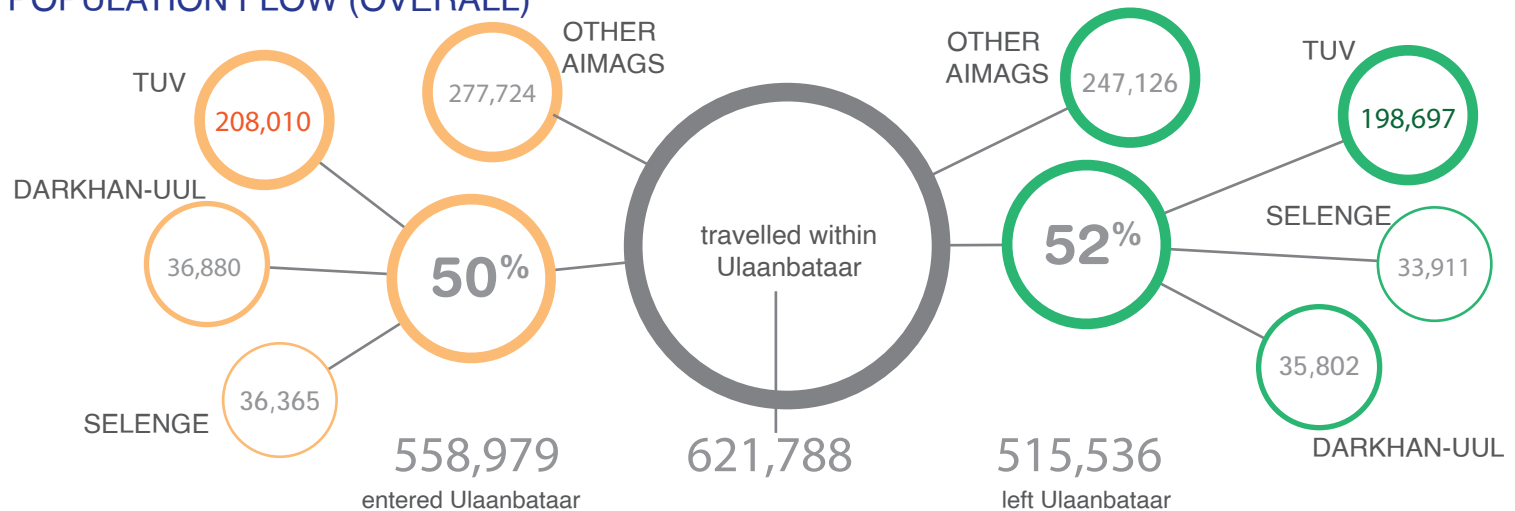


GIRLS

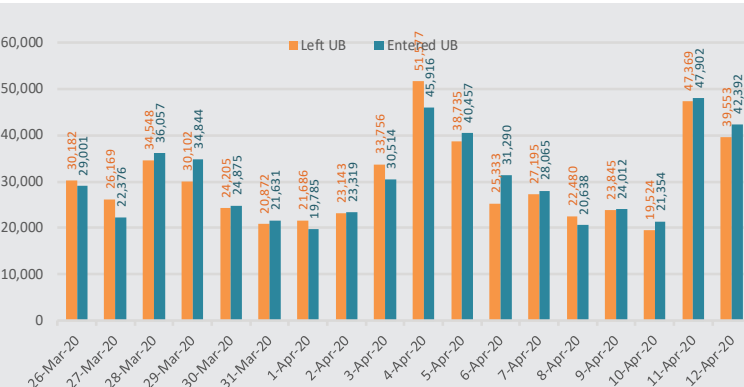
8%

9%

POPULATION FLOW (OVERALL)



