

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 dzud.

NUMBERS AT A GLANCE

1,465,557

cumulative movements tracked by DTM flow monitoring points (FMP)

40,513 ↓

Movements tracked in the past 24 hrs

10,196 (R)
43,455 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

51%
56%



WOMEN

31%
29%



BOYS

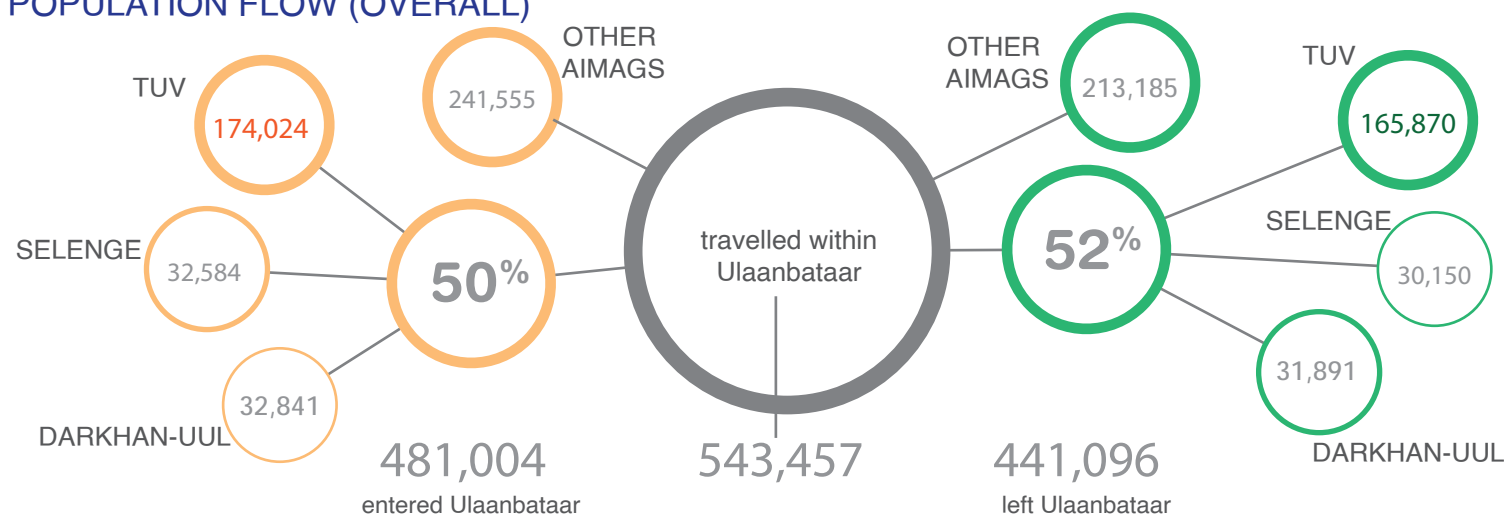
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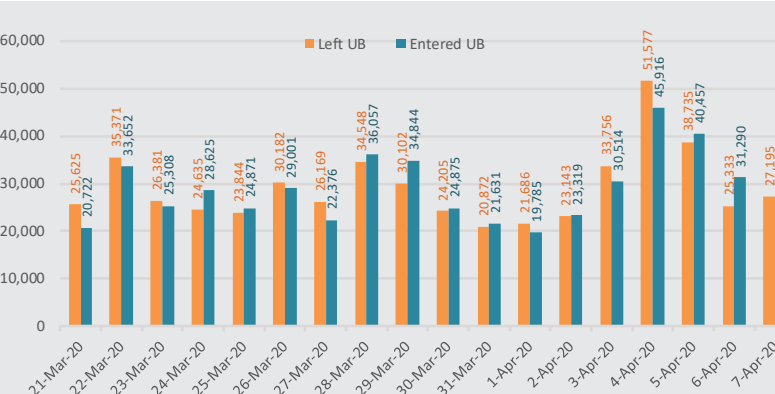
GIRLS

