MONGOLIA : COVID-19 PREPAREDNESS

FLOW MONITORING AT MAJOR CHECKPOINTS OF ULAANBAATAR

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

SITREP # 87
25-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

3,247,592
cumulative movements tracked by DTM flow monitoring points (FMP)

46,236 ▲
Movements tracked in the past 24 hrs

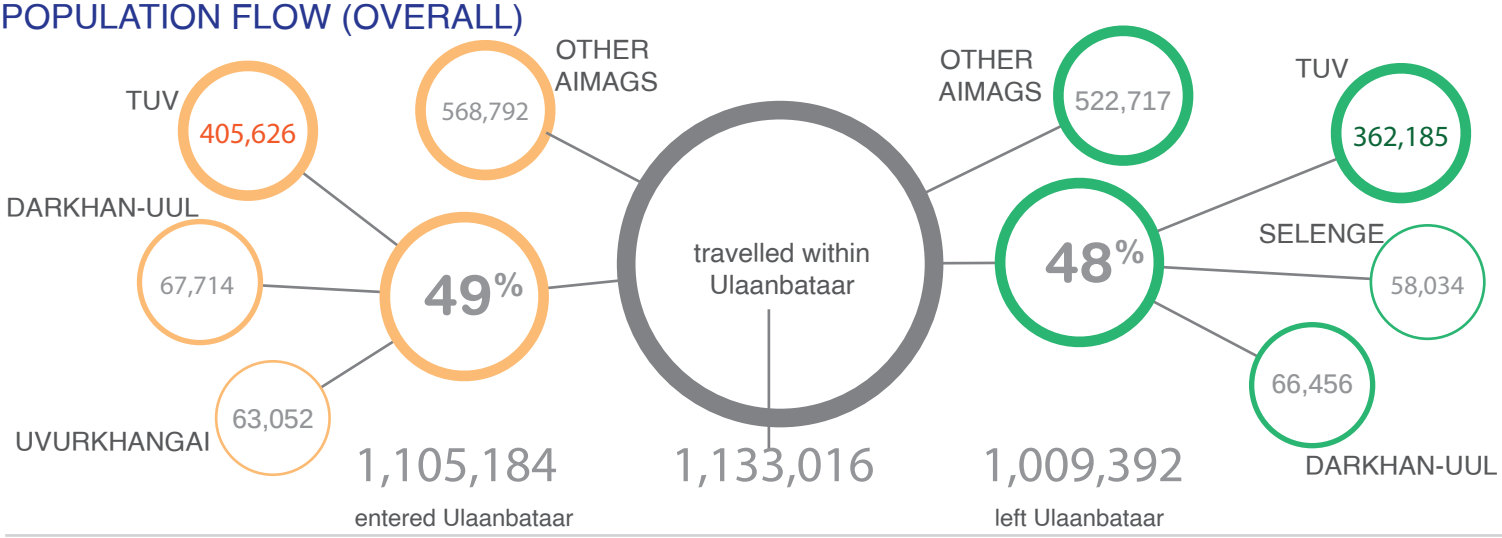
13,110 (R)
41,766 (N)
Average movement per day during restricted (R) and unrestricted (N) periods

DEMOGRAPHICS

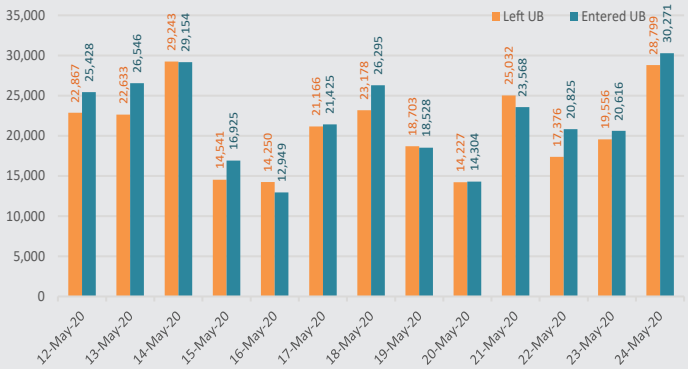
XX% - Overall
XX%- Past 24 hrs

	Overall	Past 24 hrs
MEN	52%	48%
WOMEN	31%	34%
BOYS	9%	10%
GIRLS	7%	7%

POPULATION FLOW (OVERALL)



