

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 dzud.

NUMBERS AT A GLANCE

2,591,488

cumulative movements tracked by DTM flow monitoring points (FMP)

33,136 ↓

Movements tracked in the past 24 hrs

10,805 (R)
43,559 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



52%
56%



31%
30%

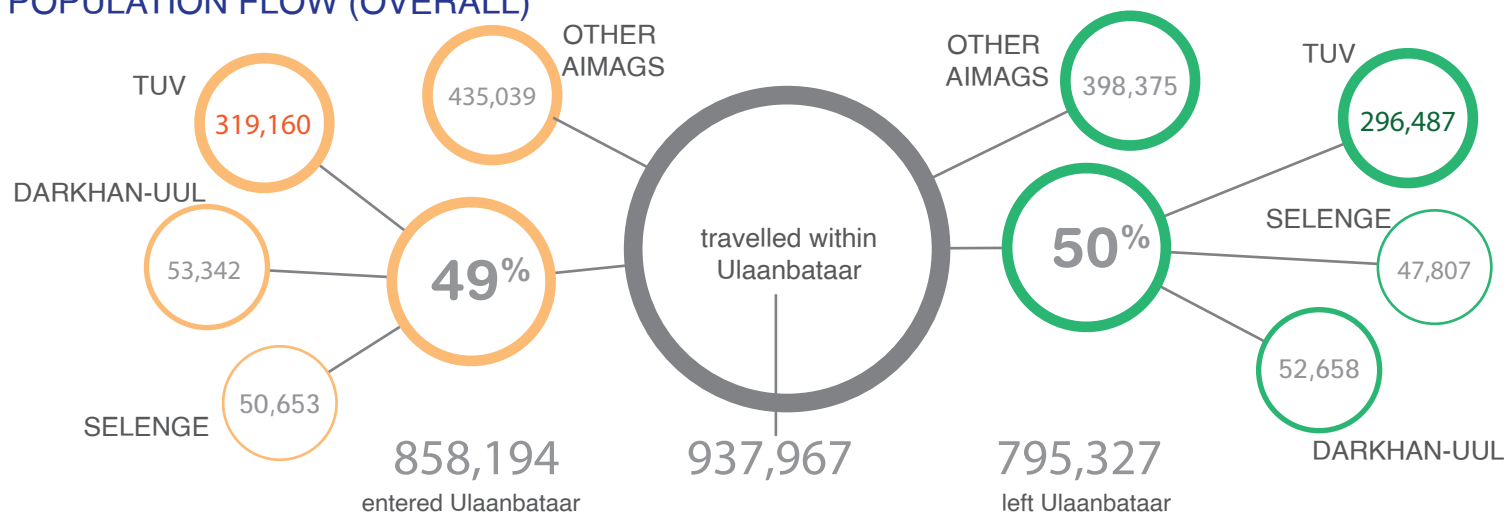


9%
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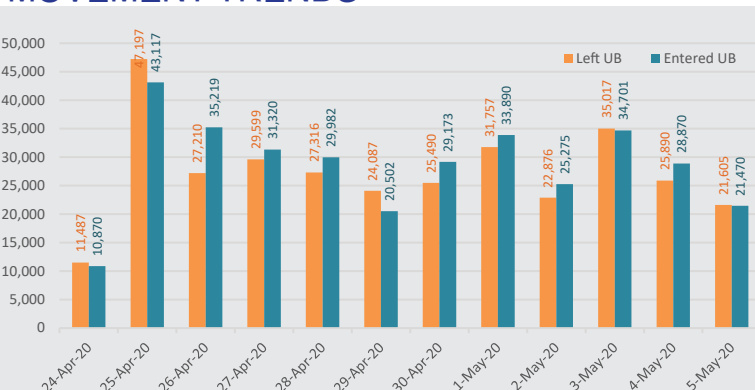


