

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

3,285,765

cumulative movements tracked by DTM flow monitoring points (FMP)

38,173 ↓

Movements tracked in the past 24 hrs

13,110 (R)
41,717 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

52%
50%



WOMEN

31%
31%



BOYS

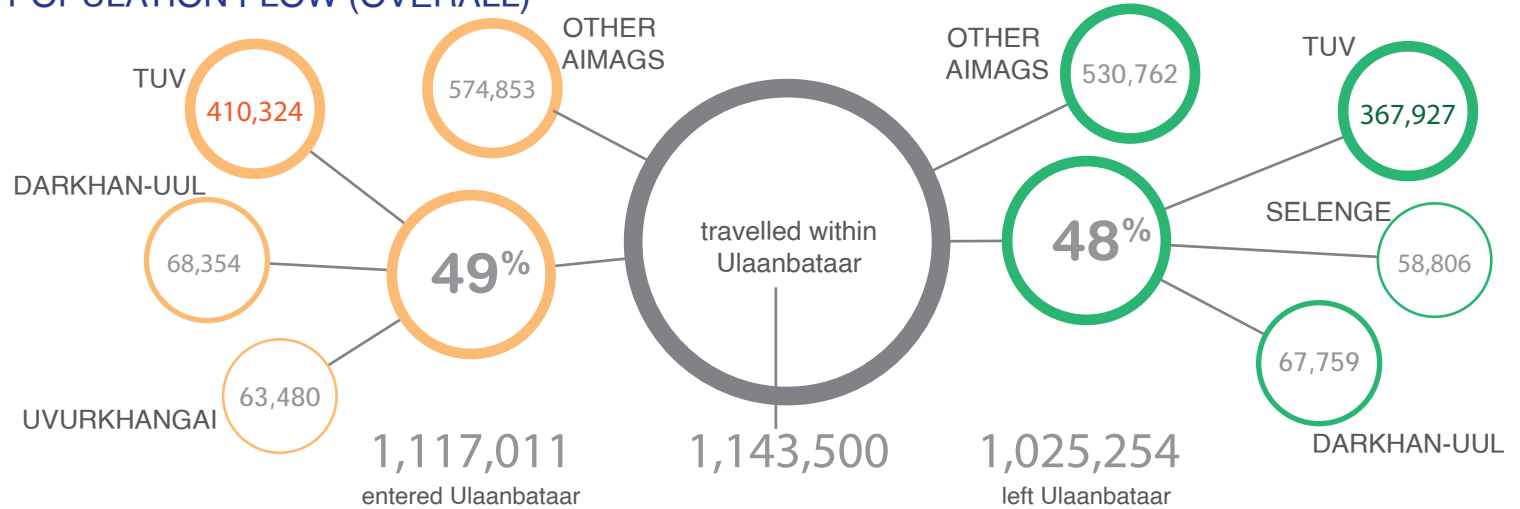
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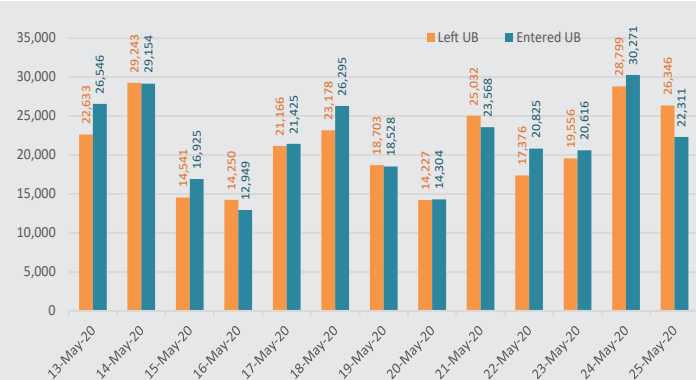
GIRLS

7%
7%

POPULATION FLOW (OVERALL)



