

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 27<sup>th</sup> 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 27<sup>th</sup>, 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 3<sup>rd</sup> and is scheduled to last until May 1<sup>st</sup>, 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

**1,855,300**

cumulative movements tracked by DTM flow monitoring points (FMP)

**46,219** ↑

Movements tracked in the past 24 hrs

**10,196 (R)**  
**43,461 (N)**

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

### DEMOGRAPHICS

XX% - Overall  
XX% - Past 24 hrs



MEN

51%

56%



WOMEN

31%

30%



BOYS

10%

8%

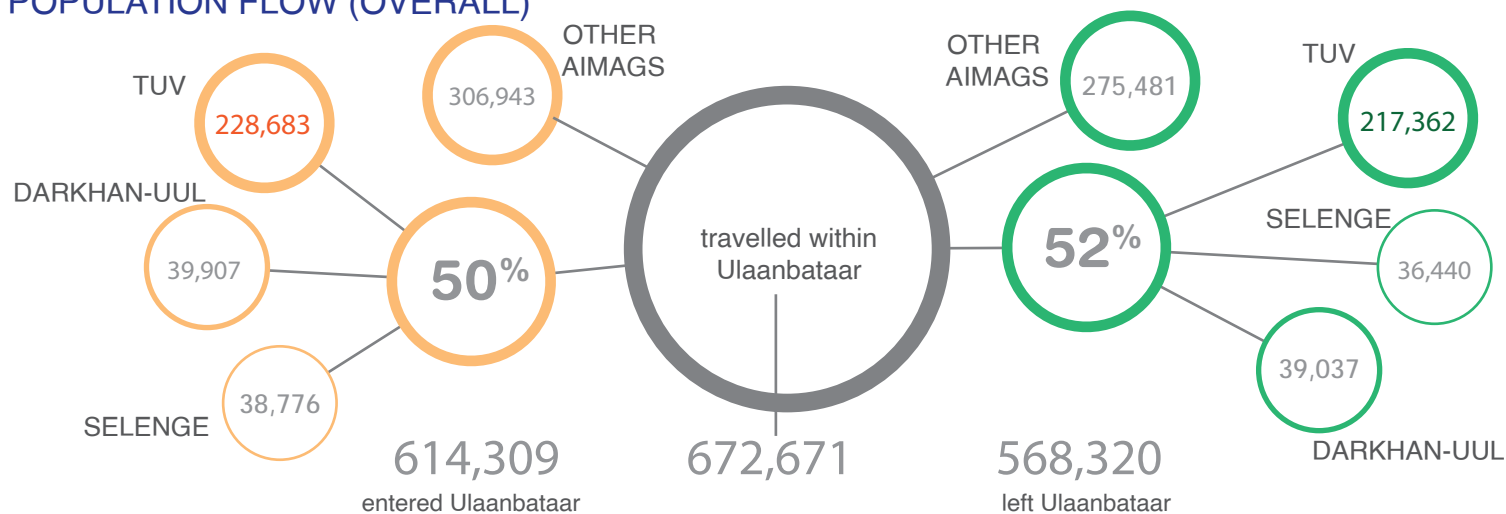