7%
6%

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS

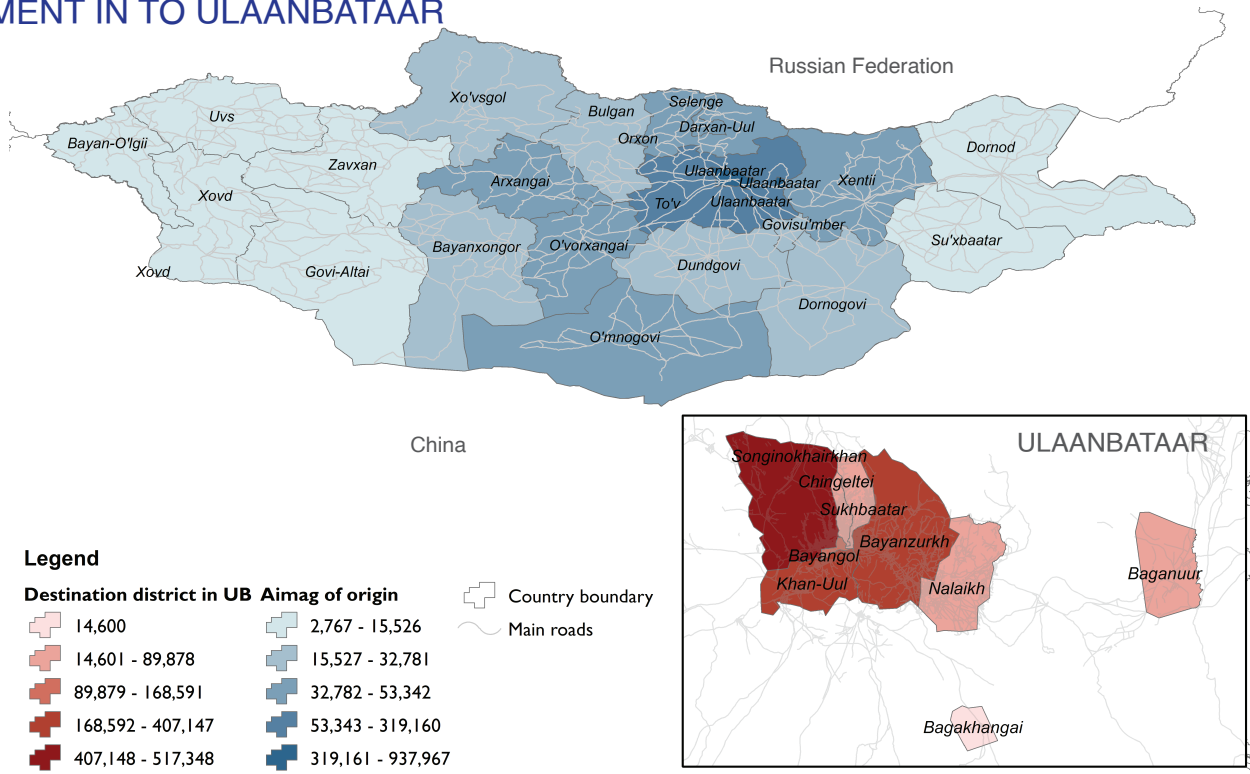


MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			5-May-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	378,508	197,455	181,053	4,541	2,494	2,047
Nalaikh	770,165	385,077	385,088	11,491	6,266	5,225
Morin	597,510	298,668	298,842	12,068	6,040	6,028
Emeelt	907,377	486,260	421,117	13,002	5,579	7,423
Gunt	472,818	236,935	235,883	1,973	1,091	882
Total	3,528,395	1,795,715	1,732,680	43,075	21,470	21,605



