WWW SEARCH FOR NUCLEAR TERRORISM ACTIVITIES

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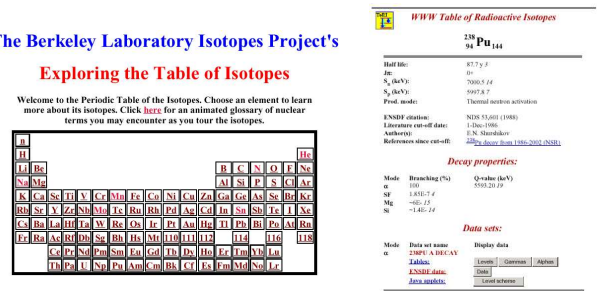
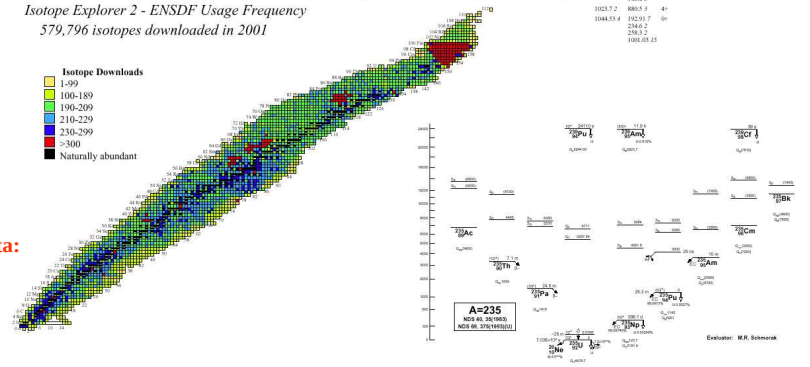
The Isotopes Project website at http://ie.lbl.gov/toi.html is a popular source of nuclear information for science, industry and education.



Isotope Explorer 2 - ENSDF Usage Frequency
579,796 isotopes downloaded in 2001

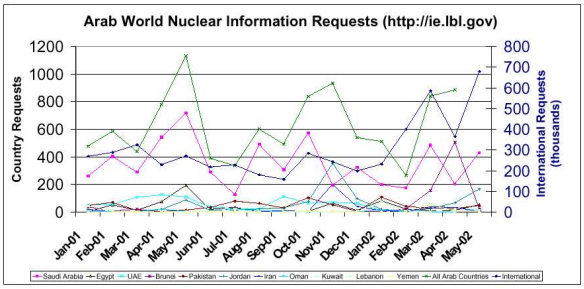


Most widely used international source of nuclear data:

Web Server Statistics for Isotopes Project – March 2002

General Summary
(Figures in parentheses refer to the 7-day period ending 02-Apr-2002 13:10).
Successful requests: 583,873 (48,008)
Average successful requests per day: 18,835 (6,858)
Logfile lines without status code: 4,419 (509)
Successful requests for pages: 88,428 (13,179)
Average successful requests for pages per day: 2,852 (1,882)
Distinct files requested: 10,812 (9,411)
Distinct hosts served: 17,900 (2,887)
Data transferred: 8.600 gigabytes (1.249 gigabytes)
Average data transferred per day: 284.089 megabytes (182.795 megabytes)

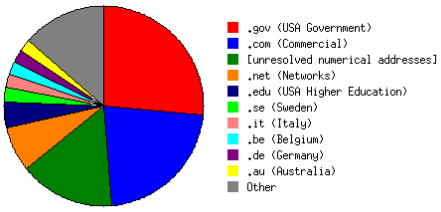
Usage can be tracked over time by country or region



Peaks in usage around May and November 2001 appear to correlate between several Arab countries and are not correlated with international usage. These results have been reported to the LBNL/LLNL counterintelligence officer.

We propose entering our log files into a relational database to support quicker, more flexible searching and more sophisticated retrievals of correlated information.

Log files are searchable by country



The wedges are plotted by the amount of traffic.

And by IP addresses within each country

Saudi Arabia 212.138.47.11 cache1-2.ruh.isu.net.sa
Saudi Arabia 212.138.47.22 cache2-6.ruh.isu.net.sa
Saudi Arabia 212.138.47.13 cache3-2.ruh.isu.net.sa
Saudi Arabia 212.138.47.21 cache1-6.ruh.isu.net.sa
Saudi Arabia 212.138.47.20 netcache1-e6b.ruh.isu.net.sa
Saudi Arabia 212.138.47.17 cache7-1.ruh.isu.net.sa
Saudi Arabia 212.138.47.12 cache2-2.ruh.isu.net.sa
Saudi Arabia 212.138.47.15 cache5-0.ruh.isu.net.sa
Pakistan 202.59.70.19 pioneer-sg.nexlinx.net.pk
Pakistan 203.135.0.66 netcache1-rwp.paknet.com.pk
Jordan 212.35.64.5 engine5.firstnet.com.jo
Brunet 202.160.36.5 as36-5.brunet.bn
Pakistan 202.59.71.55 Lucent11-ISDN-ST-55.nexlinx.net.pk
UAE 194.170.168.244 nc2.emirates.net.ae
Iran 194.225.18.4 conf.aku.ac.ir
UAE 194.170.168.236 cf1.emirates.net.ae
UAE 194.170.1.130 nc5.emirates.net.ae
Saudi Arabia 212.138.47.23 cache3-6.ruh.isu.net.sa
Pakistan 202.165.233.2 proxy.apollo.net.pk
Egypt 193.227.50.11 citcsrv4.mans.edu.eg
Lebanon 194.126.23.41 rtc28.ul.edu.lb
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And by the content that was downloaded

