

The Cost of Internet Shutdowns 2019

Authors: Samuel Woodhams & Simon Migliano

[Cost of Internet Shutdowns 2019 Report](#)

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Country	State	Start Date	End Date	Services Affected	Cost per day	Duration (Hours)	Total Cost (USD)	No. of internet users	Region
Algeria		20 June	20 June	Internet Blackout	\$101,831,930	3	\$12,728,991	19,704,622	MENA
Algeria		21 June	21 June	Internet Blackout	\$101,831,930	2	\$8,485,994	19,704,622	MENA
Algeria		23 June	23 June	Internet Blackout	\$101,831,930	2	\$8,485,994	19,704,622	MENA
Algeria		24 June	25 June	Internet Blackout	\$101,831,930	2	\$8,485,994	19,704,622	MENA
Algeria		25 June	25 June	Internet Blackout	\$101,831,930	2	\$8,485,994	19,704,622	MENA
Algeria		8 August	8 August	Youtube	\$2,726,867	3	\$340,858	19,704,622	MENA
Algeria		14 September	15 September	Internet Blackout	\$101,831,930	36	\$152,747,895	19,704,622	MENA
Bénin		28 April	28 April	Facebook, Instagram, WhatsApp, Twitter	\$593,711	5.5	\$148,428	1,578,008	Sub-Saharan Africa
Bénin		28 April	29 April	Internet Blackout	\$1,548,043	15.5	\$967,527	1,578,008	Sub-Saharan Africa
Chad		1 January	17 July	Facebook, Instagram, WhatsApp, Twitter	\$639,022	4,728	\$125,887,375	968,500	Sub-Saharan Africa
DRC		1 January	20 January	Internet Blackout	\$3,218,737	456	\$61,156,001	7,011,507	Sub-Saharan Africa
Egypt		22 September	22 September	Facebook	\$3,767,196	24	\$3,767,196	43,850,141	MENA
Eritrea		16 May	25 May	Facebook, Instagram, WhatsApp, Twitter, YouTube	\$42,722	240	\$427,220	66,402	Sub-Saharan Africa
Ethiopia		8 June	11 June	WhatsApp	\$1,114,618	72	\$3,343,854	19,543,075	Sub-Saharan Africa
Ethiopia		11 June	18 June	Internet Blackout	\$4,458,472	168	\$31,209,303	19,543,075	Sub-Saharan Africa
Ethiopia		22 June	27 June	Internet Blackout	\$4,458,472	106	\$22,292,359	19,543,075	Sub-Saharan Africa
Gabon		7 January	8 January	Internet Blackout	\$907,420	29	\$1,096,466	1,019,049	Sub-Saharan Africa
India	Jammu and Kashmir	26 January	26 January	Internet Blackout	\$6,954,197	24	\$6,954,197	5,810,000	Asia
India	Jammu and Kashmir	3 February	3 February	Internet Blackout	\$6,954,197	20	\$5,795,164	5,810,000	Asia
India	Jammu and Kashmir	23 May	25 May	Internet Blackout	\$6,954,197	48	\$13,908,393	5,810,000	Asia
India	Jammu and Kashmir	4 August	31 December	Internet Blackout	\$6,954,197	3600	\$1,043,129,550	5,810,000	Asia
India	Assam	11 December	16 December	Internet Blackout	\$14,513,106	144	\$87,078,636	9,810,000	Asia
India	Tripura	10 December	12 December	Internet Blackout	\$2,323,105	72	\$6,969,315	790,338	Asia
India	Meghalaya	10 December	12 December	Internet Blackout	\$1,662,960	72	\$4,988,880	514,230	Asia
India	Arunachal Pradesh	10 December	12 December	Internet Blackout	\$1,179,190	72	\$3,537,570	796,500	Asia

