MONGOLIA : COVID-19 PREPAREDNESS

FLOW MONITORING AT MAJOR CHECKPOINTS OF ULAANBAATAR

(Data collected: 08:00 hrs Feb 27th - 24:00 hrs May 3rd, 2020)

SITREP # 66
04-May-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 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

2,516,278
cumulative movements tracked by DTM flow monitoring points (FMP)

50,884
Movements tracked in the past 24 hrs

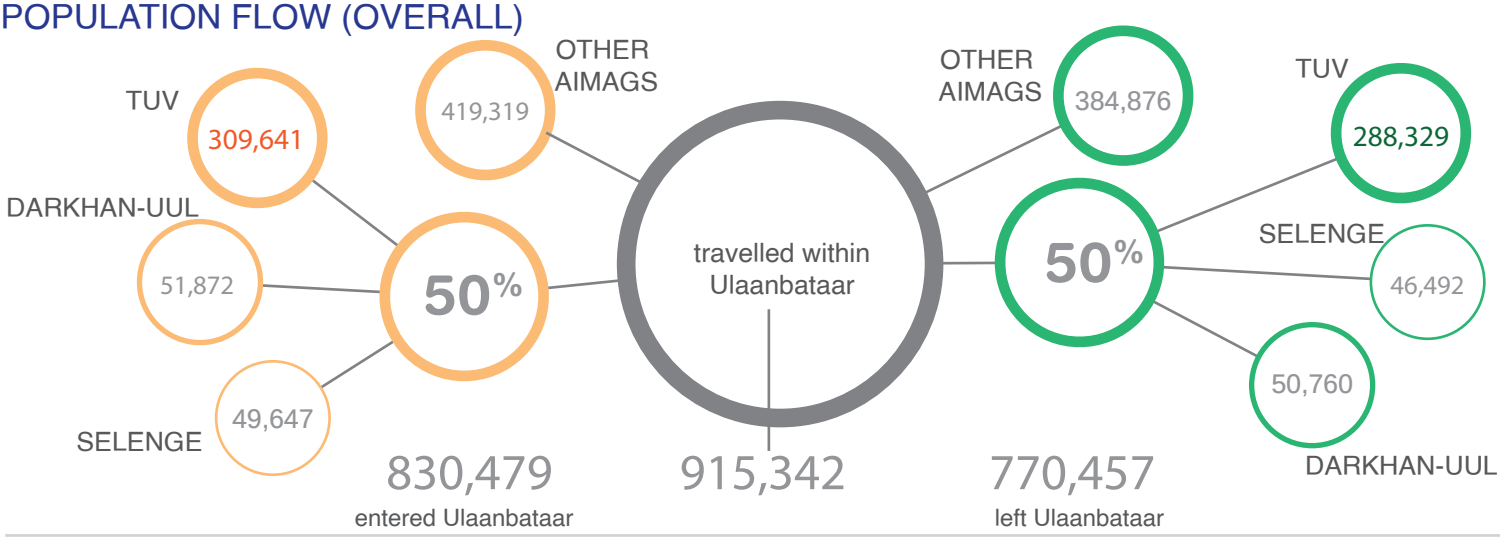
10,805 (R)
43,783 (N)
Average movement per day during restricted (R) and unrestricted (N) periods

