MONGOLIA : COVID-19 PREPAREDNESS

FLOW MONITORING AT MAJOR CHECKPOINTS OF ULAANBAATAR

(Data collected: 08:00 hrs Feb 27th - 24:00 hrs March 12th, 2020)

SITREP # 15
13-Mar-2020
12:00 (GMT+8)

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 March 24th, 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

419,505
cumulative movements tracked by DTM flow monitoring points (FMP)

7,352▲
Movements tracked in the past 24 hrs

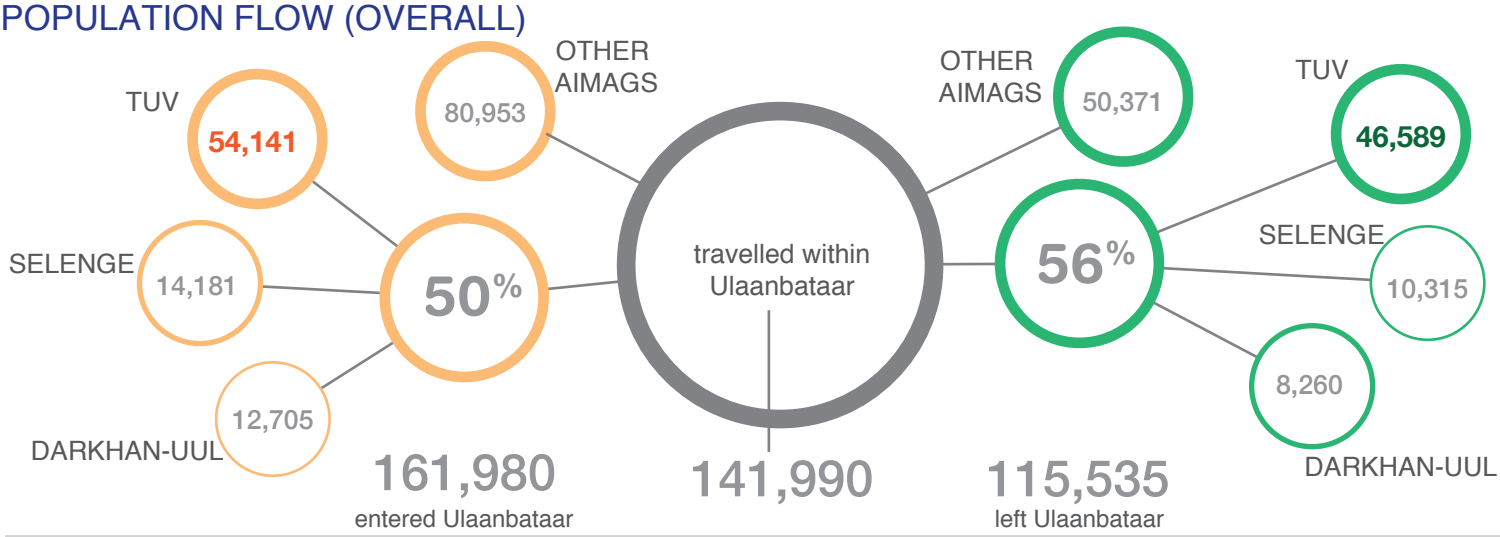
303,640
Tracked during removal of movement restrictions (3rd - 9th March)