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India	Rajasthan	8 November	9 November	Internet Blackout	\$46,814,845	48	\$93,629,690	26,460,000	Asia
India	Uttar Pradesh (Aligarh)	8 November	9 November	Internet Blackout	\$339,338	24	\$339,338	255,643	Asia
India	Uttar Pradesh (12 districts)	19 December	19 December	Internet Blackout	\$19,102,122	24	\$19,102,122	14,390,705	Asia
India	Uttar Pradesh (18 districts)	20 December	20 December	Internet Blackout	\$23,570,841	24	\$23,570,841	17,757,243	Asia
India	Uttar Pradesh (16 districts)	26 December	26 December	Internet Blackout	\$20,746,398	24	\$20,746,398	15,629,431	Asia
Indonesia		22 May	25 May	Facebook, Instagram, WhatsApp	\$48,762,568	78	\$158,478,342	85,242,816	Asia
Indonesia	Papua	21 August	21 August	Internet Blackout	\$2,075,349	2	\$172,946	1,463,423	Asia
Indonesia	Papua	21 August	4 September	Internet Blackout	\$2,075,349	336	\$29,054,888	1,463,423	Asia
Iran		16 November	25 November	Internet Blackout	\$61,170,648	216	\$550,535,829	49,038,556	MENA
Iran		25 December	26 December	Internet Blackout	\$61,170,648	24	\$61,170,648	49,038,556	MENA
Iraq		27 June	27 June	Internet Blackout	\$135,827,349	2	\$11,318,946	18,892,351	MENA
Iraq		29 June	29 June	Internet Blackout	\$135,827,349	2	\$11,318,946	18,892,351	MENA
Iraq		28 August	28 August	Internet Blackout	\$135,827,349	2	\$11,318,946	18,892,351	MENA
Iraq		29 August	29 August	Internet Blackout	\$135,827,349	2	\$11,318,946	18,892,351	MENA
Iraq		1 September	1 September	Internet Blackout	\$135,827,349	2	\$11,318,946	18,892,351	MENA
Iraq		2 September	2 September	Internet Blackout	\$135,827,349	2	\$11,318,946	18,892,351	MENA
Iraq		2 October	2 October	Facebook, Instagram, Whatsapp, Twitter	\$12,658,141	7	\$3,691,958	18,892,351	MENA
Iraq		2 October	6 October	Internet Blackout	\$135,827,349	79	\$447,098,358	18,892,351	MENA
Iraq		6 October	6 October	Facebook, Instagram, WhatsApp, Twitter	\$12,658,141	2	\$1,054,845	18,892,351	MENA
Iraq		6 October	7 October	Internet Blackout	\$135,827,349	39	\$220,719,442	18,892,351	MENA
Iraq		7 October	7 October	Facebook, Instagram, WhatsApp, Twitter	\$12,658,141	5	\$28,297,364	18,892,351	MENA
Iraq		7 October	8 October	Internet Blackout	\$135,827,349	6	\$33,956,837	18,892,351	MENA
Iraq		8 October	8 October	Facebook, Instagram, WhatsApp, Twitter	\$12,658,141	9	\$4,746,803	18,892,351	MENA
Iraq		8 October	9 October	Internet Blackout	\$135,827,349	15	\$84,892,093	18,892,351	MENA
Iraq		9 October	9 October	Facebook, Instagram, WhatsApp, Twitter	\$12,658,141	10	\$5,274,225	18,892,351	MENA
Iraq		9 October	10 October	Internet Blackout	\$135,827,349	14	\$79,232,620	18,892,351	MENA

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Iraq		10 October	10 October	Facebook, Instagram, WhatsApp, Twitter	\$12,658,141	10	\$5,274,225	18,892,351	MENA
Iraq		10 October	11 October	Internet Blackout	\$135,827,349	14	\$79,232,620	18,892,351	MENA
Iraq		11 October	4 November	Facebook, Instagram, WhatsApp, Twitter	\$12,658,141	576	\$303,795,374	18,892,351	MENA
Iraq		4 November	5 November	Internet Blackout	\$135,827,349	9	\$50,935,256	18,892,351	MENA
Iraq		5 November	5 November	Facebook, Instagram, WhatsApp, Twitter	\$12,658,141	4	\$2,109,690	18,892,351	MENA
Iraq		5 November	7 November	Internet Blackout	\$135,827,349	46	\$260,335,753	18,892,351	MENA
Iraq		7 November	7 November	Facebook, Instagram, WhatsApp, Twitter	\$12,658,141	3	\$1,582,268	18,892,351	MENA
Iraq		7 November	9 November	Internet Blackout	\$135,827,349	49	\$277,213,171	18,892,351	MENA
Iraq		9 November	9 November	Facebook, Instagram, WhatsApp, Twitter	\$12,658,141	4	\$2,109,690	18,892,351	MENA
Iraq		9 November	10 November	Internet Blackout	\$135,827,349	14	\$79,232,620	18,892,351	MENA
Iraq		10 November	10 November	Facebook, Instagram, WhatsApp, Twitter	\$12,658,141	8	\$4,219,380	18,892,351	MENA
Iraq		10 November	11 November	Internet Blackout	\$135,827,349	16	\$90,551,556	18,892,351	MENA
Iraq		11 November	11 November	Facebook, Instagram, WhatsApp, Twitter	\$12,658,141	8	\$4,219,380	18,892,351	MENA
Iraq		11 November	12 November	Internet Blackout	\$135,827,349	12	\$67,913,675	18,892,351	MENA
Iraq		12 November	21 November	Facebook, Instagram, WhatsApp, Twitter	\$12,658,141	216	\$113,923,265	18,892,351	MENA
Kazakhstan		9 May	9 May	Facebook, Instagram, Youtube	\$7,654,153	7.5	\$2,551,384	13,913,699	Asia
Liberia		7 June	7 June	Facebook, Instagram, WhatsApp, Twitter	\$138,159	12	\$69,080	377,607	Sub-Saharan Africa
Mauritania		23 June	4 July	Internet Blackout	\$1,258,792	264	\$13,846,713	919,398	Sub-Saharan Africa
Myanmar	Rakhine & Chin (9 t'ships)	20 June	1 September	Internet Blackout	\$518,832	1752	\$37,874,736	175,708	Asia
Myanmar	Rakhine & Chin (4 t'ships)	2 September	31 December	Internet Blackout	\$310,898	2880	\$37,307,760	105,871	Asia
Pakistan	Azad Kashmir	15 August	15 August	Internet Blackout	\$1,519,231	13	\$822,917	No data	Asia
Pakistan	Azad Kashmir	7 September	7 September	Internet Blackout	\$1,519,231	3	\$189,904	No data	Asia
Pakistan	Azad Kashmir	8 September	10 September	Internet Blackout	\$1,519,231	72	\$4,557,693	No data	Asia

