

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 300 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

1,330,276

cumulative movements tracked by DTM flow monitoring points (FMP)

68,458 ↑

Movements tracked in the past 24 hrs

10,196 (R)
43,333 (N)

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

DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



MEN

51%
48%



WOMEN

31%
32%



BOYS

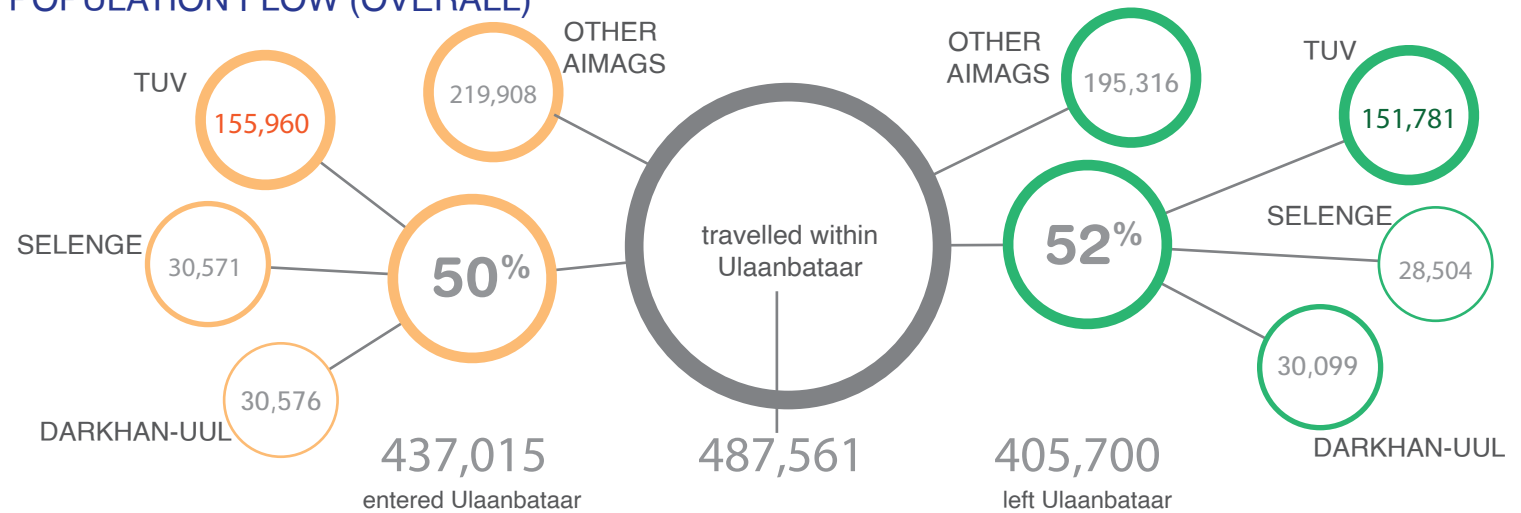
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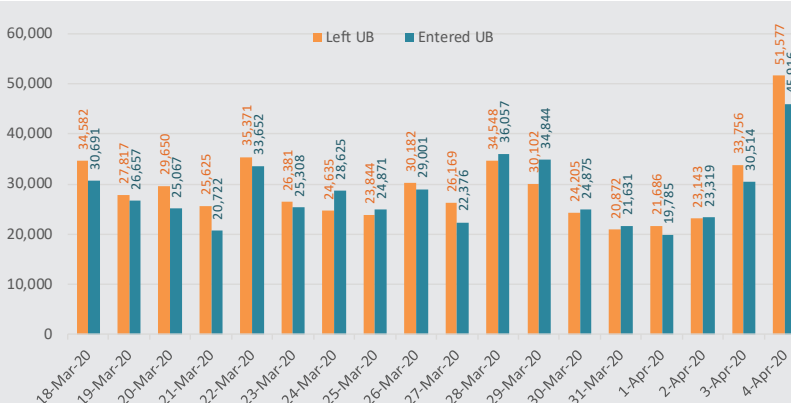
GIRLS