Search of Retrievals from Arab Countries

206.49.101.250, -, 1/18/01, 1:21:13, 190IR_EC_DECAY_(3.25_H)&view=le
212.138.47.24, -, 2/25/01, 2:04:44, 207BI_EC_DECAY&view=,
163.121.68.23, -, 2/28/01, 9:25:47, 91RB_B-_DECAY&format=ensdf,
163.121.68.23, -, 2/28/01, 9:26:12, 91RB_B-_DECAY&view=level,
212.138.47.23, -, 3/15/01, 13:38:34, 58NI(64ZN,2PAG):XUNDL-2&view=le
212.138.47.12, -, 4/26/01, 0:31:49, 244CM_A_DECAY&view=,
212.138.47.5, -, 4/26/01, 0:37:05, 244CM_A_DECAY&view=,
163.121.226.4, -, 4/28/01, 12:43:11, 144CS_B-_DECAY&view=gamma,
163.121.226.4, -, 4/28/01, 12:54:28, 144CS_B-_DECAY&view=level,
163.121.226.4, -, 4/28/01, 12:54:42, 144CS_B-_DECAY&view=gamma,
163.121.226.4, -, 4/28/01, 12:55:39, 136CS_B-_DECAY_(13.16_D)&view=g
163.121.226.4, -, 4/28/01, 12:55:47, 136CS_B-_DECAY_(13.16_D)&view=g
163.121.226.4, -, 4/28/01, 12:55:50, 136CS_B-_DECAY_(13.16_D)&view=g
163.121.226.4, -, 4/28/01, 13:00:17, 144BA_B-_DECAY&view=gamma,
163.121.226.4, -, 4/28/01, 13:03:26, 144CS_B-_DECAY&view=gamma,
163.121.226.4, -, 4/28/01, 13:08:11, 139I_B-_DECAY&view=gamma,
163.121.226.4, -, 4/28/01, 13:10:54, 134CS_B-_DECAY_(2.0648_Y)&view=
163.121.226.4, -, 4/28/01, 13:12:00, 134CS_EC_DECAY_(2.0648_Y)&view=
163.121.226.4, -, 4/28/01, 13:13:58, 144CS_B-_DECAY&view=gamma,
163.121.226.4, -, 4/28/01, 13:58:32, 135CS_B-_DECAY_(2.3E6_Y)&view=g
163.121.226.4, -, 5/1/01, 19:40:46, 95KR_B-_DECAY&view=gamma,
163.121.226.4, -, 5/1/01, 19:42:15, 95KR_B-_DECAY&format=ensdf,
163.121.226.4, -, 5/1/01, 19:42:46, 95KR_B-_DECAY&view=gamma,
163.121.226.4, -, 5/1/01, 20:34:41, 94KR_B-_DECAY&view=gamma,
163.121.226.4, -, 5/1/01, 21:37:43, 142XE_B-_DECAY&view=gamma,
163.121.226.4, -, 5/1/01, 21:39:32, 143XE_B-_DECAY&view=gamma,
163.121.226.4, -, 5/1/01, 21:41:28, 143XE_B-_DECAY&view=level,
163.121.226.4, -, 5/1/01, 21:41:30, 143XE_B-_DECAY&view=beta,
163.121.117.55, -, 5/10/01, 13:22:07, Isotope Explorer Download
163.121.117.55, -, 5/10/01, 14:12:08, Isotope Explorer Download

Z	EL	Hits
0	n	25
1	H	33
2	He	8
3	Li	8
4	Be	8
5	B	8
6	C	15
7	N	6
8	O	11
9	F	5
10	Ne	8
11	Na	17
12	Mg	9
13	Al	8
14	Si	7
15	P	5
16	S	8
17	Cl	5
18	Ar	4
19	K	6
20	Ca	9
21	Sc	4
22	Ti	5
23	V	5
24	Cr	4
25	Mn	6
26	Fe	9
27	Co	8
28	Ni	3
29	Cu	6
30	Zn	3
31	Ga	6
32	Ge	4
33	As	4
34	Se	5
35	Br	6
36	Kr	5
37	Rb	5
38	Sr	5
39	Y	4
40	Zr	4
41	Nb	3
42	Mo	4
43	Tc	5
44	Ru	3
45	Rh	4
46	Pd	5
47	Ag	6
48	Cd	4
49	In	4
50	Sn	4
51	Sb	3
52	Te	3
53	I	4
54	Xe	4
55	Cs	7
56	Ba	6
57	La	4
58	Ce	5
59	Pr	4
60	Nd	5
61	Pm	6
62	Sm	4
63	Eu	5
64	Gd	6
65	Tb	4
66	Dy	5
67	Ho	5
68	Er	4
69	Tm	5
70	Yb	4
71	Lu	5
72	Hf	5
73	Ta	3
74	W	3
75	Re	4
76	Os	5
77	Ir	6
78	Pt	6
79	Au	5
80	Hg	8
81	Tl	4
82	Pb	4
83	Bi	4
84	Po	4
85	At	7
86	Rn	4
87	Fr	5
88	Ra	4
89	Ac	5
90	Th	10
91	Pa	4
92	U	17
93	Np	3
94	Pu	5
95	Am	4
96	Cm	4
97	Bk	3
98	Cf	4
99	Es	3