DEMOGRAPHICS

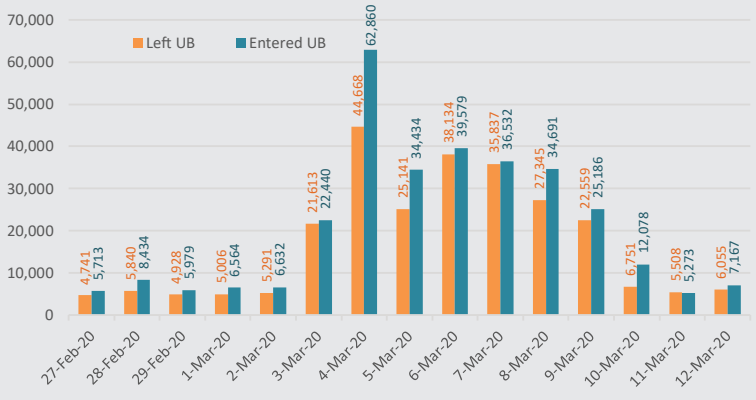
XX% - Overall
XX%- Past 24 hrs

	Overall	Past 24 hrs
MEN	49%	62%
WOMEN	31%	32%
BOYS	11%	3%
GIRLS	19%	3%

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

	OVERALL			12-Mar-20		
Checkpoint	TOTAL	IN	OUT	TOTAL	IN	OUT
Emeelt	160,779	103,182	57,597	1,287	762	525
Baruunturuun	122,517	61,675	60,842	1,844	922	922
Nalaikh	94,668	48,869	45,799	4,668	2,601	2,067
Morin	74,332	37,419	36,913	2,682	1,344	1,338
Ulziit	62,735	31,883	30,852	2,633	1,480	1,153
Gunt	57,948	30,534	27,414	108	58	50
Total	572,979	313,562	259,417	13,222	7,167	6,055

Please note that movement restrictions in Ulaanbaatar (inflow and outflow) are currently in place from 07:00 hrs 10th March to 07:00 hrs 16th March, 2020 (GMT +8). Previously the same restrictions were implemented from 8:00 hrs, February 23rd to 06:00 hrs March 3rd, 2020.

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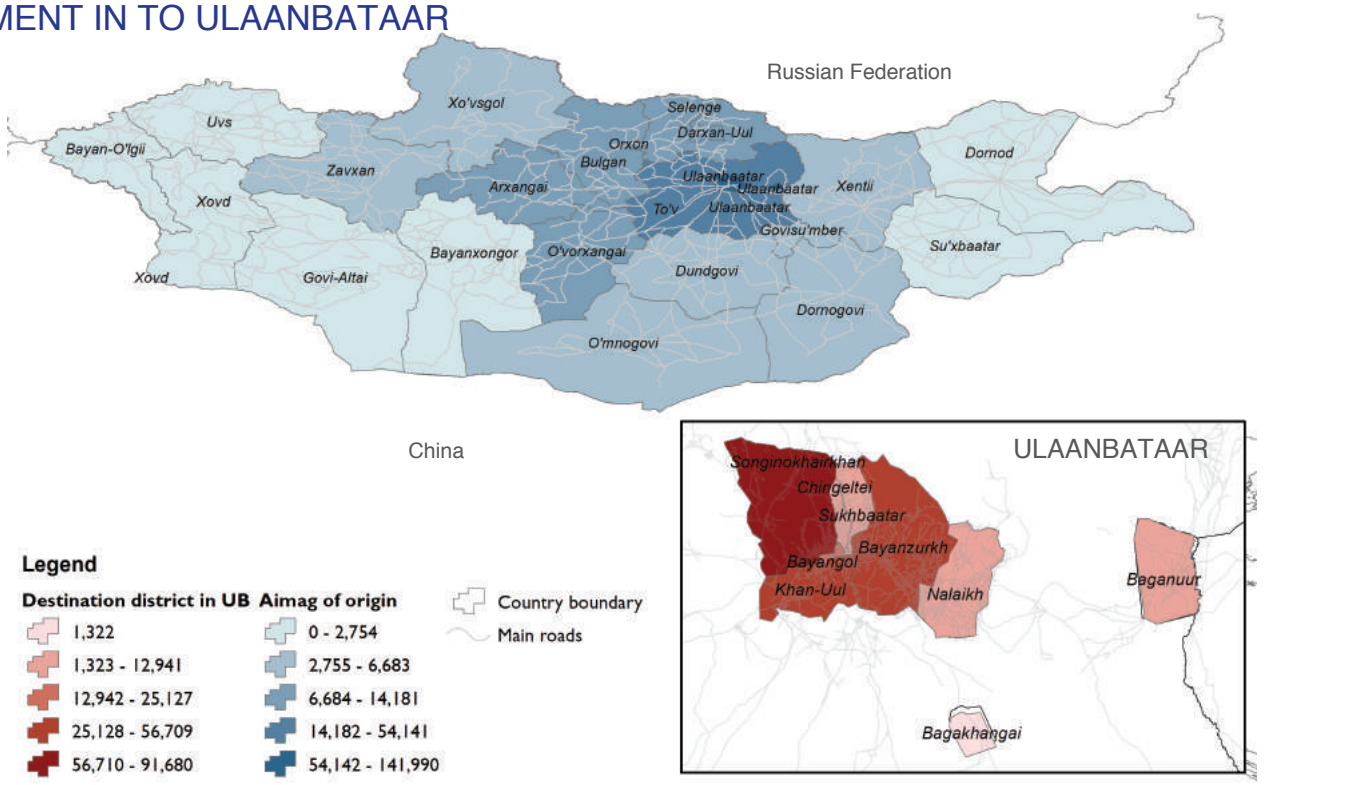
MOVEMENT IN TO ULAANBATAAR