MOVEMENT TRENDS



MOVEMENT THROUGH CHECKPOINTS

	OVERALL			24-May-20		
Checkpoint	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	464,146	245,677	218,469	4,639	3,119	1,520
Nalaikh	968,579	483,096	485,483	16,851	7,638	9,213
Morin	788,773	394,329	394,444	10,204	5,081	5,123
Emeelt	1,171,419	630,079	541,340	16,425	8,770	7,655
Gunt	584,614	293,253	291,361	10,951	5,663	5,288
Total	4,379,548	2,237,754	2,141,794	59,070	30,271	28,799

International Organization for Migration (IOM)
The UN Migration Agency

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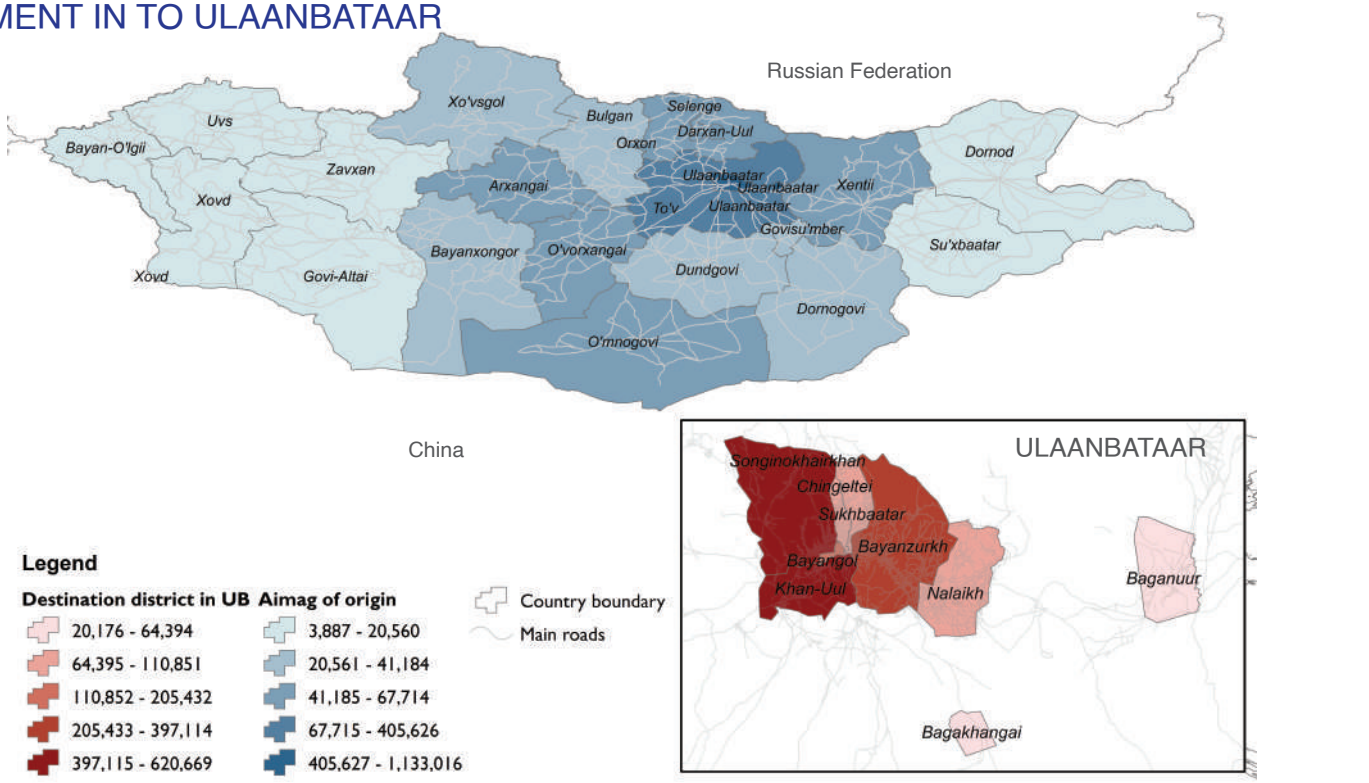
MOVEMENT IN TO ULAANBATAAR



