

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

**2,266,493**

cumulative movements tracked by DTM flow monitoring points (FMP)

**45,962** ↑

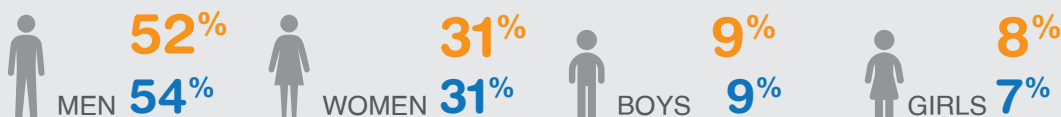
Movements tracked in the past 24 hrs

**10,805 (R)**  
**44,058 (N)**

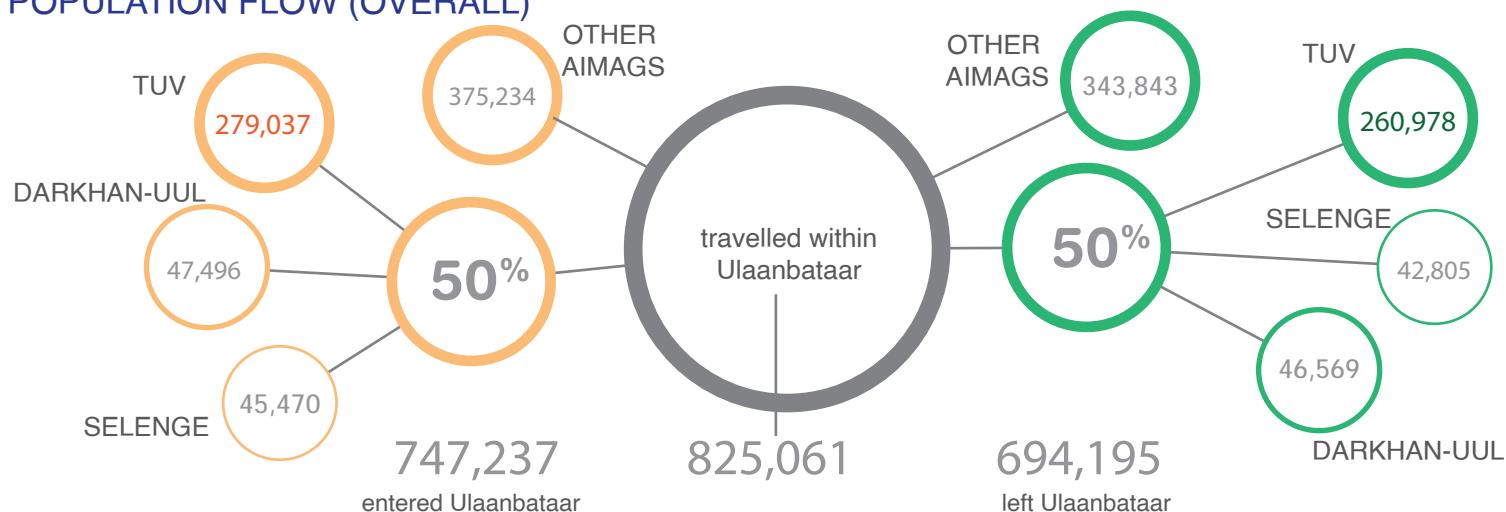
Average movement per day during restricted (R) and unrestricted (N) periods