8%
6%

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS

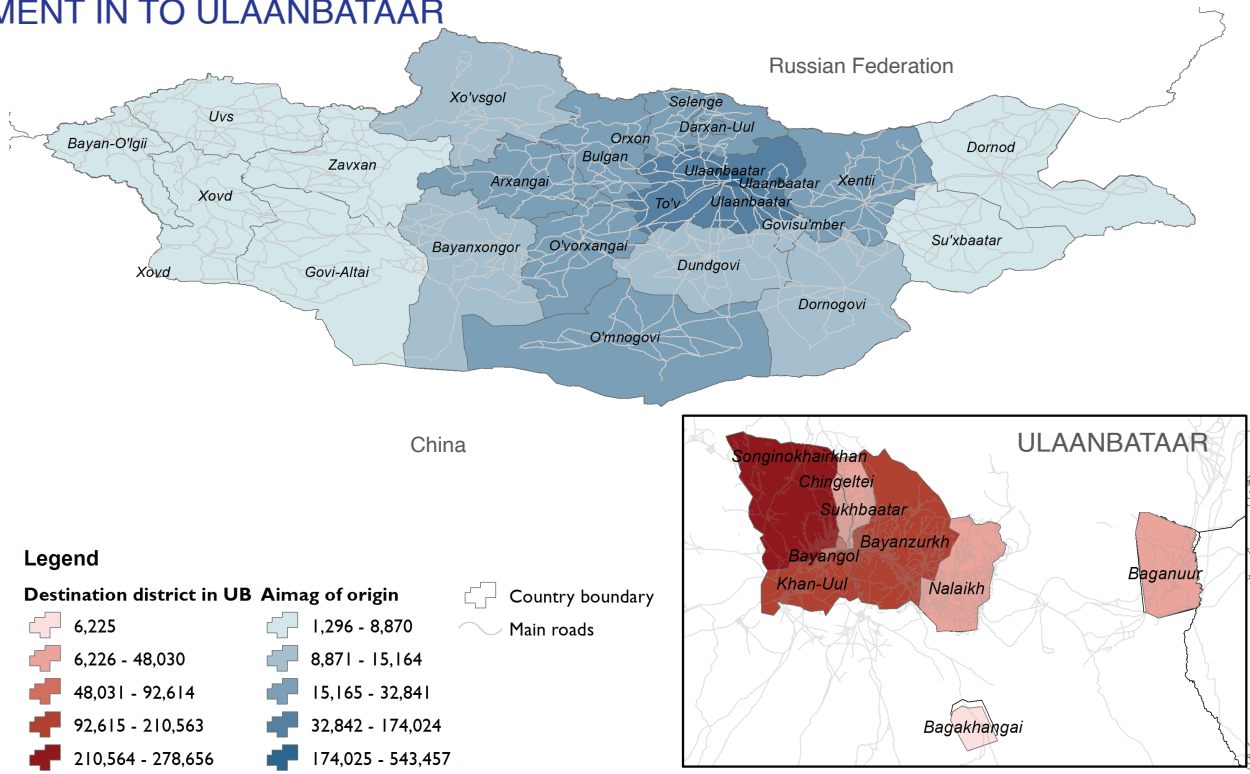


MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			7-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	318,927	153,363	165,564	7,475	3,229	4,246
Ulziit	214,547	109,386	105,161	6,983	3,987	2,996
Nalaikh	453,568	227,464	226,104	18,048	9,319	8,729
Morin	308,135	154,251	153,884	4,018	2,003	2,015
Emeelt	499,559	272,620	226,939	11,735	6,128	5,607
Gunt	213,923	107,237	106,686	7,001	3,399	3,602
Total	2,008,659	1,024,321	984,338	55,260	28,065	27,195