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DEMOGRAPHICS

XX% - Overall
XX% - Past 24 hrs

	Overall	Past 24 hrs
MEN	48%	62%
WOMEN	32%	32%
BOYS	11%	3%
GIRLS	9%	3%

UB district of destination / Aimag of origin	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	383	955	4,394	9,801	16,371	6,090	39,156	6,044	52,984	5,812	141,990
Arkhangai	26	3	20	1,962	2,668	825	1,151	53	3,545	728	10,981
Bayankhongor	-	-	-	24	32	16	13	5	272	9	371
Bayan-Ulgii	4	-	-	46	94	20	21	6	122	43	356
Bulgan	45	18	19	1,592	2,028	590	1,082	41	2,230	533	8,178
Darkhan-Uul	28	13	44	2,228	2,865	816	1,541	130	4,127	913	12,705
Dornod	1	3	-	309	1,287	235	253	-	379	287	2,754
Dornogobi	14	6	3	609	1,431	171	333	13	452	314	3,346
Dundgobi	21	-	-	760	1,493	316	974	-	1,052	392	5,008
Gobi-Altai	4	4	19	307	600	135	207	3	632	155	2,066
Gobisumber	14	3	12	487	1,480	170	310	2	313	319	3,110
Khentii	3	3	11	726	3,726	434	501	4	614	661	6,683
Khovd	-	-	-	32	30	21	24	-	243	2	352
Khuvsgul	16	12	43	1,195	1,510	398	672	28	1,724	471	6,069
Orkhon	28	-	12	1,495	2,132	495	1,218	67	2,266	729	8,442
Selenge	60	7	63	3,022	3,422	1,109	1,601	128	3,623	1,146	14,181
Sukhbaatar	2	-	11	268	1,340	103	160	15	201	176	2,276
Tuv	160	56	163	8,657	11,486	4,190	8,355	250	16,815	4,009	54,141
Umnugobi	14	1	16	681	1,071	196	1,041	14	1,069	238	4,341
Uvurkhangai	57	5	48	2,116	2,633	844	1,805	85	3,966	680	12,239
Zavkhan	17	-	4	667	1,095	235	498	9	815	277	3,617
?	13	3	-	96	275	29	74	34	150	90	764
TOTAL	**910**	**1,092**	**4,882**	**37,080**	**59,069**	**17,438**	**60,990**	**6,931**	**97,594**	**17,984**	**303,970**

