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Subject: Web Access Report for the Routing Information Service - October, 2002

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Monthly Totals for October, 2002 (month-on-month changes within brackets):

Hits	Files	Pages	Visits	Sites	KBytes
381397 (-14%)	335094 (-23%)	156415 (+9%)	9105 (-8%)	4116 (+10%)	40810589 (+99%)

(aggregate values for <http://www.ris.ripe.net/> & <http://data.ris.ripe.net/>)

Comments:

The RIS web sites have had a total of 381397 hits during 9105 visits in October, down 14% and 8% respectively since the last report, which is primarily due to lower counts on the download site. The RIS sites have together generated around 40 gigabytes of HTTP traffic, up 99 percent from previous month. These seemingly contradictory patterns can be explained by significantly larger RIS raw data files caused by a JUNOS bug when we decided to eliminate BGP keepalives on most of our peering sessions. This action was initiated following a request from the research community to mitigate the effect of BGP session resets between route collectors and RIS peers due to timeouts.

Please observe that the values above also include internal use.

Daily Values for <http://www.ris.ripe.net/>:

	Avg	Max
Hits per Hour	184	550
Hits per Day	4432	5892
Files per Day	4320	5583
Pages per Day	4361	5810
Visits per Day	241	469
KBytes per Day	54191	127046

Daily Values for <http://data.ris.ripe.net/>:

	Avg	Max
Hits per Hour	327	10443
Hits per Day	7870	24695
Files per Day	6489	16265
Pages per Day	683	937
Visits per Day	52	69
KBytes per Day	1262280	4789353

Comments:

The RIS portal, <http://www.ris.ripe.net/>, had considerably more visits per day than <http://data.ris.ripe.net/>, our download site, mainly because of the RIS Looking Glass' and ASinuse's popularity. Approximately 1.26 GB of RIS raw data, up from 605 MB in September, was downloaded during an average day in October. As mentioned above, the larger volume can be explained by the considerably larger raw data file sizes caused by the JUNOS bug incident.

Most Popular URLs for <http://www.ris.ripe.net/>:

#	Hits		Kbytes		URL
1	100092	72.85%	1142713	68.02%	/cgi-bin/lg/
2	20434	14.87%	17377	1.03%	/cgi-bin/asinuse.cgi
3	1200	0.87%	127389	7.58%	/cgi-bin/risprefix.cgi
4	696	0.51%	161963	9.64%	/cgi-bin/risas.cgi
5	435	0.32%	7291	0.43%	/
6	330	0.24%	2433	0.14%	/cgi-bin/rrcstatus.cgi
7	317	0.23%	1456	0.09%	/cgi-bin/asview.cgi
8	190	0.14%	783	0.05%	/topten/

9	176	0.13%	763	0.05%	/martians/
10	172	0.13%	948	0.06%	/as-stat/

Most Popular URLs By Kbytes for <http://data.ris.ripe.net/>:

#	Hits		Kbytes		URL
1	1865	0.76%	383648	0.98%	/rrc00/2002.10/
2	16	0.01%	170922	0.44%	/rrc00/2002.10/bview.20021001.0700.gz
3	9	0.00%	89002	0.23%	/rrc00/2002.10/bview.20021004.0703.gz
4	7	0.00%	86453	0.22%	/rrc00/2002.10/bview.20021002.0701.gz
5	7	0.00%	85912	0.22%	/rrc00/2002.10/bview.20021001.1500.gz
6	7	0.00%	77382	0.20%	/rrc00/2002.10/bview.20021029.0726.gz
7	6	0.00%	74475	0.19%	/rrc00/2002.10/bview.20021003.0702.gz
8	6	0.00%	74397	0.19%	/rrc00/2002.10/bview.20021002.2302.gz
9	6	0.00%	74045	0.19%	/rrc00/2002.10/bview.20021002.1501.gz
10	5	0.00%	64276	0.16%	/rrc00/2002.10/bview.20021006.0705.gz

Comments:

The list over URLs for <http://www.ris.ripe.net/> gives us a good indication of which queries that are used by site visitors. As was observed in the previous report, the Looking Glass still appears to be our most popular query type followed by ASinuse. About 73% of RIS portal hits, which is approximately the same number as in September, can be attributed to the RIS Looking Glass. Referrals from <http://www.traceroute.org/>, <http://www.geektools.com/> and <http://neptune.dti.ad.jp/> have helped it maintaining its place as our most popular web-driven service.