### DEMOGRAPHICS

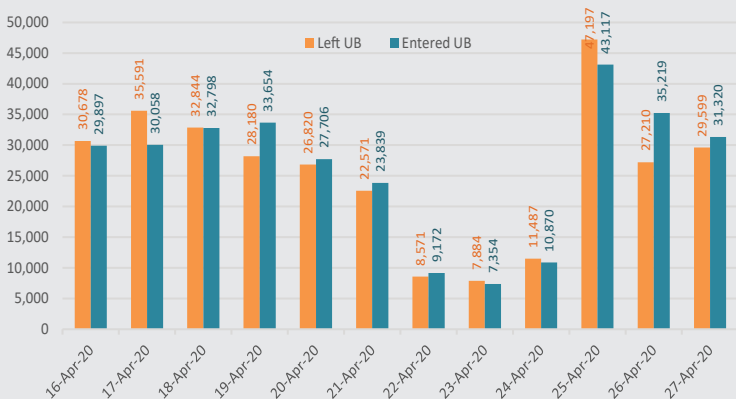
XX% - Overall  
XX% - Past 24 hrs



### POPULATION FLOW (OVERALL)



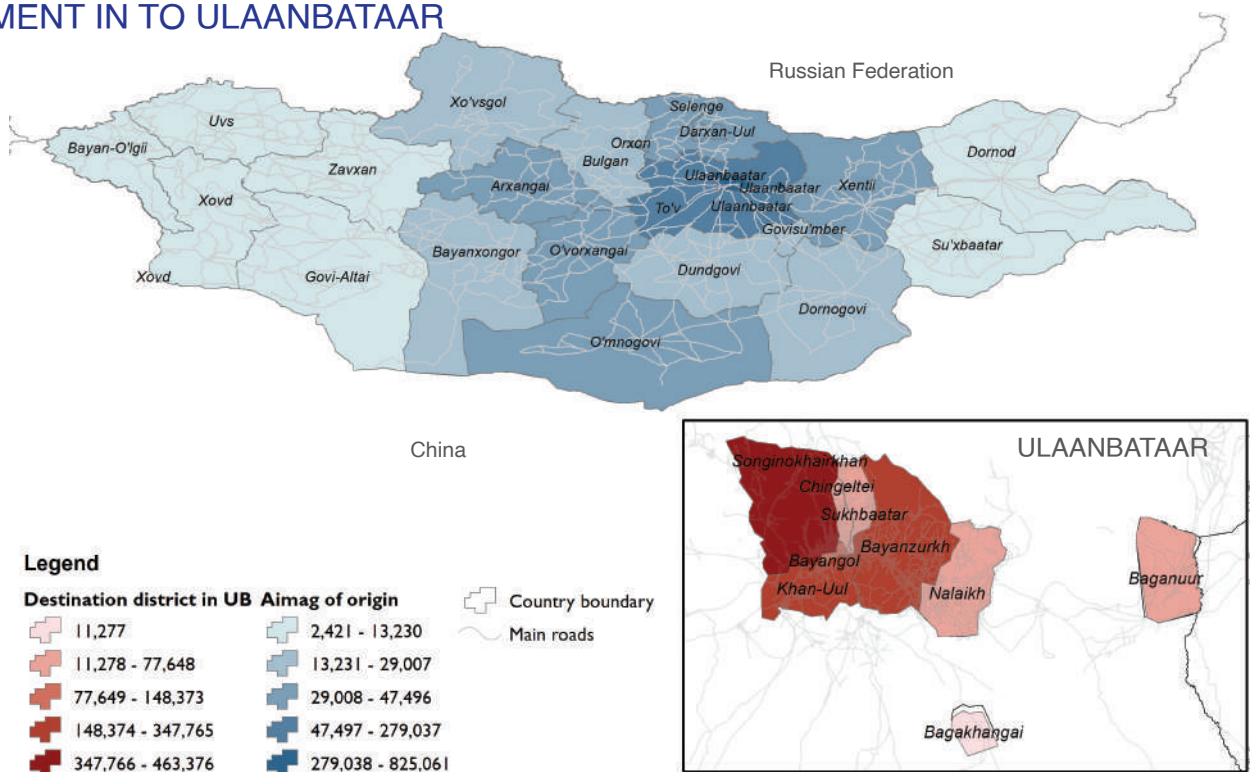
### MOVEMENT TRENDS



### MOVEMENT THROUGH CHECKPOINTS

Checkpoint	OVERALL			27-Apr-20		
	TOTAL	IN	OUT	TOTAL	IN	OUT
Baruunturuun	402,017	191,320	210,697	0	0	0
Ulziit	337,575	175,901	161,674	7,712	4,241	3,471
Nalaikh	673,228	336,628	336,600	9,278	3,916	5,362
Morin	497,290	248,477	248,813	10,614	5,302	5,312
Emeelt	781,882	420,092	361,790	21,242	11,860	9,382
Gunt	398,502	199,434	199,068	12,073	6,001	6,072
<b>Total</b>	<b>3,090,494</b>	<b>1,571,852</b>	<b>1,518,642</b>	<b>60,919</b>	<b>31,320</b>	<b>29,599</b>