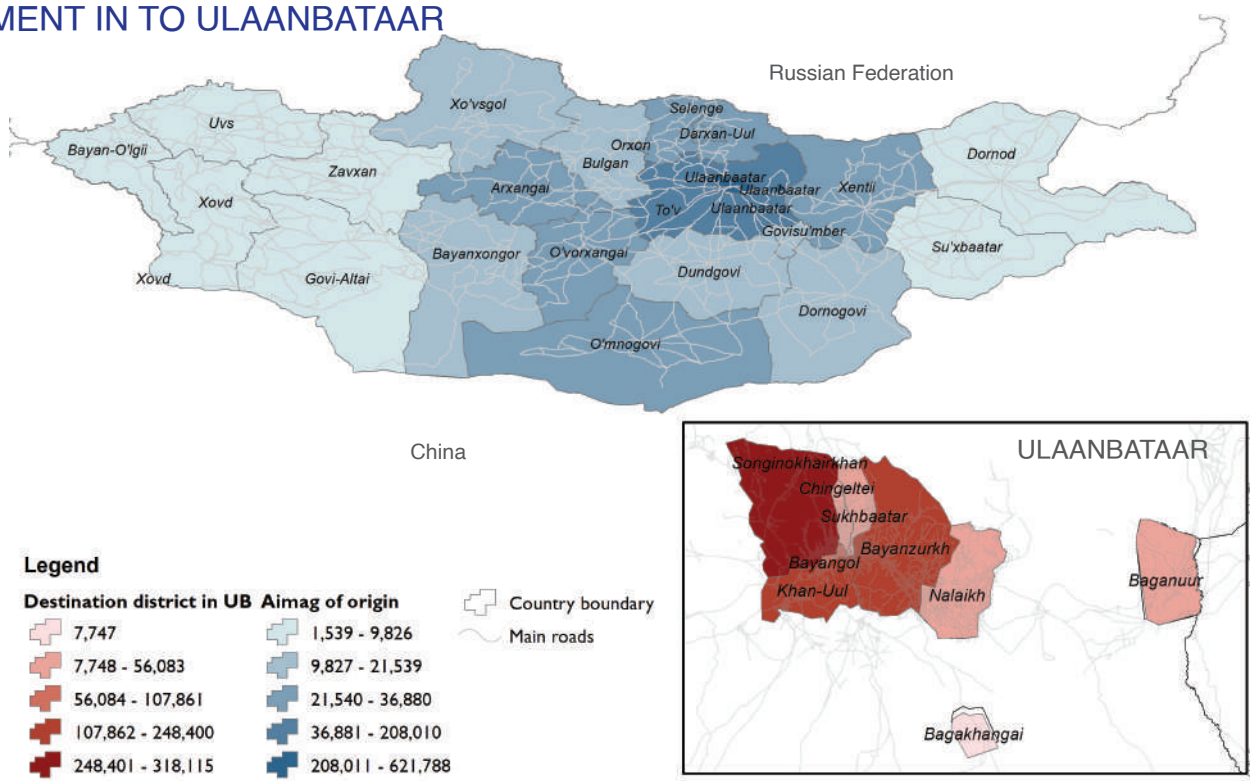
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			12-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	347,527	166,672	180,855	8,966	4,679	4,287
Ulziit	260,591	133,853	126,738	12,099	5,975	6,124
Nalaikh	515,339	258,586	256,753	10,135	5,363	4,772
Morin	362,868	181,580	181,288	16,491	8,254	8,237
Emeelt	563,050	305,801	257,249	19,281	10,383	8,898
Gunt	268,353	134,127	134,226	14,973	7,738	7,235
Total	2,317,728	1,180,619	1,137,109	81,945	42,392	39,553