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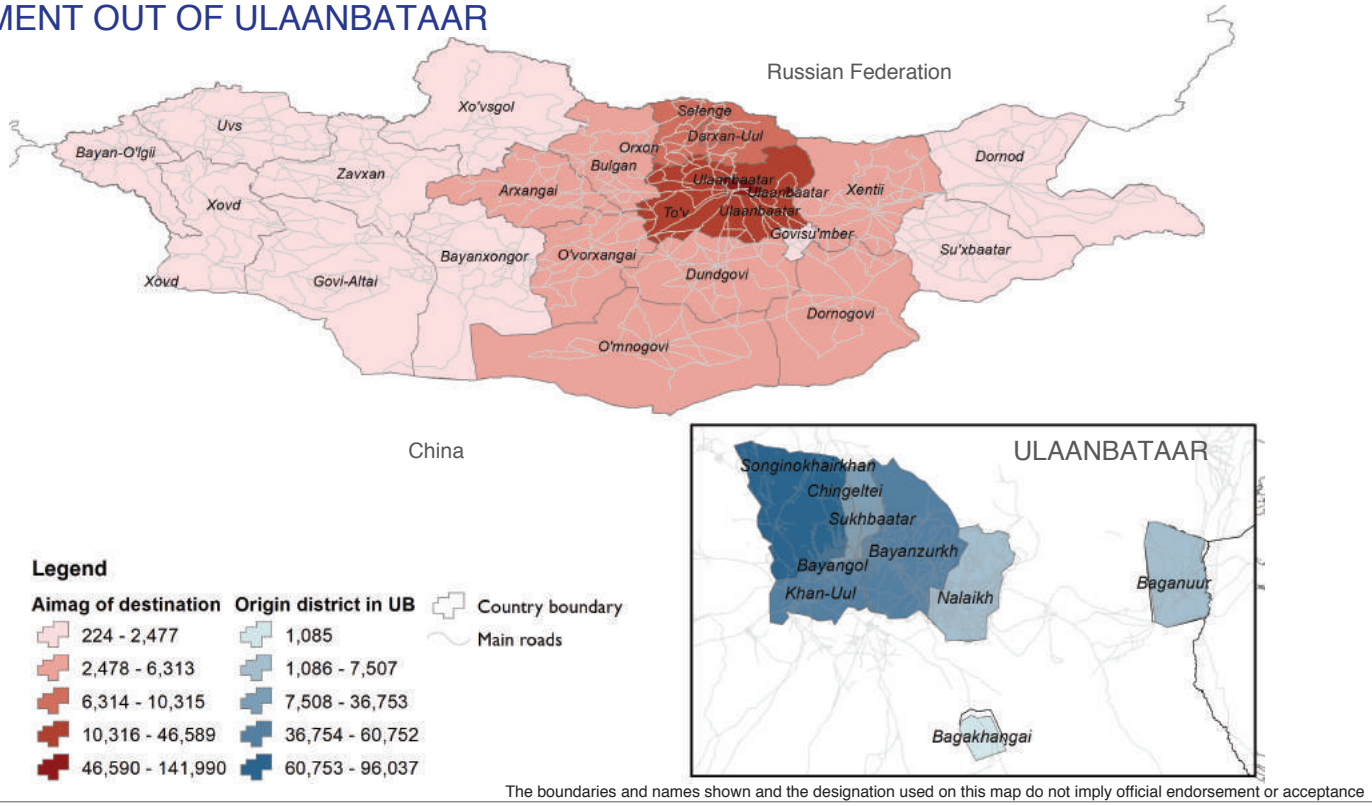

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DEMOGRAPHICS

XX% - Overall
XX%- Past 24 hrs

50% 51% | 29% 35% | 11% 7% | 10% 7%

UB District of origin / Aimag of destination	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Arkhangai	83	-	789	5	585	346	364	25	1,737	224	4,158
Bayankhongor	55	-	310	41	286	100	232	5	685	103	1,817
Bayan-Ulgii	-	-	87	-	56	-	12	-	48	21	224
Bulgan	73	-	850	13	592	268	436	16	1,254	194	3,696
Darkhan-Uul	30	-	1,734	35	1,320	504	904	106	3,062	565	8,260
Dornod	5	-	1,148	-	224	168	260	4	280	200	2,289
Dornogobi	30	-	1,853	10	717	301	420	-	452	314	4,097
Dundgobi	7	-	1,094	5	421	209	673	19	776	268	3,472
Gobi-Altai	17	5	110	13	67	47	75	6	236	65	641
Gobisumber	8	-	1,295	13	331	148	204	-	283	195	2,477
Khentii	7	4	3,014	6	594	324	387	-	436	404	5,176
Khovd	5	-	142	-	56	25	101	23	174	36	562
Khuvsgul	12	-	385	3	281	100	223	-	610	137	1,751
Orkhon	27	6	1,356	36	938	404	805	54	2,255	432	6,313
Selenge	13	3	2,326	76	2,040	647	1,228	179	3,113	690	10,315
Sukhbaatar	3	-	929	2	108	82	156	-	129	175	1,584
Tuv	281	40	9,702	130	6,914	3,479	7,640	213	14,923	3,267	46,589
Umnugobi	14	6	1,383	28	705	326	1,180	20	1,401	419	5,482
Uvs	15	-	95	-	35	34	55	21	196	37	488
Uvurkhangai	79	-	1,031	14	697	283	582	18	1,601	327	4,632
Zavkhan	17	-	234	7	100	43	127	4	415	63	1,010
?	24	-	72	6	54	38	46	18	222	22	502
TOTAL	**805**	**64**	**29,939**	**443**	**17,121**	**7,876**	**16,110**	**731**	**34,288**	**8,158**	**115,535**

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