**MOVEMENT IN TO ULAANBATAAR**



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

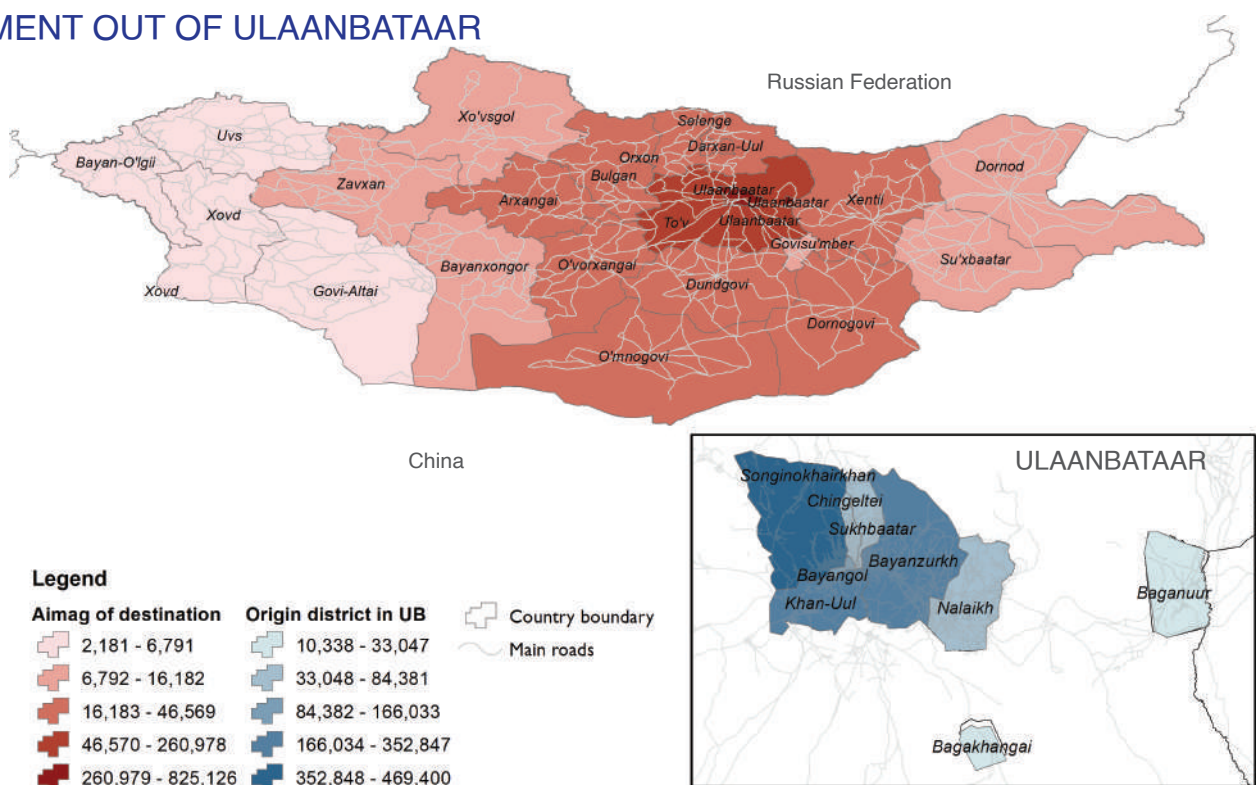
**DEMOGRAPHICS**

XX% - Overall  
 XX% - Past 24 hrs



of destination	?	Bagakhangai	Baganuur	Bayangol	Bayanzurkh	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Ulaanbaatar	3,949	9,594	30,729	50,728	102,079	36,060	243,553	59,116	255,775	33,478	825,061
Arkhangai	171	19	59	6,439	8,118	2,728	3,997	174	12,963	2,248	36,916
Bayankhongor	97	23	51	2,543	3,732	1,200	1,933	159	7,128	1,248	18,114
Bayan-Ulgii	23	5	1	331	570	91	134	29	1,026	211	2,421
Bulgan	197	22	50	5,233	6,867	2,076	3,588	109	9,125	1,740	29,007
Darkhan-Uul	261	40	118	7,354	8,998	2,489	5,193	336	19,781	2,926	47,496
Dornod	102	31	16	1,387	6,532	882	1,532	87	1,512	1,149	13,230
Dornogobi	304	35	76	3,966	8,910	1,185	2,821	265	2,948	1,676	22,186
Dundgobi	133	19	57	3,514	8,513	1,347	4,322	139	4,344	1,793	24,181
Gobi-Altai	41	19	36	990	1,751	451	767	29	3,343	470	7,897
Gobisumber	231	9	120	2,506	8,467	726	1,701	238	1,626	1,220	16,844
Khentii	181	33	33	3,122	18,744	1,774	3,037	364	3,075	2,559	32,922
Khovd	10	2	12	831	1,544	337	871	43	3,499	292	7,441
Khuvsgul	110	35	89	3,265	4,482	1,300	2,293	96	6,915	1,391	19,976
Orkhon	148	5	122	6,537	7,385	1,686	4,706	205	10,196	2,269	33,259
Selenge	164	36	173	10,437	10,458	3,059	5,500	371	11,993	3,279	45,470
Sukhbaatar	72	34	34	1,006	6,188	574	904	103	987	859	10,761
Tuv	1,545	227	886	42,568	60,015	19,141	49,233	5,956	79,073	20,393	279,037
Umnugobi	138	7	103	4,478	8,151	1,516	8,020	176	7,354	2,107	32,050
Uvurkhangai	213	58	120	6,502	8,860	2,438	5,596	237	16,614	2,364	43,002
Zavkhan	70	14	27	2,066	3,387	743	1,450	73	4,243	974	13,047
Uvs	32	5	21	972	1,959	483	859	91	3,432	422	8,276
?	73	12	53	489	1,035	167	578	266	750	281	3,704