MOVEMENT IN TO ULAANBATAAR



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

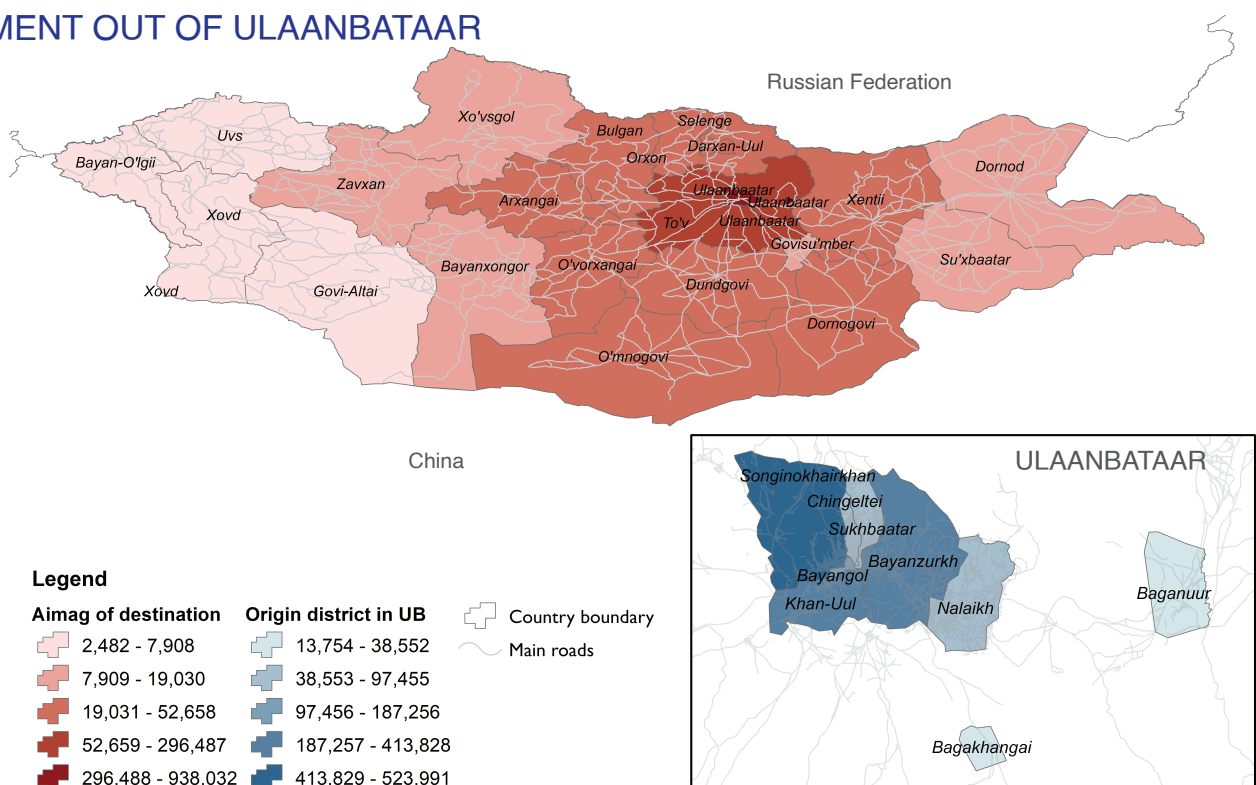
DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	5,397	12,845	35,594	56,234	113,374	45,266	288,939	61,177	281,198	37,943	937,967
Arkhangai	197	27	63	7,327	9,177	3,076	4,501	177	15,081	2,558	42,184
Bayankhongor	106	25	55	2,808	4,242	1,341	2,139	168	8,067	1,484	20,435
Bayan-Ulgii	23	5	1	388	661	105	148	48	1,159	229	2,767
Bulgan	212	27	63	5,832	7,692	2,358	4,120	114	10,292	2,071	32,781
Darkhan-Uul	283	50	138	8,211	10,023	2,764	5,867	355	22,322	3,329	53,342
Dornod	132	37	16	1,554	7,777	1,042	1,773	121	1,765	1,309	15,526
Dornogobi	379	41	98	5,047	11,238	1,489	3,515	382	3,606	2,188	27,983
Dundgobi	181	22	90	4,115	9,849	1,603	5,146	180	4,968	2,073	28,227
Gobi-Altai	48	24	36	1,088	1,967	502	864	34	3,865	561	8,989
Gobisumber	317	25	141	2,950	10,435	866	1,997	375	1,955	1,447	20,508
Khentii	281	49	33	3,653	22,202	2,117	3,511	460	3,592	2,871	38,769
Khovd	14	2	12	936	1,714	390	968	52	4,068	370	8,526
Khuvsgul	121	35	102	3,672	5,124	1,510	2,571	131	8,194	1,622	23,082
Orkhon	184	5	128	7,402	8,309	1,856	5,377	223	11,668	2,541	37,693
Selenge	191	42	206	11,690	11,714	3,476	5,991	395	13,312	3,636	50,653
Sukhbaatar	88	41	46	1,185	7,262	665	1,092	148	1,142	1,004	12,673
Tuv	1,981	271	1,062	48,021	68,813	21,741	55,877	8,419	89,555	23,420	319,160
Umnugobi	185	11	127	5,230	9,416	1,752	9,416	240	8,424	2,370	37,171
Uvurkhangai	248	63	137	7,220	10,108	2,791	6,403	258	18,945	2,680	48,853
Zavkhan	73	18	29	2,273	3,763	850	1,599	80	4,850	1,069	14,604
Uvs	38	8	21	1,081	2,117	508	962	99	4,015	435	9,284
?	89	15	323	567	1,408	190	721	407	927	337	4,984
TOTAL	10,768	13,688	38,521	188,484	338,385	98,258	413,497	74,043	522,970	97,547	1,796,161