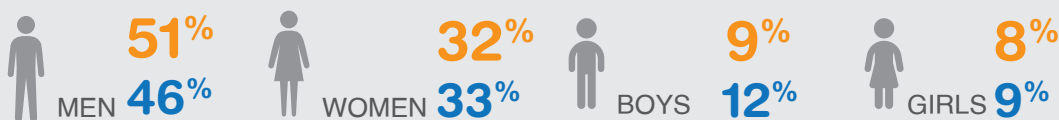
MOVEMENT IN TO ULAANBATAAR



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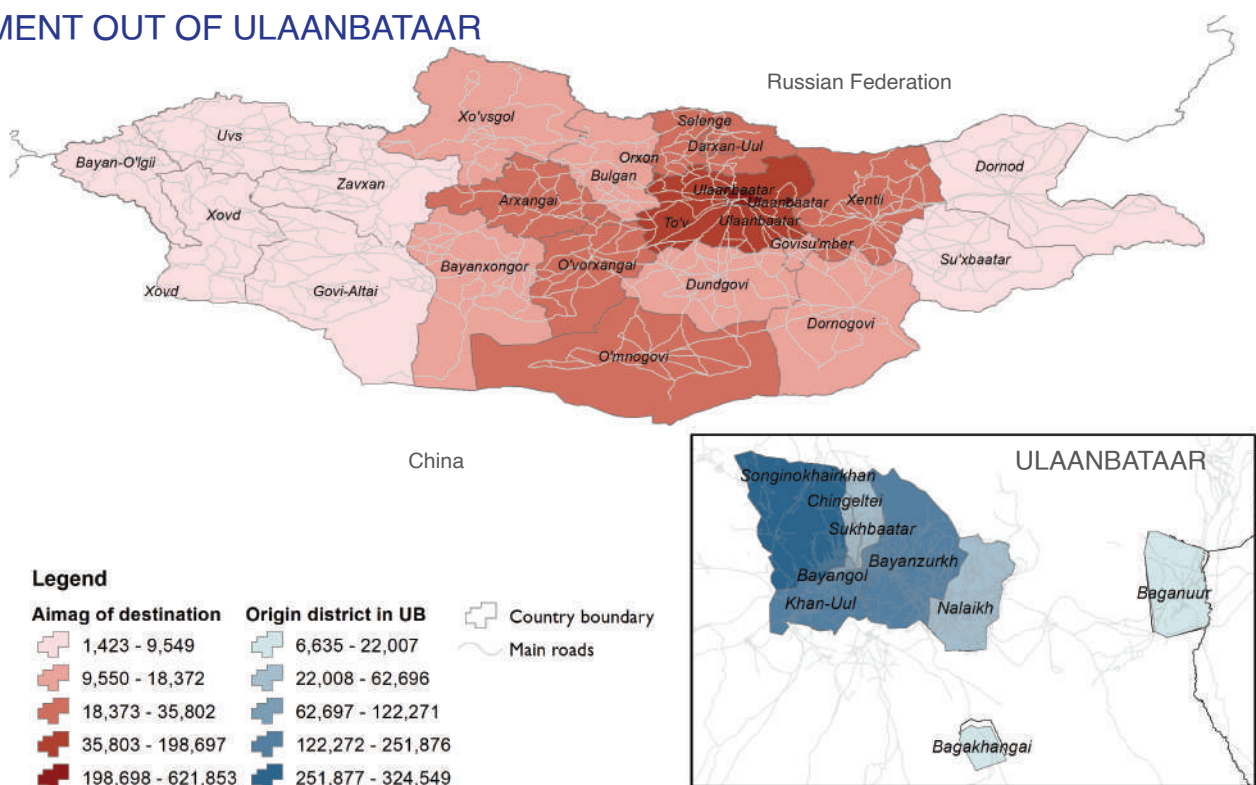
DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	2,231	6,218	20,759	37,847	81,445	26,019	179,340	50,169	191,860	25,900	621,788
Arkhangai	123	12	54	4,904	6,208	1,932	3,078	138	9,507	1,739	27,695
Bayankhongor	60	10	48	1,920	2,848	931	1,425	122	5,196	937	13,497
Bayan-Ulgii	10	-	-	202	372	68	91	12	637	147	1,539
Bulgan	164	22	39	3,954	5,198	1,499	2,778	79	6,522	1,284	21,539
Darkhan-Uul	212	34	108	5,814	7,189	1,905	4,109	299	14,917	2,293	36,880
Dornod	74	17	10	1,085	4,636	688	1,065	52	1,111	836	9,574
Dornogobi	91	18	55	2,819	6,298	820	1,962	146	2,208	1,231	15,648
Dundgobi	78	13	27	2,694	6,276	995	3,257	50	3,309	1,405	18,104
Gobi-Altai	23	11	31	715	1,350	348	604	27	2,362	376	5,847
Gobisumber	56	9	48	1,846	6,113	581	1,259	126	1,204	922	12,164
Khentii	106	8	20	2,352	13,352	1,294	2,189	148	2,305	1,875	23,649
Khovd	7	-	12	647	1,206	283	669	40	2,357	184	5,405
Khuvsgul	65	25	85	2,598	3,403	865	1,761	76	4,995	1,003	14,876
Orkhon	110	4	103	4,897	5,711	1,296	3,635	176	7,674	1,814	25,420
Selenge	137	34	160	8,035	8,545	2,556	4,352	333	9,538	2,675	36,365
Sukhbaatar	58	14	26	738	4,483	400	639	62	709	600	7,729
Tuv	978	166	561	32,154	44,808	14,436	36,602	3,071	59,872	15,362	208,010
Umnugobi	116	7	49	3,372	6,131	1,159	5,915	99	5,785	1,579	24,212
Uvurkhangai	142	51	82	4,974	6,672	1,940	4,246	174	11,988	1,775	32,044
Zavkhan	58	10	13	1,580	2,593	558	1,118	57	3,062	777	9,826
Uvs	18	5	18	764	1,567	343	632	89	2,510	337	6,283
?	46	8	20	373	750	102	372	184	601	217	2,673
TOTAL	4,963	6,696	22,328	126,284	227,154	61,018	261,098	55,729	350,229	65,268	1,180,767