DEMOGRAPHICS

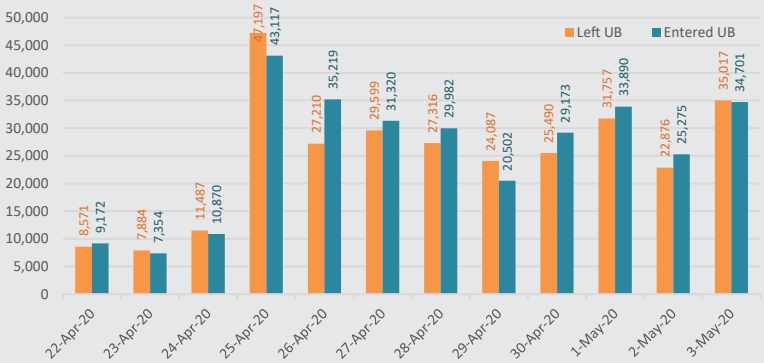
XX% - Overall
XX%- Past 24 hrs

MEN	52%	50%
WOMEN	31%	32%
BOYS	9%	10%
GIRLS	8%	7%

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

	OVERALL			3-May-20		
Checkpoint	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	368,704	192,116	176,588	5,169	1,936	3,233
Nalaikh	744,043	370,946	373,097	12,013	6,160	5,853
Morin	576,794	288,304	288,490	17,599	8,804	8,795
Emeelt	878,180	471,981	406,199	19,635	10,034	9,601
Gunt	460,822	230,708	230,114	15,302	7,767	7,535
Total	3,430,560	1,745,375	1,685,185	69,718	34,701	35,017

International Organization for Migration (IOM)
The UN Migration Agency

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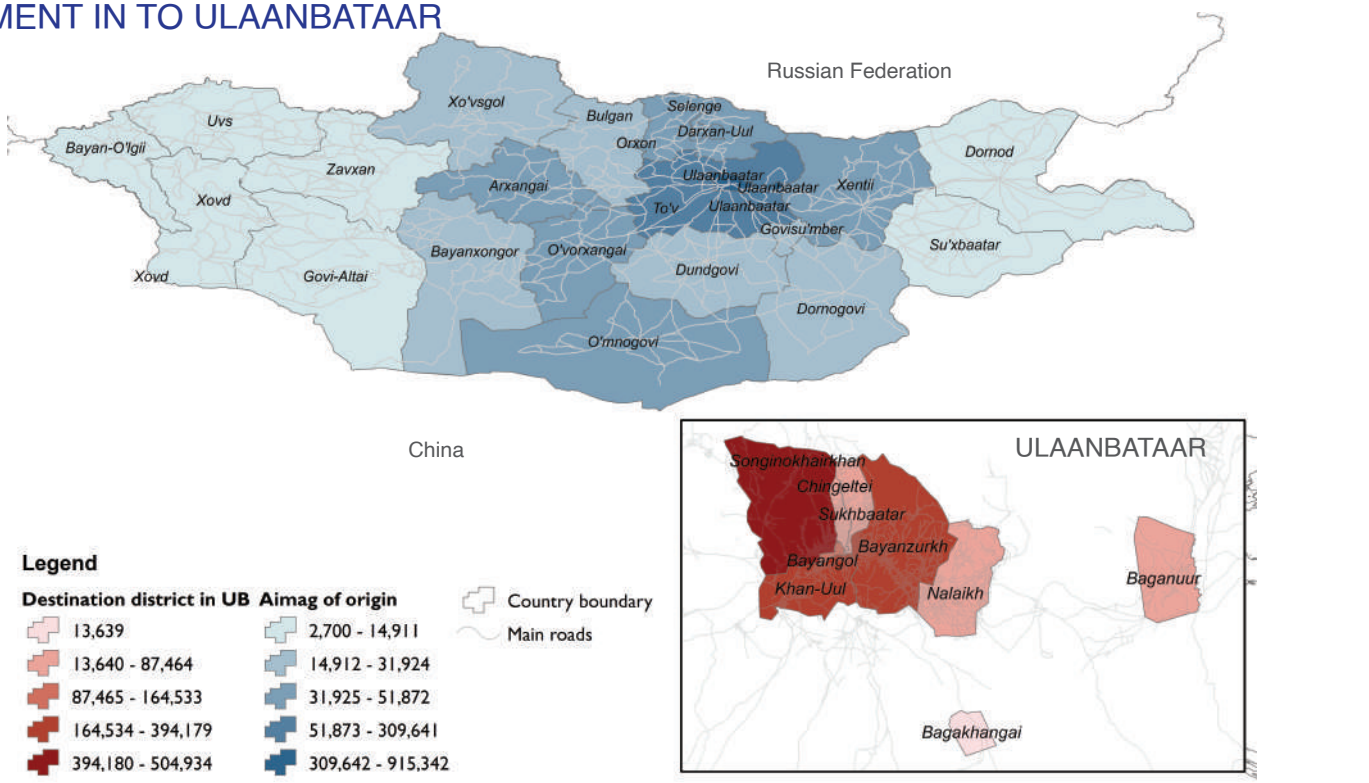
MOVEMENT IN TO ULAANBATAAR