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of / destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	6,561	17,918	47,525	66,224	133,154	54,394	375,301	64,250	322,717	44,972	1,133,016
Arkhangai	262	34	82	9,168	11,491	3,928	5,828	248	20,381	3,129	54,551
Bayankhongor	144	25	74	3,467	5,369	1,682	2,811	208	11,067	1,787	26,634
Bayan-Ulgii	23	5	1	468	830	172	185	51	1,862	290	3,887
Bulgan	253	27	83	7,199	9,622	2,974	5,162	128	13,236	2,500	41,184
Darkhan-Uul	331	61	186	10,171	12,310	3,326	7,325	420	29,412	4,172	67,714
Dornod	141	37	21	2,058	10,575	1,305	2,345	162	2,154	1,762	20,560
Dornogobi	413	69	164	7,231	15,812	2,107	4,995	682	4,717	3,111	39,301
Dundgobi	269	22	118	5,296	13,152	2,162	6,841	241	6,828	2,745	37,674
Gobi-Altai	51	30	39	1,293	2,382	627	1,136	51	5,166	645	11,420
Gobisumber	340	32	174	3,971	14,285	1,159	2,765	580	2,489	1,848	27,643
Khentii	321	56	56	4,756	29,791	2,734	4,488	625	4,607	3,691	51,125
Khovd	18	2	18	1,176	2,042	473	1,128	58	5,736	410	11,061
Khuvsgul	143	35	117	4,422	6,455	1,920	3,110	176	11,575	1,957	29,910
Orkhon	248	7	142	9,638	10,563	2,380	6,806	274	15,569	3,084	48,711
Selenge	234	46	247	14,584	14,379	4,388	7,384	459	16,459	4,446	62,626
Sukhbaatar	114	44	52	1,554	9,862	949	1,510	223	1,477	1,331	17,116
Tuv	2,344	361	1,539	59,674	87,933	27,244	70,624	13,790	113,284	28,833	405,626
Umnugobi	241	11	198	6,736	12,611	2,288	12,610	304	10,566	3,028	48,593
Uvurkhangai	326	65	146	8,753	12,766	3,524	8,080	323	25,533	3,536	63,052
Zavkhan	89	50	29	2,753	4,739	1,047	2,017	90	6,598	1,276	18,688
Uvs	40	11	27	1,388	2,688	608	1,214	110	5,560	548	12,194
?	98	30	480	661	1,552	220	853	419	1,228	373	5,914
TOTAL	**13,004**	**18,978**	**51,518**	**232,641**	**424,363**	**121,611**	**534,518**	**83,872**	**638,221**	**119,474**	**2,238,200**