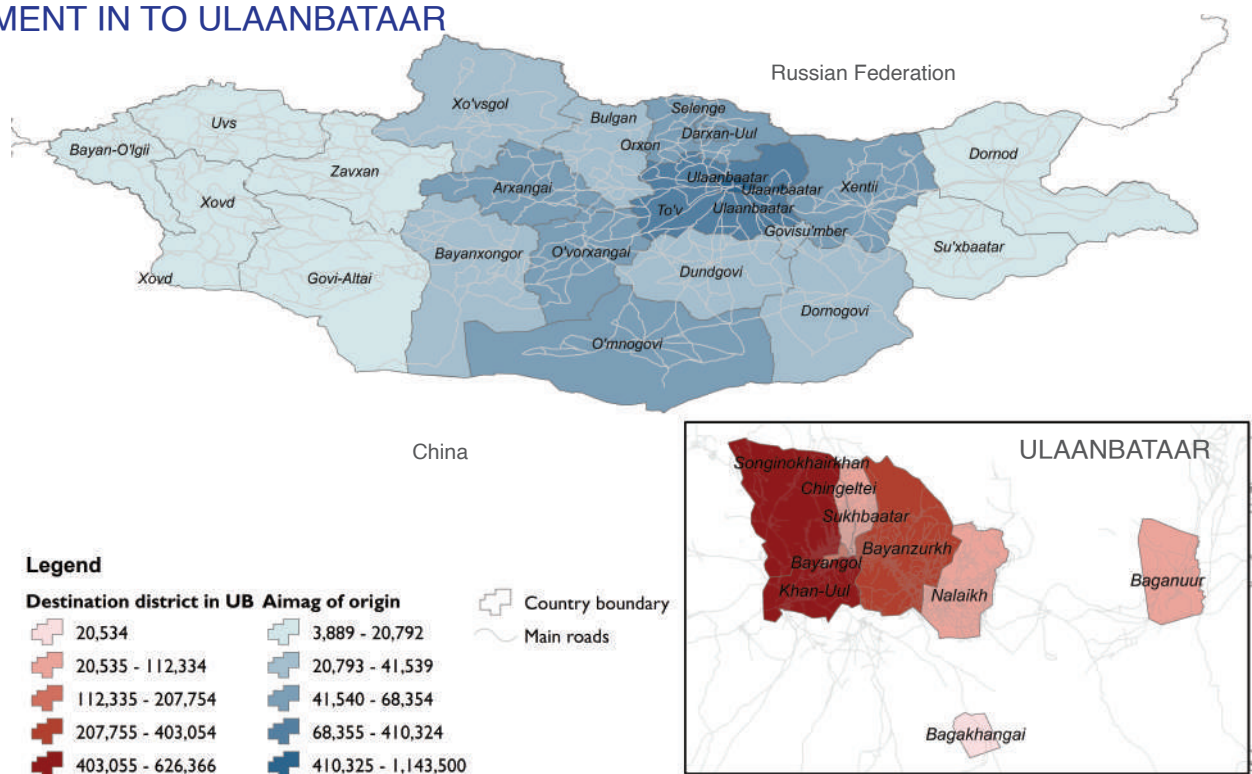
MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			25-May-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	468,914	248,033	220,881	4,768	2,356	2,412
Nalaikh	984,127	490,393	493,734	15,548	7,297	8,251
Morin	794,287	397,156	397,131	5,514	2,827	2,687
Emeelt	1,183,683	634,678	549,005	12,264	4,599	7,665
Gunt	595,177	298,485	296,692	10,563	5,232	5,331
Total	4,428,205	2,260,065	2,168,140	48,657	22,311	26,346