Top 15 External Sites Visiting <http://www.ris.ripe.net/>:

#	Hits		Files		Kbytes		Visits		Hostname
1	35558	25.88%	35558	26.55%	204020	12.14%	4	0.05%	solpc02.foreshore.net
2	19248	14.01%	19248	14.37%	123737	7.37%	4	0.05%	m09.itconsult.net
3	18323	13.34%	18323	13.68%	99607	5.93%	7	0.09%	statistics.jtibs.net
4	8541	6.22%	8541	6.38%	36566	2.18%	9	0.12%	boris.kgb.ro
5	2896	2.11%	2896	2.16%	1589	0.09%	5	0.07%	dragon.elender.hu
6	1715	1.25%	1697	1.27%	5253	0.31%	5	0.07%	egspd404.directhit.com
7	604	0.44%	601	0.45%	3696	0.22%	3	0.04%	64.140.48.25 (icg.net)
8	293	0.21%	292	0.22%	1704	0.10%	55	0.73%	millbank-pix.band-x.net
9	285	0.21%	282	0.21%	6672	0.40%	35	0.47%	proxy.rednet.ru
10	273	0.20%	273	0.20%	897	0.05%	116	1.55%	209.249.67.112.looksmart.net
11	272	0.20%	270	0.20%	1114	0.07%	2	0.03%	64.140.48.24 (icg.net)
12	233	0.17%	233	0.17%	1104	0.07%	48	0.64%	office.skif.com.ua
13	231	0.17%	200	0.15%	4926	0.29%	6	0.08%	nat.europeantelecom.at
14	226	0.16%	221	0.17%	1162	0.07%	46	0.61%	212.50.33.20 (eser.net.tr)
15	201	0.15%	201	0.15%	1193	0.07%	14	0.19%	csrl.inr.net

Top 15 External Sites Visiting <http://data.ris.ripe.net/> by Kbytes:

#	Hits		Files		Kbytes		Visits		Hostname
1	90406	37.05%	54134	26.91%	9554607	24.42%	30	1.86%	pike.cs.ucdavis.edu
2	15985	6.55%	14738	7.33%	6716491	17.16%	22	1.36%	gunnbjornfjeld.cs.ucdavis.edu
3	21065	8.63%	19502	9.69%	4136733	10.57%	51	3.16%	condor.net.uni-sb.de
4	1519	0.62%	1059	0.53%	2511705	6.42%	31	1.92%	207.106.225.205 (netaxs.com)
5	6324	2.59%	6323	3.14%	2068959	5.29%	3	0.19%	dhcp6-86.cs.ucdavis.edu
6	7976	3.27%	7963	3.96%	1749947	4.47%	5	0.31%	doisuthep.cs.ucdavis.edu
7	5729	2.35%	5721	2.84%	1462273	3.74%	5	0.31%	dhcp6-174.cs.ucdavis.edu
8	5923	2.43%	4265	2.12%	1173851	3.00%	906	56.10%	renesys.com
9	7818	3.20%	7814	3.88%	1027556	2.63%	109	6.75%	xxx.net.americas.agilent.com
10	7568	3.10%	7478	3.72%	939502	2.40%	13	0.80%	xxx.informatik.tu-muenchen.de
11	2967	1.22%	2936	1.46%	910115	2.33%	30	1.86%	xxx.research.att.com
12	45230	18.54%	45199	22.47%	698659	1.79%	30	1.86%	xxx.research.att.com
13	407	0.17%	406	0.20%	529857	1.35%	5	0.31%	titan.cs.ucla.edu
14	2959	1.21%	2959	1.47%	504594	1.29%	1	0.06%	dhcp6-184.cs.ucdavis.edu
15	87	0.04%	58	0.03%	349517	0.89%	29	1.80%	pc10.infonet.fundp.ac.be

Countries by Amount of Hits for RIS Web Sites (excluding network *.ripe.net):

#	Hits	Country	Previous Month
1	131457	US Educational	US Commercial
2	72374	US Commercial	Germany

3	29597	Germany	US Educational
4	8629	Romania	Romania
5	8626	Unresolved/Unknown	Unresolved/Unknown
6	3026	Hungary	Non-Profit Organization
7	1535	Netherlands	Hungary
8	1061	Japan	Netherlands
9	1015	Russian Federation	Japan
10	933	United Kingdom	United Kingdom

(aggregate hits for <http://www.ris.ripe.net/> & <http://data.ris.ripe.net/>)

Comments:

The University of California Davis, probably S. Felix Wu's group (<http://www.cs.ucdavis.edu/~wu/>), exhibited the highest RIS raw data download activity in October. The University of Saarbrücken, Renesys and Agilent were also among our "top downloaders", which shows the importance of the RIS to the research community. In fact, US Educational overtook US Commercial as our top listing in regard to the country origin of our visitors.

CGI Statistics:

Usage of ASinuse utility:

AS number	Hits	
5561	2888	PSINet Hungary, Ltd.
15472	75	Newsoft S.n.c, Italy
13097	44	Telemar s.r.l, Italy
21444	33	INFRACOM, Italy
702	26	UUNET Technologies, Inc.