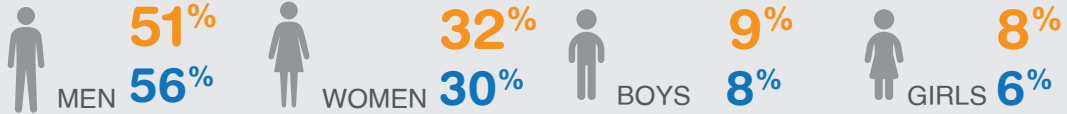
MOVEMENT IN TO ULAANBATAAR



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

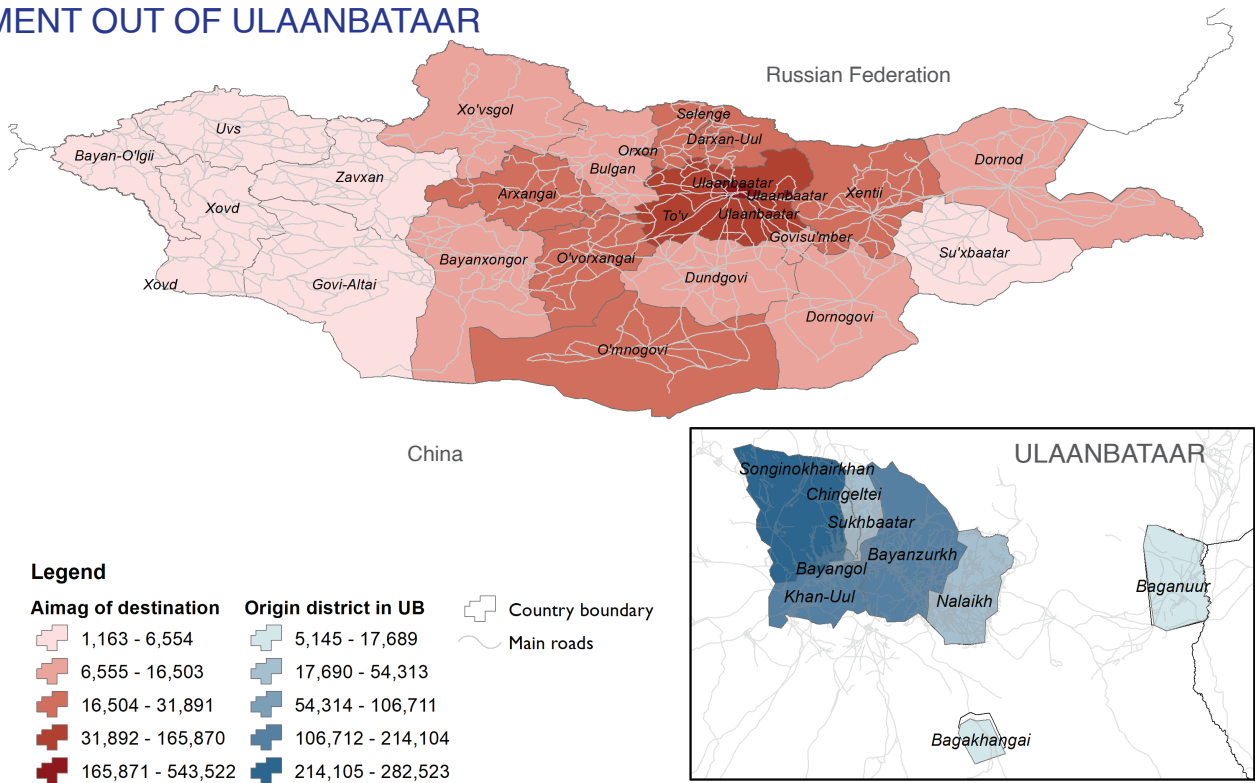
DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	1,841	4,799	16,732	33,269	73,658	22,845	153,430	47,576	166,394	22,913	543,457
Arkhangai	116	12	49	4,489	5,622	1,782	2,756	138	8,743	1,570	25,277
Bayankhongor	57	10	45	1,644	2,567	837	1,220	93	4,500	887	11,860
Bayan-Ulgii	10	-	-	170	313	47	70	10	556	120	1,296
Bulgan	153	22	37	3,559	4,711	1,401	2,474	68	5,875	1,157	19,457
Darkhan-Uul	197	34	98	5,275	6,370	1,734	3,697	284	13,096	2,056	32,841
Dornod	57	7	10	927	3,981	596	871	33	995	736	8,213
Dornogobi	62	14	27	2,323	5,217	652	1,569	105	1,872	981	12,822
Dundgobi	68	3	17	2,301	5,178	829	2,752	22	2,835	1,159	15,164
Gobi-Altai	23	11	31	679	1,241	315	495	25	2,023	354	5,197
Gobisumber	28	5	35	1,573	5,105	508	1,018	80	1,022	770	10,144
Khentii	60	6	20	2,050	11,216	1,198	1,834	76	2,033	1,499	19,992
Khovd	5	-	12	604	1,072	257	596	40	2,005	151	4,742
Khuvsgul	61	25	71	2,410	3,099	782	1,607	62	4,370	889	13,376
Orkhon	105	4	78	4,227	5,076	1,169	3,226	169	6,672	1,662	22,388
Selenge	123	26	125	7,168	7,586	2,297	3,810	306	8,769	2,374	32,584
Sukhbaatar	42	7	23	627	3,735	330	504	45	581	517	6,411
Tuv	800	146	393	27,318	37,438	12,190	30,107	1,627	51,147	12,858	174,024
Umnugobi	90	5	34	2,774	4,949	945	4,803	67	4,717	1,193	19,577
Uvurkhangai	133	51	70	4,497	5,998	1,824	3,855	159	10,654	1,599	28,840
Zavkhan	44	10	12	1,388	2,335	517	1,040	45	2,778	701	8,870
Uvs	18	5	18	650	1,392	326	597	89	2,233	306	5,634
?	34	4	15	304	652	98	318	160	541	169	2,295
TOTAL	4,127	5,206	17,952	110,226	198,511	53,479	222,649	51,279	304,411	56,621	1,024,461