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of / destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	5,269	11,958	34,343	55,183	110,754	44,387	279,263	60,501	276,900	36,784	915,342
Arkhangai	197	21	63	7,144	8,950	2,977	4,391	177	14,496	2,493	40,909
Bayankhongor	101	23	55	2,764	4,127	1,325	2,097	161	7,796	1,456	19,905
Bayan-Ulgii	23	5	1	377	635	105	147	48	1,135	224	2,700
Bulgan	210	22	63	5,691	7,549	2,312	3,980	114	9,978	2,005	31,924
Darkhan-Uul	283	50	134	8,026	9,787	2,700	5,701	355	21,576	3,260	51,872
Dornod	132	37	16	1,512	7,432	1,019	1,712	103	1,691	1,257	14,911
Dornogobi	379	41	98	4,698	10,473	1,375	3,323	342	3,405	1,988	26,122
Dundgobi	172	19	81	3,985	9,469	1,539	4,907	165	4,777	1,970	27,084
Gobi-Altai	48	19	36	1,060	1,891	485	831	34	3,687	541	8,632
Gobisumber	317	25	129	2,784	9,828	829	1,888	325	1,869	1,351	19,345
Khentii	281	45	33	3,470	21,139	2,013	3,369	429	3,420	2,761	36,960
Khovd	14	2	12	898	1,656	382	936	52	3,899	367	8,218
Khuvsgul	116	35	102	3,602	4,979	1,434	2,526	127	7,801	1,600	22,322
Orkhon	171	5	128	7,259	8,102	1,824	5,263	216	11,370	2,498	36,836
Selenge	186	40	201	11,448	11,473	3,383	5,907	386	13,052	3,571	49,647
Sukhbaatar	88	41	46	1,129	6,931	629	1,019	140	1,102	973	12,098
Tuv	1,951	268	1,016	46,796	66,618	21,186	54,434	7,579	87,042	22,751	309,641
Umnugobi	175	11	127	4,991	9,050	1,677	9,038	232	8,229	2,300	35,830
Uvurkhangai	245	60	137	7,057	9,871	2,702	6,253	251	18,346	2,550	47,472
Zavkhan	73	18	27	2,220	3,661	830	1,556	80	4,629	1,053	14,147
Uvs	38	8	21	1,051	2,088	501	934	98	3,809	432	8,980
?	89	15	323	563	1,382	190	711	405	910	336	4,924
TOTAL	**10,558**	**12,768**	**37,192**	**183,708**	**327,845**	**95,804**	**400,186**	**72,320**	**510,919**	**94,521**	**1,745,821**