GIRLS

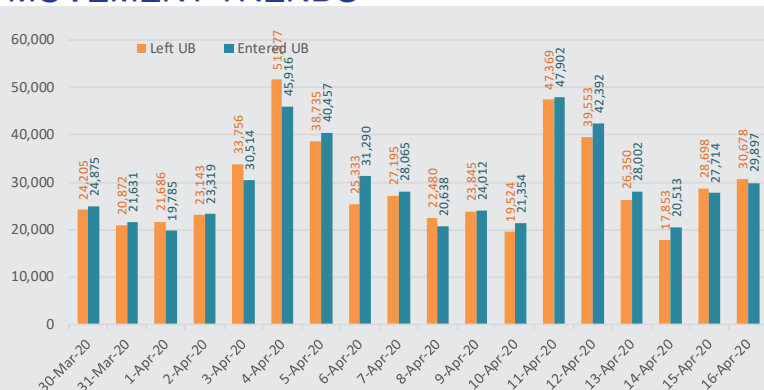
8%

6%

### POPULATION FLOW (OVERALL)



### MOVEMENT TRENDS

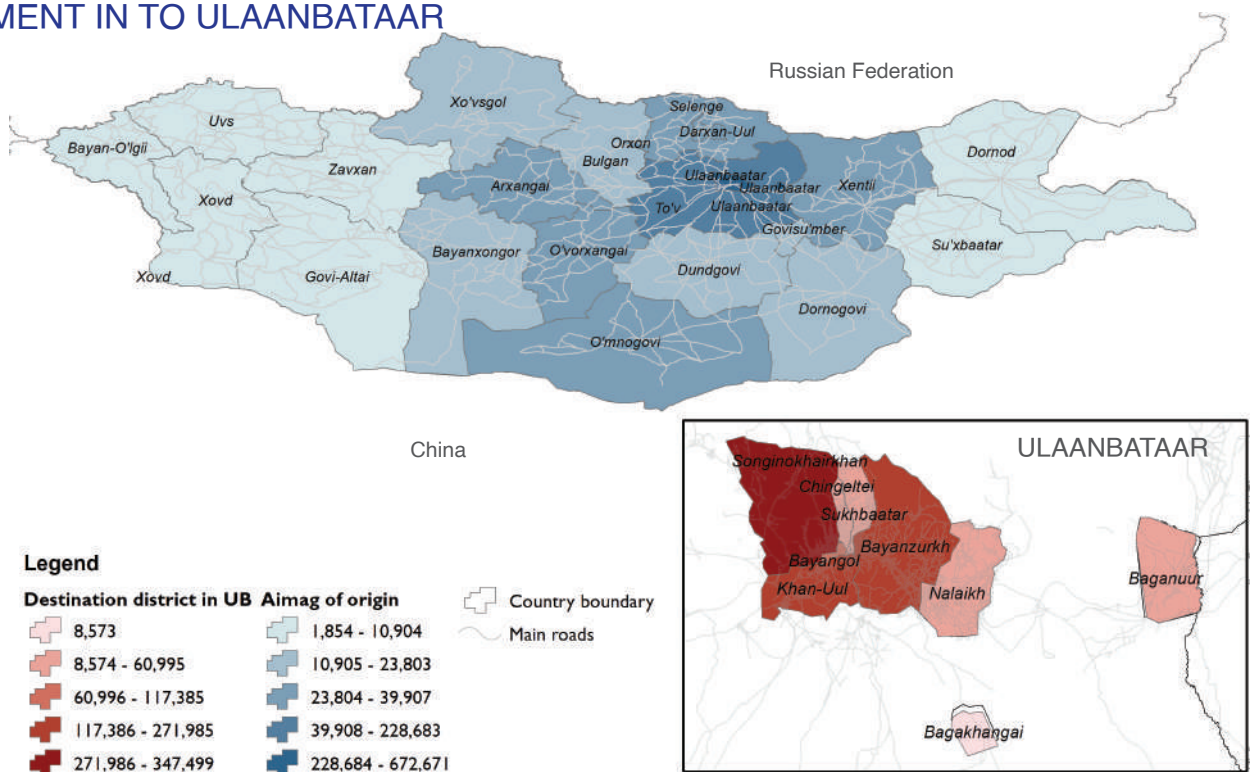


### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			16-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	366,160	175,025	191,135	8,235	3,957	4,278
Ulziit	282,532	146,037	136,495	7,621	4,239	3,382
Nalaikh	552,106	277,514	274,592	9,301	4,304	4,997
Morin	400,762	200,534	200,228	11,564	5,779	5,785
Emeelt	628,742	339,175	289,567	16,851	8,278	8,573
Gunt	297,131	148,460	148,671	7,003	3,340	3,663
<b>Total</b>	<b>2,527,433</b>	<b>1,286,745</b>	<b>1,240,688</b>	<b>60,575</b>	<b>29,897</b>	<b>30,678</b>