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



51%
 57%



30%
 29%



10%
 8%



8%
 6%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	297	8	4,115	36	3,056	1,391	2,102	123	7,368	1,243	19,739
Bayankhongor	85	3	1,533	68	1,267	590	993	60	3,978	575	9,152
Bayan-Ulgii	-	-	298	-	212	48	75	1	457	72	1,163
Bulgan	197	1	3,598	23	2,805	1,285	1,976	28	5,609	981	16,503
Darkhan-Uul	111	13	5,313	66	4,397	1,605	3,224	218	15,210	1,734	31,891
Dornod	61	8	4,422	2	795	592	924	40	854	576	8,274
Dornogobi	54	5	6,178	61	2,423	923	1,862	50	1,945	937	14,438
Dundgobi	63	17	5,107	47	1,923	905	2,729	43	3,076	1,211	15,121
Gobi-Altai	31	9	769	18	324	206	410	43	1,901	187	3,898
Gobisumber	34	-	4,750	16	1,212	528	873	54	1,020	595	9,082
Khentii	102	8	11,109	19	1,841	1,024	1,499	67	1,712	1,346	18,727
Khovd	11	-	767	7	412	133	390	38	1,617	166	3,541
Khuvsgul	58	3	2,051	16	1,248	520	1,162	52	4,130	555	9,795
Orkhon	113	9	3,983	85	3,729	1,153	2,749	133	7,466	1,244	20,664
Selenge	64	15	6,434	131	6,391	1,969	3,531	364	9,262	1,989	30,150
Sukhbaatar	36	6	3,814	4	466	354	584	20	692	578	6,554
Tuv	1,012	91	35,333	435	24,884	11,372	28,274	1,657	50,808	12,004	165,870
Umnugobi	56	15	5,962	81	3,161	1,309	5,495	109	5,612	1,820	23,620
Uvs	26	7	673	18	317	197	329	31	1,330	175	3,103
Uvurkhangai	208	24	4,203	56	3,256	1,145	2,775	64	9,049	1,272	22,052
Zavkhan	70	5	1,250	14	759	331	609	52	2,322	326	5,738
?	77	3	463	37	200	115	208	231	565	122	2,021
TOTAL	2,766	250	112,125	1,240	65,078	27,695	62,773	3,478	135,983	29,708	441,096