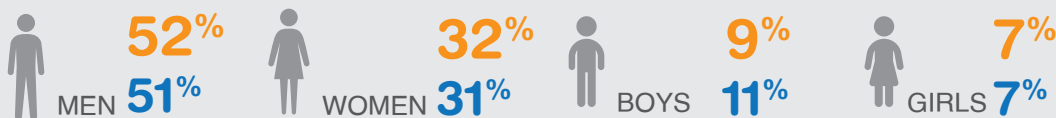
MOVEMENT IN TO ULAANBATAAR



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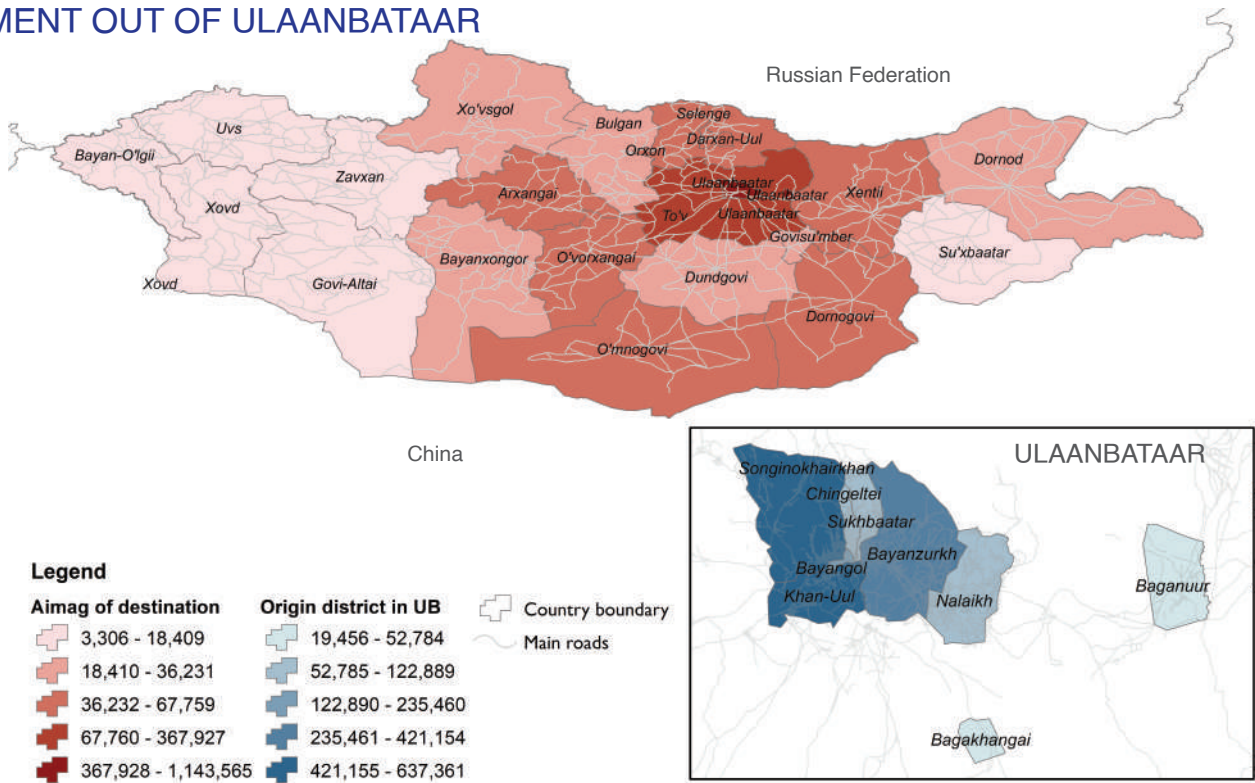
DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	6,579	18,336	48,693	66,843	134,488	55,481	378,066	64,402	325,110	45,502	1,143,500
Arkhangai	262	34	82	9,217	11,567	3,938	5,885	248	20,546	3,139	54,918
Bayankhongor	144	25	74	3,511	5,544	1,714	2,846	213	11,101	1,807	26,979
Bayan-Ulgii	23	5	1	468	832	172	185	51	1,862	290	3,889
Bulgan	257	27	83	7,287	9,690	3,003	5,222	128	13,329	2,513	41,539
Darkhan-Uul	335	67	186	10,302	12,437	3,348	7,361	429	29,692	4,197	68,354
Dornod	141	37	23	2,099	10,691	1,326	2,361	162	2,171	1,781	20,792
Dornogobi	419	69	169	7,363	16,000	2,167	5,089	693	4,758	3,183	39,910
Dundgobi	269	22	118	5,360	13,242	2,186	7,004	241	6,916	2,786	38,144
Gobi-Altai	51	30	39	1,298	2,389	627	1,144	51	5,211	645	11,485
Gobisumber	347	32	174	4,038	14,488	1,162	2,811	599	2,525	1,860	28,036
Khentii	321	56	56	4,858	30,396	2,784	4,584	634	4,668	3,779	52,136
Khovd	18	2	20	1,181	2,043	474	1,130	58	5,819	410	11,155
Khuvsgul	143	35	117	4,435	6,522	1,920	3,124	176	11,644	1,960	30,076
Orkhon	248	7	142	9,721	10,605	2,389	6,841	274	15,660	3,093	48,980
Selenge	239	46	247	14,734	14,497	4,439	7,462	459	16,587	4,490	63,200
Sukhbaatar	114	44	74	1,581	10,012	960	1,548	228	1,526	1,343	17,430
Tuv	2,346	378	1,559	60,216	89,075	27,629	71,502	14,166	114,285	29,168	410,324
Umnugobi	241	11	198	6,816	12,738	2,313	12,749	304	10,623	3,058	49,051
Uvurkhangai	326	65	146	8,799	12,847	3,557	8,169	323	25,690	3,558	63,480
Zavkhan	89	50	29	2,762	4,754	1,061	2,035	90	6,616	1,278	18,764
Uvs	40	11	27	1,390	2,698	608	1,227	110	5,622	552	12,285
?	98	30	480	677	1,556	220	972	420	1,241	390	6,084
TOTAL	13,050	19,419	52,737	234,956	429,111	123,478	539,317	84,459	643,202	120,782	2,260,511