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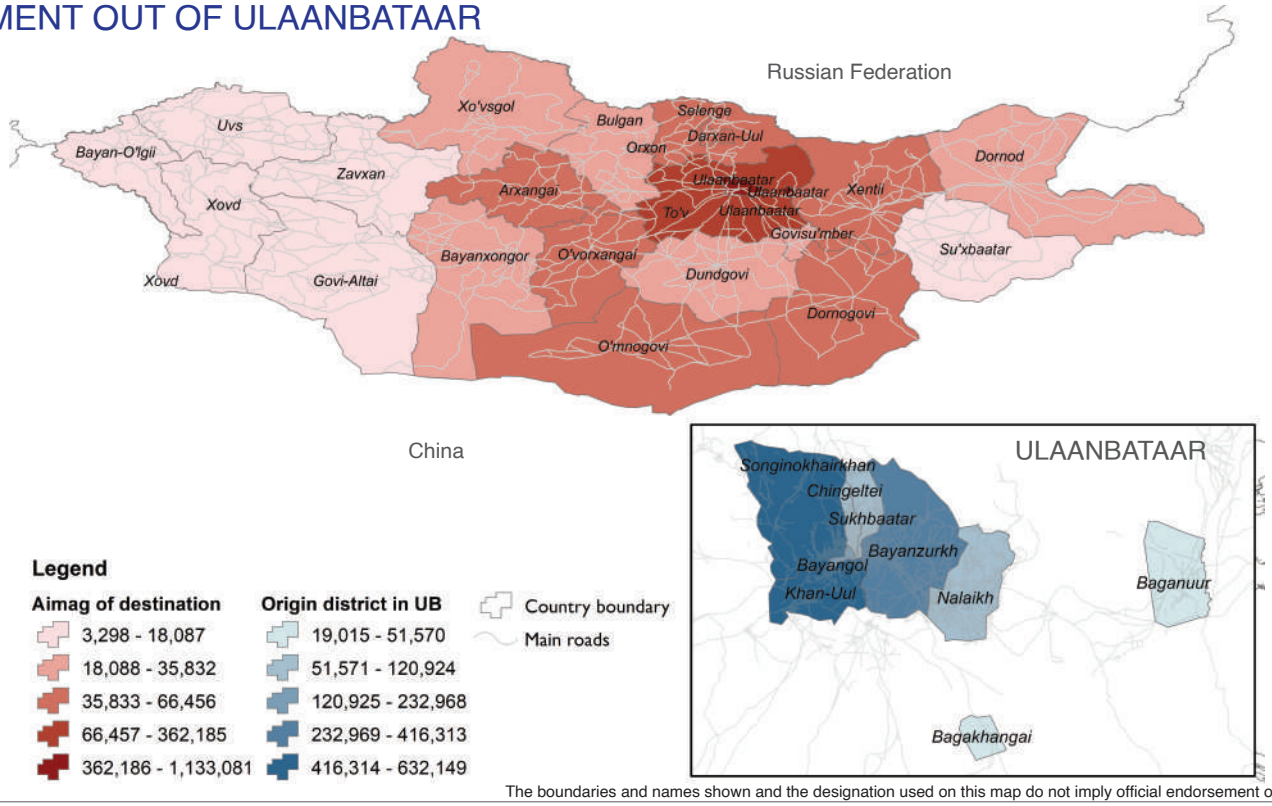

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BOYS	10%	11%
GIRLS	8%	8%

UB District of origin / Aimag of destination	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Arkhangai	419	50	9,351	93	6,729	3,095	4,660	252	17,173	2,902	44,724
Bayankhongor	123	27	4,084	93	3,077	1,354	2,528	138	9,851	1,544	22,819
Bayan-Ulgii	4	-	804	-	509	170	198	29	1,388	196	3,298
Bulgan	321	3	7,638	68	5,779	2,420	4,208	85	11,826	2,169	34,517
Darkhan-Uul	245	45	10,628	185	8,796	3,224	6,499	468	32,134	4,232	66,456
Dornod	166	33	12,191	56	2,152	1,267	2,319	389	1,943	1,666	22,182
Dornogobi	419	33	17,814	280	7,318	2,482	5,640	573	4,716	2,854	42,129
Dundgobi	155	23	12,529	153	4,551	1,883	6,678	200	6,882	2,778	35,832
Gobi-Altai	36	13	1,828	66	1,029	520	1,012	89	5,053	584	10,230
Gobisumber	249	38	13,621	161	3,478	1,147	2,636	539	2,437	1,519	25,825
Khentii	341	67	30,383	81	4,594	2,527	4,202	855	4,002	3,581	50,633
Khovd	31	5	1,800	19	1,017	347	923	76	4,465	459	9,142
Khuvsgul	106	11	4,983	43	3,288	1,434	2,615	105	10,205	1,560	24,350
Orkhon	209	16	8,549	173	8,166	2,251	5,968	245	15,817	2,670	44,064
Selenge	190	41	12,285	259	13,113	3,989	6,553	525	17,044	4,035	58,034
Sukhbaatar	148	29	10,645	80	1,462	873	1,556	236	1,491	1,567	18,087
Tuv	1,978	271	81,035	1,608	51,274	24,536	62,981	12,100	100,499	25,903	362,185
Umnugobi	125	37	13,147	222	6,718	2,821	12,669	331	11,018	3,745	50,833
Uvs	65	10	2,017	27	1,225	527	1,105	73	4,221	639	9,909
Uvurkhangai	290	59	9,567	152	7,381	2,767	6,480	197	21,221	2,962	51,076
Zavkhan	70	17	3,753	29	2,230	915	1,731	115	6,506	932	16,298
?	359	33	1,470	107	655	310	1,260	584	1,550	441	6,769
TOTAL	**6,049**	**861**	**270,122**	**3,955**	**144,541**	**60,859**	**144,421**	**18,204**	**291,442**	**68,938**	**1,009,392**

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