### 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



MEN

52%

56%



WOMEN

32%

31%



BOYS

9%

7%



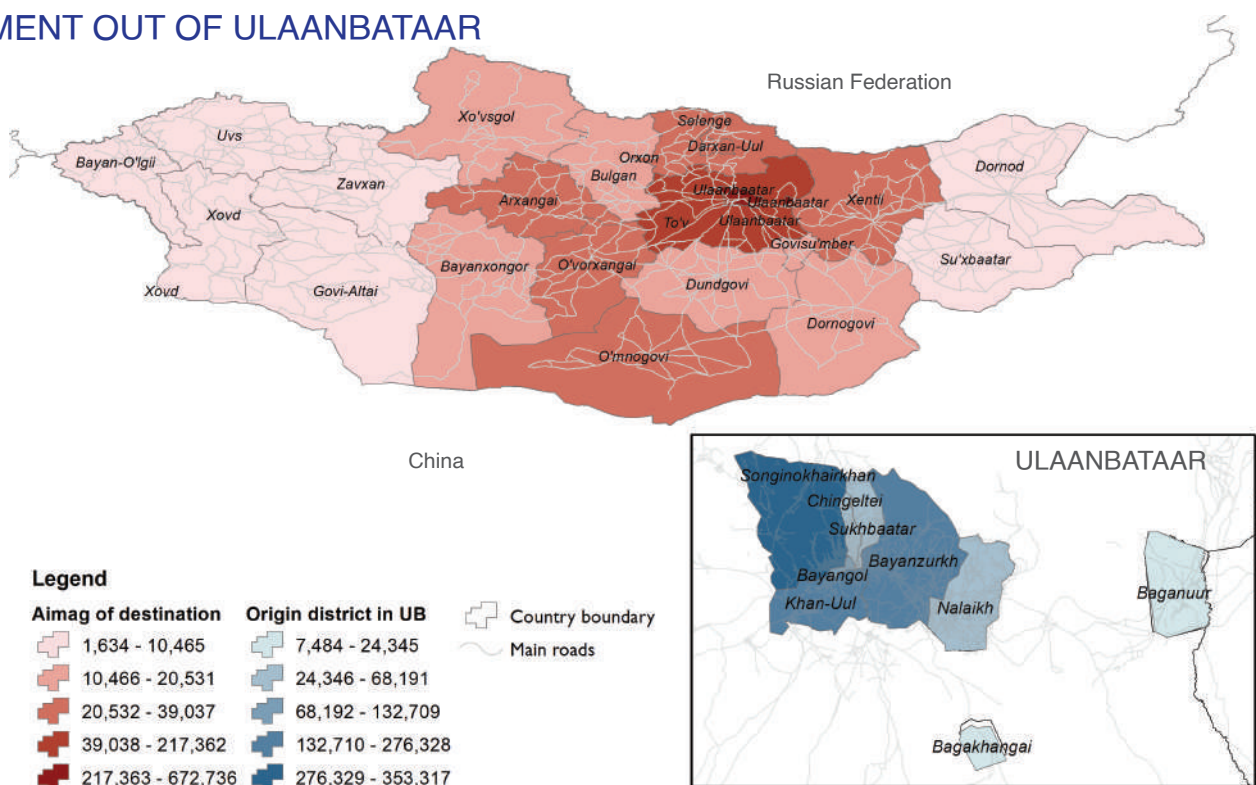
GIRLS

8%

6%

of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	2,707	6,985	22,969	41,019	86,586	28,081	196,355	51,421	208,550	27,998	672,671
Arkhangai	137	12	55	5,436	6,771	2,190	3,415	146	10,505	1,875	30,542
Bayankhongor	73	13	48	2,099	3,112	1,000	1,583	130	5,681	1,063	14,802
Bayan-Ulgii	14	-	1	232	431	80	106	23	789	178	1,854
Bulgan	170	22	44	4,373	5,716	1,670	3,049	96	7,259	1,404	23,803
Darkhan-Uul	223	40	108	6,312	7,720	2,042	4,396	310	16,287	2,469	39,907
Dornod	83	17	10	1,151	5,161	751	1,160	56	1,273	950	10,612
Dornogobi	110	33	63	3,069	7,045	906	2,172	185	2,408	1,339	17,330
Dundgobi	91	19	28	2,959	6,718	1,092	3,526	52	3,609	1,529	19,623
Gobi-Altai	39	11	31	859	1,541	411	658	29	2,682	425	6,686
Gobisumber	70	9	67	1,951	6,729	597	1,359	142	1,316	999	13,239
Khentii	107	14	22	2,544	14,934	1,443	2,429	194	2,511	2,094	26,292
Khovd	10	-	12	745	1,331	304	744	43	2,783	245	6,217
Khuvsgul	83	35	85	2,789	3,770	1,029	1,909	87	5,495	1,161	16,443
Orkhon	123	4	104	5,401	6,229	1,361	4,005	185	8,373	1,952	27,737
Selenge	147	34	160	8,634	9,044	2,703	4,672	337	10,188	2,857	38,776
Sukhbaatar	58	19	26	846	5,074	433	711	68	803	682	8,720
Tuv	1,092	191	644	34,965	49,148	15,863	40,492	3,838	65,631	16,819	228,683
Umnugobi	125	7	63	3,669	6,677	1,253	6,562	136	6,190	1,752	26,434
Uvurkhangai	161	53	93	5,425	7,540	2,129	4,677	191	13,529	1,938	35,736
Zavkhan	63	14	23	1,766	2,865	631	1,256	63	3,393	830	10,904
Uvs	28	5	21	858	1,728	399	715	89	2,827	388	7,058
?	59	11	32	393	830	110	408	192	633	243	2,911
<b>TOTAL</b>	<b>5,773</b>	<b>7,548</b>	<b>24,709</b>	<b>137,495</b>	<b>246,700</b>	<b>66,478</b>	<b>286,359</b>	<b>58,013</b>	<b>382,715</b>	<b>71,190</b>	<b>1,286,980</b>