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	7,304	82	5,283	2,424	3,611	168	12,947	2,130	34,382
Bayankhongor	114	23	3,164	88	2,424	1,049	1,906	115	7,652	1,150	17,685
Bayan-Ulgii	2	-	634	-	425	111	159	17	981	153	2,482
Bulgan	264	1	6,132	50	4,646	1,978	3,274	65	9,260	1,690	27,360
Darkhan-Uul	162	32	8,578	133	6,985	2,549	5,142	324	25,714	3,039	52,658
Dornod	143	23	8,883	27	1,535	979	1,714	226	1,546	1,270	16,346
Dornogobi	397	18	12,346	201	5,275	1,822	3,953	335	3,680	2,067	30,094
Dundgobi	137	20	9,744	95	3,647	1,519	5,086	135	5,500	2,217	28,100
Gobi-Altai	31	9	1,502	47	757	389	769	80	3,930	394	7,908
Gobisumber	244	22	9,962	101	2,569	903	1,909	343	1,853	1,124	19,030
Khentii	315	57	22,038	61	3,466	1,837	3,054	397	3,073	2,596	36,894
Khovd	31	3	1,404	15	761	257	705	57	3,271	340	6,844
Khuvsgul	98	11	3,782	23	2,378	1,077	1,995	75	7,890	1,116	18,445
Orkhon	179	13	6,773	130	6,353	1,834	4,572	193	12,697	2,057	34,801
Selenge	137	24	10,050	210	10,745	3,188	5,445	469	14,296	3,243	47,807
Sukhbaatar	130	27	7,583	37	1,000	654	1,103	85	1,093	1,154	12,866
Tuv	1,663	208	65,459	1,093	42,929	20,215	50,614	7,776	85,131	21,399	296,487
Umnugobi	107	31	10,675	175	5,464	2,278	9,666	271	8,921	3,139	40,727
Uvs	57	8	1,514	25	811	381	798	47	3,086	408	7,135
Uvurkhangai	251	49	7,468	126	5,763	2,148	4,954	140	16,403	2,227	39,529
Zavkhan	70	17	2,813	29	1,645	645	1,294	105	4,929	641	12,188
?	323	30	1,240	89	519	243	1,108	560	1,134	313	5,559
TOTAL	5,241	673	209,048	2,837	115,380	48,480	112,831	11,983	234,987	53,867	795,327