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Sri Lanka		21 April	30 April	Facebook, Instagram, WhatsApp, YouTube	\$5,581,090	216	\$50,229,813	7,121,116	Asia
Sri Lanka		5 May	6 May	Facebook, Instagram, WhatsApp, YouTube	\$5,581,090	11	\$2,558,000	7,121,116	Asia
Sri Lanka		13 May	13 May	Facebook, Instagram, WhatsApp, YouTube	\$5,581,090	14	\$3,255,636	7,121,116	Asia
Sri Lanka		13 May	17 May	Facebook, Instagram, Whatsapp, Youtube, Twitter	\$6,976,363	96	\$27,905,452	7,121,116	Asia
Sudan		1 January	26 February	Facebook, Instagram, WhatsApp, Twitter	\$7,521,798	600	\$188,044,948	12,512,639	Sub-Saharan Africa
Sudan		7 April	11 April	Facebook, Instagram, WhatsApp, Twitter	\$7,521,798	96	\$30,087,192	12,512,639	Sub-Saharan Africa
Sudan		3 June	9 July	Internet Blackout	\$45,784,857	864	\$1,648,254,852	12,512,639	Sub-Saharan Africa
Venezuela		21 January	21 January	Instagram, Twitter	\$15,440,784	6	3860196	20,564,451	South America
Venezuela		23 January	23 January	Facebook, Instagram, Youtube	\$23,161,177	6	5790294.25	20,564,451	South America
Venezuela		26 January	27 January	Internet Blackout	\$402,803,069	48	\$805,606,139	20,564,451	South America
Venezuela		29 January	29 January	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		12 February	12 February	Youtube	\$7,720,392	1.5	\$643,336	20,564,451	South America
Venezuela		18 February	18 February	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		22 February	22 February	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		22 February	22 February	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		23 February	23 February	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		23 February	23 February	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		24 February	24 February	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		25 February	25 February	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		25 February	25 February	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		7 March	8 March	Youtube	\$7,720,392	24	\$7,720,392	20,564,451	South America
Venezuela		28 March	28 March	Youtube	\$7,720,392	3.5	1,286,732	20,564,451	South America
Venezuela		10 April	11 April	Internet Blackout	\$402,803,069	12	201401534.5	20,564,451	South America
Venezuela		15 April	15 April	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America

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Venezuela		19 April	19 April	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		30 April	1 May	Facebook, Instagram, WhatsApp, Youtube, Twitter	\$38,601,961	13	\$20,909,395	20,564,451	South America
Venezuela		1 May	1 May	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		3 May	3 May	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		3 May	3 May	Youtube	\$7,720,392	2	\$643,366	20,564,451	South America
Venezuela		7 May	7 May	Youtube	\$7,720,392	2	\$643,366	20,564,451	South America
Venezuela		9 May	9 May	Youtube	\$7,720,392	3	\$965,049	20,564,451	South America
Venezuela		9 May	9 May	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		11 May	11 May	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		14 May	14 May	Youtube	\$7,720,392	2	\$643,366	20,564,451	South America
Venezuela		16 May	16 May	Youtube	\$7,720,392	3	\$965,049	20,564,451	South America
Venezuela		21 May	21 May	Youtube	\$7,720,392	3	\$965,049	20,564,451	South America
Venezuela		23 May	23 May	Youtube	\$7,720,392	1	\$321,683	20,564,451	South America
Venezuela		24 May	24 May	Youtube	\$7,720,392	2	\$643,366	20,564,451	South America
Venezuela		28 May	28 May	Youtube	\$7,720,392	2	\$643,366	20,564,451	South America
Venezuela		11 June	11 June	Youtube	\$7,720,392	2	643366	20,564,451	South America
Venezuela		15 June	15 June	Youtube	\$7,720,392	3	965049	20,564,451	South America
Venezuela		18 June	18 June	Instagram, Twitter	\$15,440,784	3	\$1,930,098	20,564,451	South America
Venezuela		19 June	19 June	Youtube	\$7,720,392	2	\$1,930,098	20,564,451	South America
Venezuela		2 July	2 July	Youtube	\$7,720,392	3	965049	20,564,451	South America
Venezuela		5 July	5 July	Youtube	\$7,720,392	2	\$643,366	20,564,451	South America
Venezuela		16 November	16 November	Facebook, Instagram, Twitter	\$23,161,177	6	\$5,790,294	20,564,451	South America
Venezuela		16 November	16 November	Facebook, Instagram, Youtube, Twitter	\$30,881,569	1	\$1,286,732	20,564,451	South America
Zimbabwe		15 January	21 January	Internet Blackout	\$5,742,421	144	\$34,454,525	4,472,992	Sub-Saharan Africa