### MOVEMENT OUT OF 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



51%  
55%



30%  
30%



10%  
9%



8%  
7%

UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	323	41	5,305	49	3,877	1,778	2,644	154	9,362	1,546	25,079
Bayankhongor	89	21	2,178	78	1,717	775	1,369	82	5,339	738	12,386
Bayan-Ulgii	-	-	410	-	292	69	113	12	629	109	1,634
Bulgan	214	1	4,565	42	3,417	1,506	2,458	50	7,076	1,202	20,531
Darkhan-Uul	122	13	6,500	106	5,267	1,940	3,860	231	18,833	2,165	39,037
Dornod	73	8	5,609	2	1,011	700	1,164	84	1,069	745	10,465
Dornogobi	129	8	7,936	103	3,211	1,162	2,469	140	2,447	1,306	18,911
Dundgobi	82	17	6,600	76	2,474	1,090	3,548	88	3,951	1,532	19,458
Gobi-Altai	31	9	1,059	26	468	252	528	60	2,500	264	5,197
Gobisumber	84	6	6,326	54	1,666	639	1,129	99	1,227	748	11,978
Khentii	141	12	14,371	29	2,342	1,247	1,918	162	2,081	1,787	24,090
Khovd	24	-	1,036	9	550	187	537	49	2,321	243	4,956
Khuvsgul	70	10	2,693	18	1,705	778	1,504	59	5,503	764	13,104
Orkhon	124	9	4,951	104	4,724	1,390	3,353	146	9,318	1,457	25,576
Selenge	75	19	7,721	162	7,955	2,363	4,261	406	11,052	2,426	36,440
Sukhbaatar	60	7	5,075	14	596	427	722	45	839	715	8,500
Tuv	1,209	135	46,781	665	32,235	14,919	37,143	3,590	64,858	15,827	217,362
Umnugobi	89	20	7,699	105	3,987	1,683	6,917	144	6,733	2,230	29,607
Uvs	27	7	955	25	481	280	443	39	1,908	259	4,424
Uvurkhangai	211	44	5,467	90	4,149	1,479	3,601	96	11,821	1,597	28,555
Zavkhan	70	11	1,787	19	1,062	426	848	83	3,234	454	7,994
?	161	13	723	59	303	159	333	286	805	194	3,036
<b>TOTAL</b>	<b>3,408</b>	<b>411</b>	<b>145,747</b>	<b>1,835</b>	<b>83,489</b>	<b>35,249</b>	<b>80,862</b>	<b>6,105</b>	<b>172,906</b>	<b>38,308</b>	<b>568,320</b>