8%
9%

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS

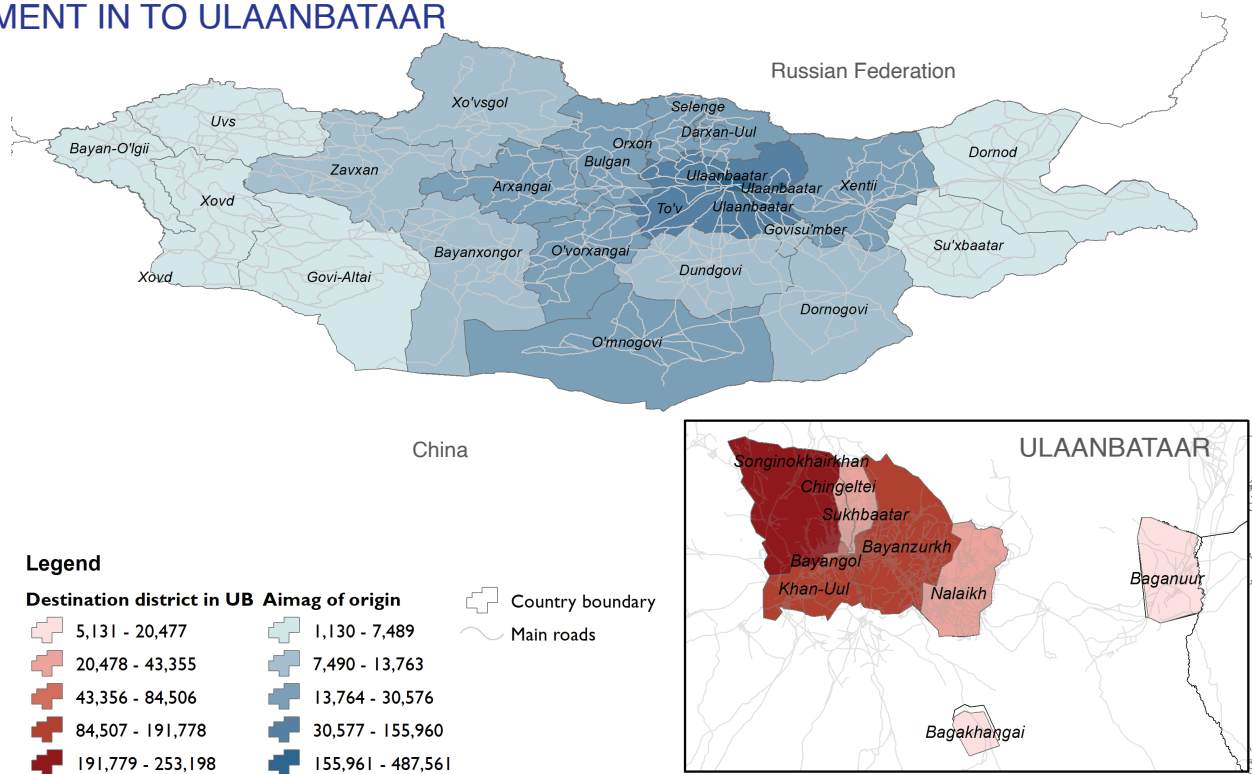


MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			4-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	306,021	147,004	159,017	13,224	5,701	7,523
Baruunturuun	198,737	100,183	98,554	9,026	4,443	4,583
Nalaikh	396,779	199,541	197,238	24,901	11,915	12,986
Morin	280,471	140,400	140,071	13,154	6,567	6,587
Ulziit	452,251	245,508	206,743	26,718	12,456	14,262
Gunt	183,325	91,873	91,452	10,470	4,834	5,636
Total	1,817,584	924,509	893,075	97,493	45,916	51,577