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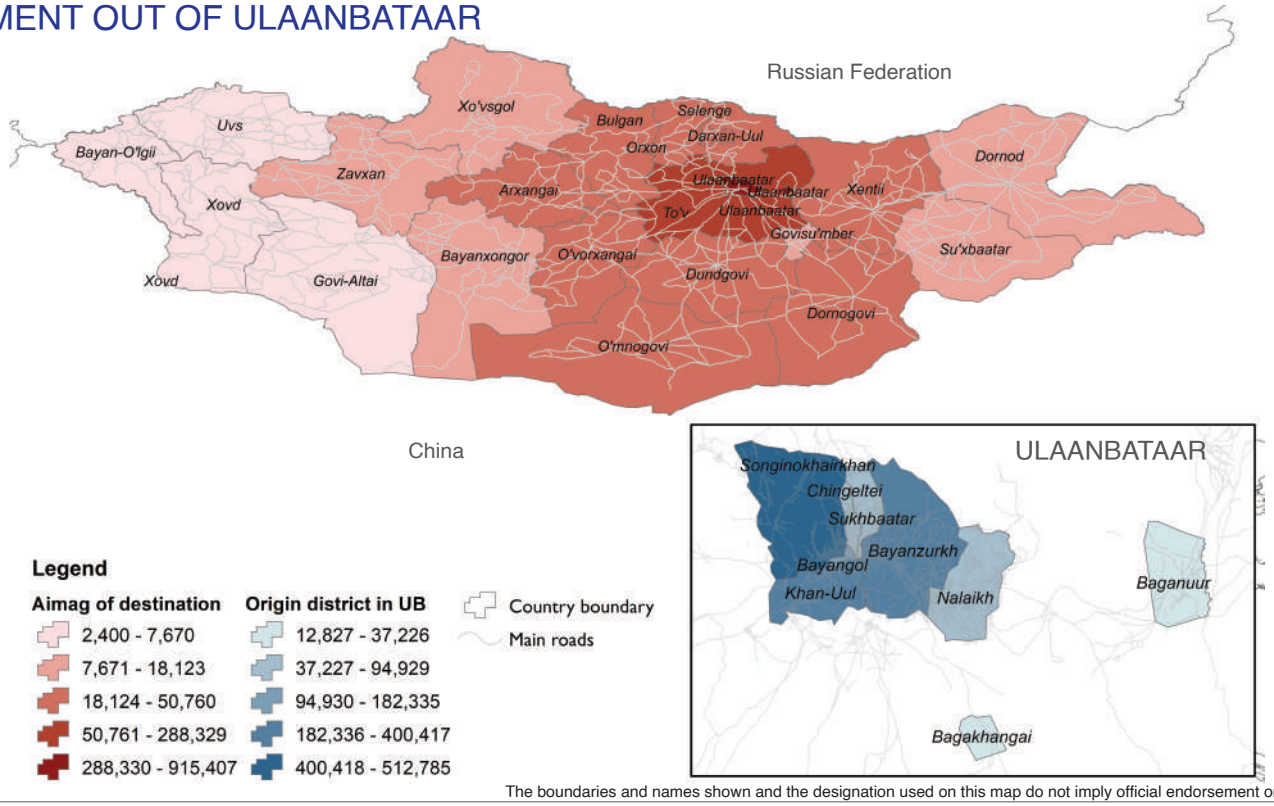

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UB District of origin / Aimag of destination	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Arkhangai	376	45	7,076	71	5,144	2,370	3,506	168	12,607	2,072	33,435
Bayankhongor	104	23	3,040	88	2,358	1,011	1,824	105	7,356	1,118	17,027
Bayan-Ulgii	2	-	623	-	425	107	156	17	919	151	2,400
Bulgan	253	1	5,914	50	4,496	1,913	3,194	65	9,010	1,635	26,531
Darkhan-Uul	161	27	8,318	132	6,773	2,445	4,929	306	24,769	2,900	50,760
Dornod	136	23	8,529	26	1,476	940	1,665	220	1,520	1,220	15,755
Dornogobi	361	18	11,710	184	5,082	1,741	3,810	304	3,589	1,998	28,797
Dundgobi	127	20	9,468	95	3,544	1,432	4,920	127	5,293	2,143	27,169
Gobi-Altai	31	9	1,445	47	728	369	735	80	3,843	383	7,670
Gobisumber	226	20	9,382	96	2,512	872	1,816	314	1,801	1,084	18,123
Khentii	309	57	21,369	53	3,370	1,799	2,925	370	2,985	2,532	35,769
Khovd	31	-	1,375	15	741	245	700	55	3,190	326	6,678
Khuvsgul	98	11	3,656	23	2,262	1,029	1,927	75	7,687	1,056	17,824
Orkhon	160	11	6,553	130	6,163	1,790	4,436	179	12,319	1,967	33,708
Selenge	118	21	9,801	210	10,458	3,070	5,326	458	13,879	3,151	46,492
Sukhbaatar	130	22	7,320	34	955	630	1,057	85	1,076	1,116	12,425
Tuv	1,588	198	63,541	1,067	41,939	19,765	49,288	7,199	82,791	20,953	288,329
Umnugobi	107	31	10,320	168	5,293	2,186	9,382	259	8,665	3,062	39,473
Uvs	55	8	1,452	25	783	378	768	41	2,981	392	6,883
Uvurkhangai	237	49	7,232	123	5,521	1,997	4,790	135	15,836	2,125	38,045
Zavkhan	70	17	2,711	29	1,574	624	1,269	105	4,728	613	11,740
?	295	30	1,207	89	511	228	1,091	554	1,109	310	5,424
TOTAL	**4,975**	**641**	**202,042**	**2,755**	**112,108**	**46,941**	**109,514**	**11,221**	**227,953**	**52,307**	**770,457**

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