<b>TOTAL</b>	<b>8,265</b>	<b>10,284</b>	<b>32,986</b>	<b>167,264</b>	<b>296,745</b>	<b>82,453</b>	<b>352,588</b>	<b>68,662</b>	<b>467,702</b>	<b>85,349</b>	<b>1,572,298</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



UB District of origin	?	Bagakhangai	Bayanzurkh	Baganuur	Bayangol	Chingeltei	Khan-Uul	Nalaikh	Songinokhairkhan	Sukhbaatar	TOTAL
Aimags of destination											
Arkhangai	364	42	6,524	71	4,722	2,171	3,176	167	11,489	1,846	30,572
Bayankhongor	96	23	2,747	79	2,179	938	1,648	101	6,522	972	15,305
Bayan-Ulgii	2	-	557	-	375	102	141	12	850	142	2,181
Bulgan	243	1	5,462	50	4,133	1,779	2,958	65	8,324	1,506	24,521
Darkhan-Uul	152	18	7,625	123	6,200	2,285	4,528	267	22,753	2,618	46,569
Dornod	77	23	7,426	12	1,324	856	1,505	161	1,363	1,041	13,788
Dornogobi	205	13	9,892	148	4,130	1,449	3,101	212	3,105	1,607	23,862
Dundgobi	96	17	8,311	78	3,047	1,284	4,321	121	4,765	1,882	23,922
Gobi-Altai	31	9	1,300	47	611	324	675	77	3,366	351	6,791
Gobisumber	104	15	8,114	82	2,147	774	1,542	249	1,627	922	15,576
Khentii	160	35	18,540	32	2,973	1,589	2,501	300	2,663	2,242	31,035
Khovd	26	-	1,249	15	675	226	637	54	2,969	285	6,136
Khuvsgul	89	11	3,312	23	2,046	960	1,790	72	6,933	946	16,182
Orkhon	149	11	6,022	114	5,629	1,632	4,068	175	11,260	1,734	30,794
Selenge	102	19	9,003	184	9,515	2,804	4,935	441	12,924	2,878	42,805
Sukhbaatar	74	18	6,508	16	776	535	930	76	996	1,004	10,933
Tuv	1,356	168	57,155	853	38,420	17,830	44,550	5,700	76,107	18,839	260,978
Umnugobi	93	20	9,330	156	4,821	1,989	8,429	229	8,019	2,766	35,852
Uvs	33	7	1,264	25	647	343	643	41	2,679	331	6,013
Uvurkhangai	233	49	6,629	103	5,021	1,826	4,334	133	14,627	1,925	34,880
Zavkhan	70	16	2,439	26	1,463	568	1,164	99	4,238	575	10,658
?	253	18	994	73	436	217	1,022	512	1,040	277	4,842
<b>TOTAL</b>	<b>4,008</b>	<b>533</b>	<b>180,403</b>	<b>2,310</b>	<b>101,290</b>	<b>42,481</b>	<b>98,598</b>	<b>9,264</b>	<b>208,619</b>	<b>46,689</b>	<b>694,195</b>