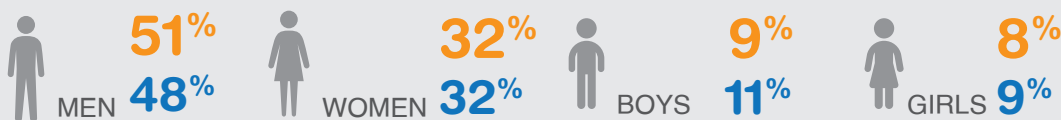
MOVEMENT IN TO ULAANBATAAR



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

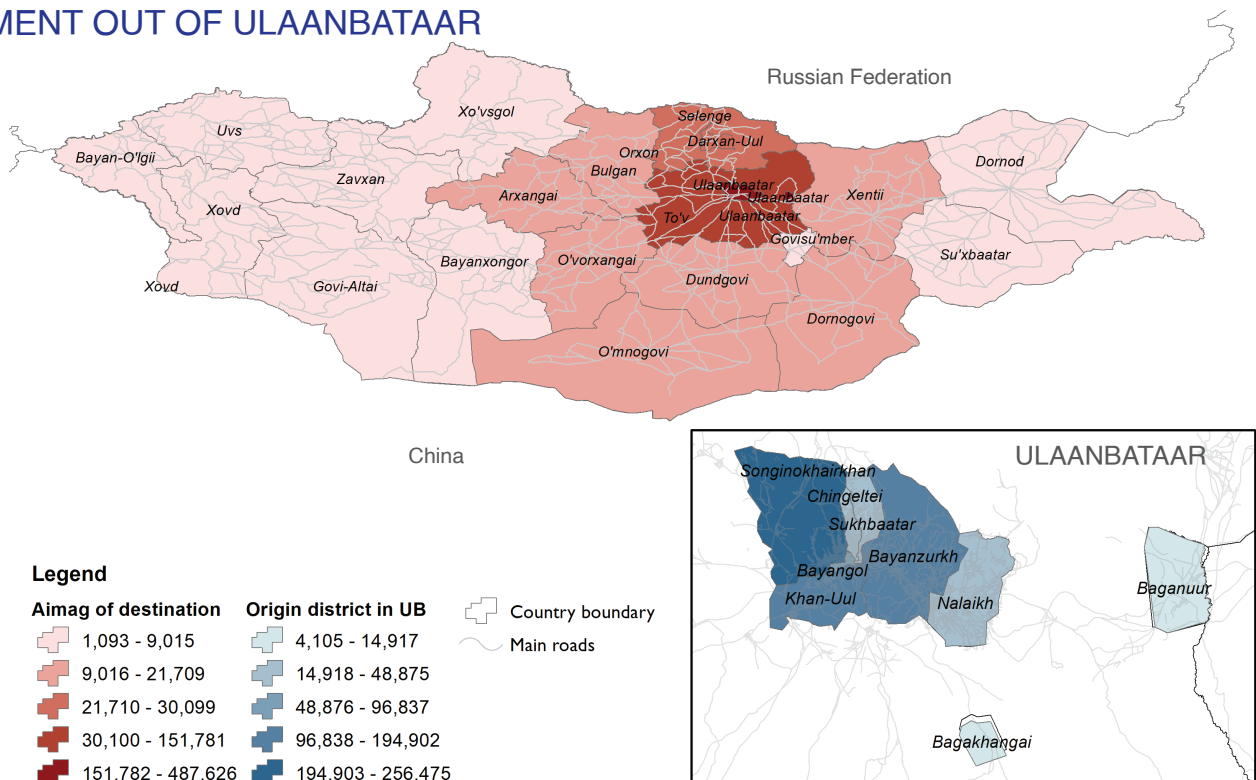
DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs



destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	1,526	3,806	14,100	29,904	67,422	20,263	140,273	39,702	150,215	20,350	487,561
Arkhangai	105	12	49	4,102	5,191	1,668	2,536	127	8,062	1,480	23,332
Bayankhongor	52	3	38	1,503	2,417	746	1,120	91	4,094	826	10,890
Bayan-Ulgii	6	-	-	143	275	47	55	10	475	119	1,130
Bulgan	134	18	35	3,201	4,294	1,290	2,301	64	5,287	1,060	17,684
Darkhan-Uul	172	33	97	4,873	5,954	1,649	3,458	269	12,131	1,940	30,576
Dornod	29	5	-	834	3,623	549	823	27	927	672	7,489
Dornogobi	47	14	15	2,004	4,444	543	1,318	40	1,608	855	10,888
Dundgobi	47	3	16	2,093	4,668	775	2,530	11	2,587	1,033	13,763
Gobi-Altai	23	11	31	652	1,131	310	436	19	1,867	332	4,812
Gobisumber	28	5	18	1,367	4,474	428	868	41	890	704	8,823
Khentii	37	6	20	1,822	10,028	1,098	1,642	42	1,787	1,369	17,851
Khovd	5	-	12	541	1,010	252	571	40	1,819	143	4,393
Khuvsgul	55	25	71	2,257	2,952	751	1,462	58	4,162	824	12,617
Orkhon	86	4	67	3,930	4,727	1,059	2,996	169	6,288	1,535	20,861
Selenge	110	26	112	6,736	7,089	2,111	3,558	282	8,286	2,261	30,571
Sukhbaatar	32	5	15	586	3,401	286	452	38	522	435	5,772
Tuv	694	113	329	24,770	32,909	10,970	27,129	732	46,751	11,563	155,960
Umnugobi	88	5	34	2,475	4,448	853	4,380	60	4,405	1,012	17,760
Uvurkhangai	122	41	67	4,186	5,508	1,713	3,538	152	9,744	1,477	26,548
Zavkhan	42	10	12	1,311	2,216	489	942	45	2,510	621	8,198
Uvs	18	5	18	634	1,287	313	543	87	2,143	293	5,341
?	24	4	7	246	522	75	246	133	369	130	1,756
TOTAL	3,482	4,154	15,163	100,170	179,990	48,238	203,177	42,239	276,929	51,034	924,576

MOVEMENT OUT OF ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
 XX% - Past 24 hrs



51%
 46%



30%
 33%



10%
 12%



9%
 10%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	290	4	3,862	36	2,873	1,316	1,973	122	6,832	1,163	18,471
Bayankhongor	85	3	1,405	63	1,167	550	955	58	3,730	556	8,572
Bayan-Ulgii	-	-	271	-	200	34	67	1	453	67	1,093
Bulgan	193	1	3,330	23	2,663	1,217	1,859	25	5,230	924	15,465
Darkhan-Uul	111	11	5,035	64	4,115	1,480	3,053	214	14,403	1,613	30,099
Dornod	41	8	3,997	2	675	547	796	12	791	537	7,406
Dornogobi	49	5	5,475	41	2,143	824	1,643	23	1,693	817	12,713
Dundgobi	59	17	4,582	42	1,820	845	2,501	27	2,801	1,082	13,776
Gobi-Altai	31	9	730	18	296	204	365	35	1,797	182	3,667
Gobisumber	20	-	4,083	13	1,080	469	787	17	921	554	7,944
Khentii	70	8	9,889	17	1,640	936	1,319	19	1,583	1,234	16,715
Khovd	11	-	736	7	379	117	360	38	1,468	164	3,280
Khuvsgul	58	3	1,866	16	1,162	478	1,077	52	3,791	512	9,015
Orkhon	113	9	3,756	82	3,460	1,099	2,627	123	7,106	1,178	19,553
Selenge	64	15	6,083	120	6,007	1,851	3,335	353	8,786	1,890	28,504
Sukhbaatar	28	1	3,415	2	432	312	493	11	611	523	5,828
Tuv	915	76	31,612	322	23,114	10,510	25,975	807	47,409	11,041	151,781
Umnugobi	56	15	5,560	74	2,887	1,214	4,871	104	5,231	1,697	21,709
Uvs	26	7	624	18	275	189	301	27	1,241	160	2,868
Uvurkhangai	206	21	3,928	50	3,045	1,081	2,603	60	8,166	1,192	20,352
Zavkhan	70	5	1,156	14	704	313	570	52	2,160	291	5,335
?	66	1	295	31	157	106	152	167	489	90	1,554
TOTAL	2,562	219	101,690	1,055	60,294	25,692	57,682	2,347	126,692	27,467	405,700