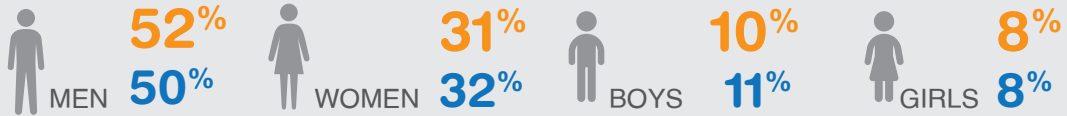
MOVEMENT OUT OF ULAANBATAAR



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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	421	50	9,486	93	6,857	3,146	4,725	256	17,350	2,930	45,314
Bayankhongor	123	27	4,157	96	3,119	1,380	2,548	138	9,951	1,589	23,128
Bayan-Ulgii	4	-	806	-	513	170	198	29	1,390	196	3,306
Bulgan	321	3	7,720	68	5,830	2,437	4,285	91	11,999	2,194	34,948
Darkhan-Uul	255	45	10,789	202	8,996	3,285	6,655	477	32,667	4,388	67,759
Dornod	166	33	12,426	56	2,202	1,282	2,406	419	1,975	1,699	22,664
Dornogobi	419	33	18,205	282	7,427	2,518	5,741	616	4,765	2,926	42,932
Dundgobi	155	23	12,645	157	4,572	1,896	6,845	200	6,950	2,788	36,231
Gobi-Altai	40	13	1,858	66	1,046	521	1,034	89	5,089	585	10,341
Gobisumber	249	44	13,866	161	3,518	1,172	2,681	566	2,481	1,560	26,298
Khentii	341	67	30,926	81	4,659	2,589	4,341	866	4,037	3,687	51,594
Khovd	31	5	1,821	19	1,031	349	942	76	4,572	470	9,316
Khuvsgul	106	11	5,074	43	3,369	1,456	2,640	105	10,300	1,615	24,719
Orkhon	209	16	8,694	180	8,303	2,273	6,040	246	16,056	2,706	44,723
Selenge	191	41	12,492	259	13,313	4,031	6,613	525	17,235	4,106	58,806
Sukhbaatar	148	29	10,785	82	1,493	888	1,599	264	1,530	1,591	18,409
Tuv	2,013	285	82,668	1,639	51,831	24,933	63,991	12,657	101,691	26,219	367,927
Umnugobi	125	37	13,246	232	6,749	2,842	13,017	331	11,105	3,762	51,446
Uvs	65	10	2,064	33	1,249	552	1,140	79	4,311	643	10,146
Uvurkhangai	294	59	9,706	152	7,468	2,815	6,604	226	21,471	3,068	51,863
Zavkhan	77	17	3,830	29	2,293	922	1,754	115	6,558	961	16,556
?	359	33	1,478	107	664	310	1,293	585	1,556	443	6,828
TOTAL	6,112	881	274,742	4,037	146,502	61,767	147,092	18,956	295,039	70,126	1,025,254