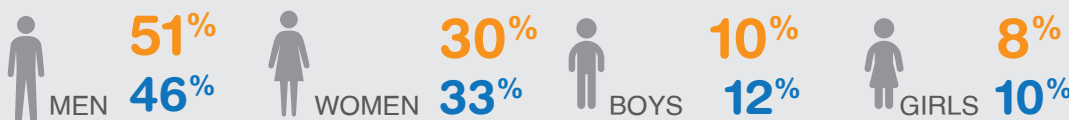
MOVEMENT OUT OF ULAANBATAAR



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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	313	15	4,677	37	3,526	1,559	2,368	143	8,382	1,356	22,376
Bayankhongor	86	18	1,845	78	1,417	670	1,184	74	4,611	656	10,639
Bayan-Ulgii	-	-	350	-	249	57	98	4	577	88	1,423
Bulgan	203	1	4,120	31	3,127	1,396	2,223	36	6,152	1,083	18,372
Darkhan-Uul	117	13	5,964	88	4,859	1,771	3,626	228	17,152	1,984	35,802
Dornod	66	8	5,116	2	922	643	1,056	56	986	694	9,549
Dornogobi	69	5	7,232	81	2,880	1,077	2,294	116	2,271	1,148	17,173
Dundgobi	74	17	6,090	70	2,323	1,036	3,297	78	3,664	1,416	18,065
Gobi-Altai	31	9	869	18	368	230	464	49	2,144	227	4,409
Gobisumber	50	-	5,785	48	1,521	591	1,032	85	1,164	702	10,978
Khentii	111	12	13,069	22	2,191	1,139	1,784	116	1,926	1,628	21,998
Khovd	13	-	879	7	452	144	475	44	2,027	212	4,253
Khuvsgul	64	3	2,346	16	1,434	645	1,351	54	4,768	636	11,317
Orkhon	117	9	4,545	92	4,240	1,295	3,035	144	8,453	1,352	23,282
Selenge	69	19	7,299	157	7,258	2,232	3,969	396	10,237	2,275	33,911
Sukhbaatar	45	6	4,574	13	537	396	675	27	788	670	7,731
Tuv	1,117	129	42,971	605	29,816	13,653	34,111	2,769	59,059	14,467	198,697
Umnugobi	89	20	7,089	98	3,659	1,535	6,285	119	6,364	2,045	27,303
Uvs	26	7	822	18	366	217	386	31	1,682	212	3,767
Uvurkhangai	208	44	4,829	73	3,709	1,309	3,209	84	10,411	1,413	25,289
Zavkhan	70	11	1,523	17	855	388	702	68	2,621	390	6,645
?	125	10	621	48	257	139	257	260	672	168	2,557
TOTAL	3,063	356	132,615	1,619	75,966	32,122	73,881	4,981	156,111	34,822	515,536