Usage of AS Query:

AS number	Hits	
16314	30	Wiener Krankenanstalten Verbund (KAV), Austria
13091	24	JP PTT Saobracaja Srbija, Serbia
3333	22	RIPE NCC
24838	19	REDNET, Russian Federation
24756	14	Lukas Bank, Poland

Usage of Prefix Query:

Prefix	Hits	
195.80.224.0/24	92	RIPE-NCC-RIS Routing Beacon @ RIPE NCC
204.106.0.0/17	85	Partly allocated by ARIN
81.9.112.0/20	59	REDNET, Russian Federation
193.0.0.0/21	29	RIPE NCC
195.80.224.0/19	25	Frontier GlobalCenter, US

See URL for additional CGI arguments: <http://www.ris.ripe.net/ris/stat/DB/200210.html>

Comments:

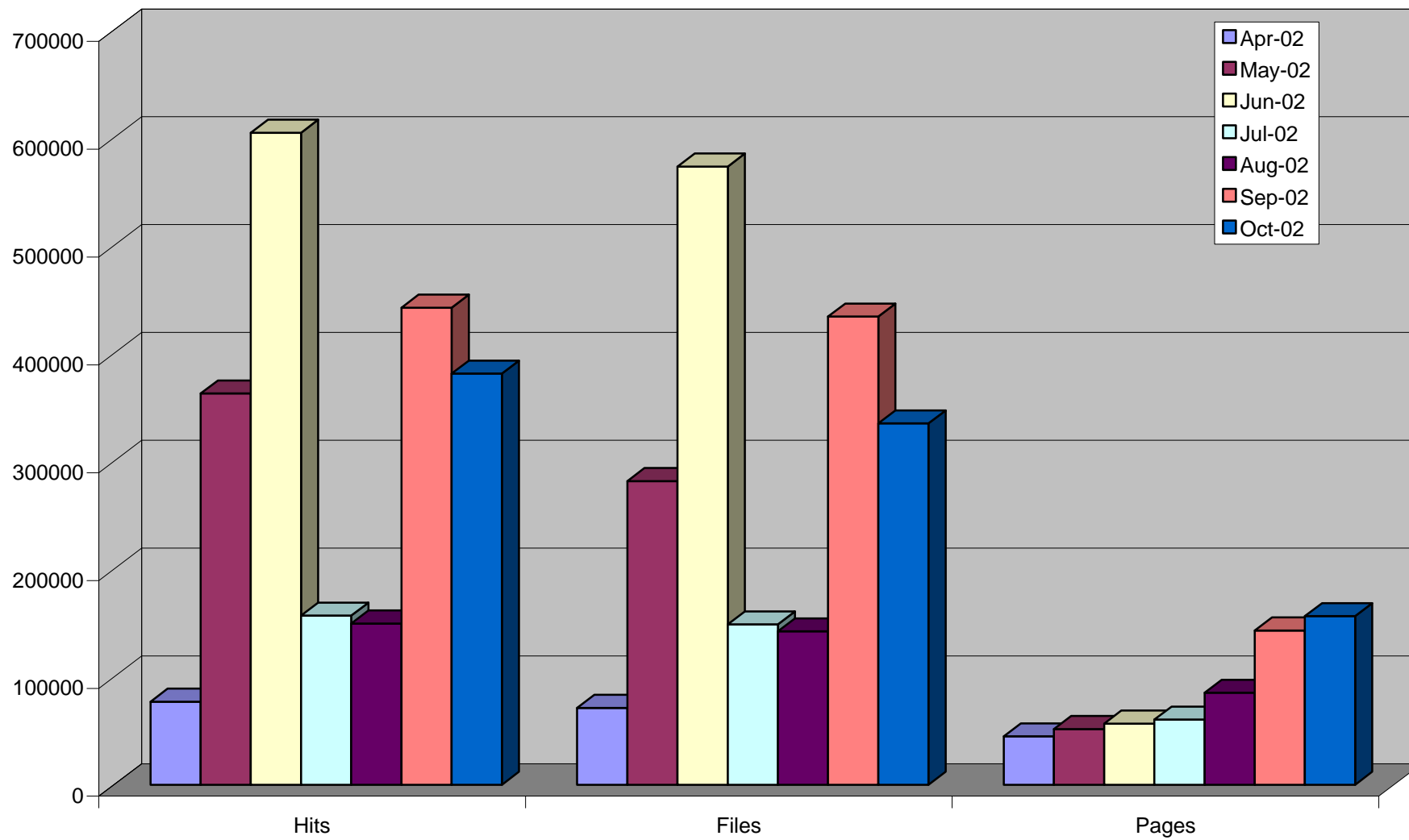
The monthly report always includes an overview of the AS numbers and prefixes used in RIS queries. This overview can roughly identify RIS query users and also help us understand how the utilities are used in the real world. The Prefix Query for 204.106.0.0/17 covers various routes, which, according to the RIS, are being announced by the US Data Authority - AS13645, PSINET - AS174 and Qwest - AS209. AS3333 and CIDR prefix 193.0.0.0/21 are defaults in the AS Query and Prefix Query respectively, which may inflate their hit count.

Questions about "hits", "files", "sites" etc?

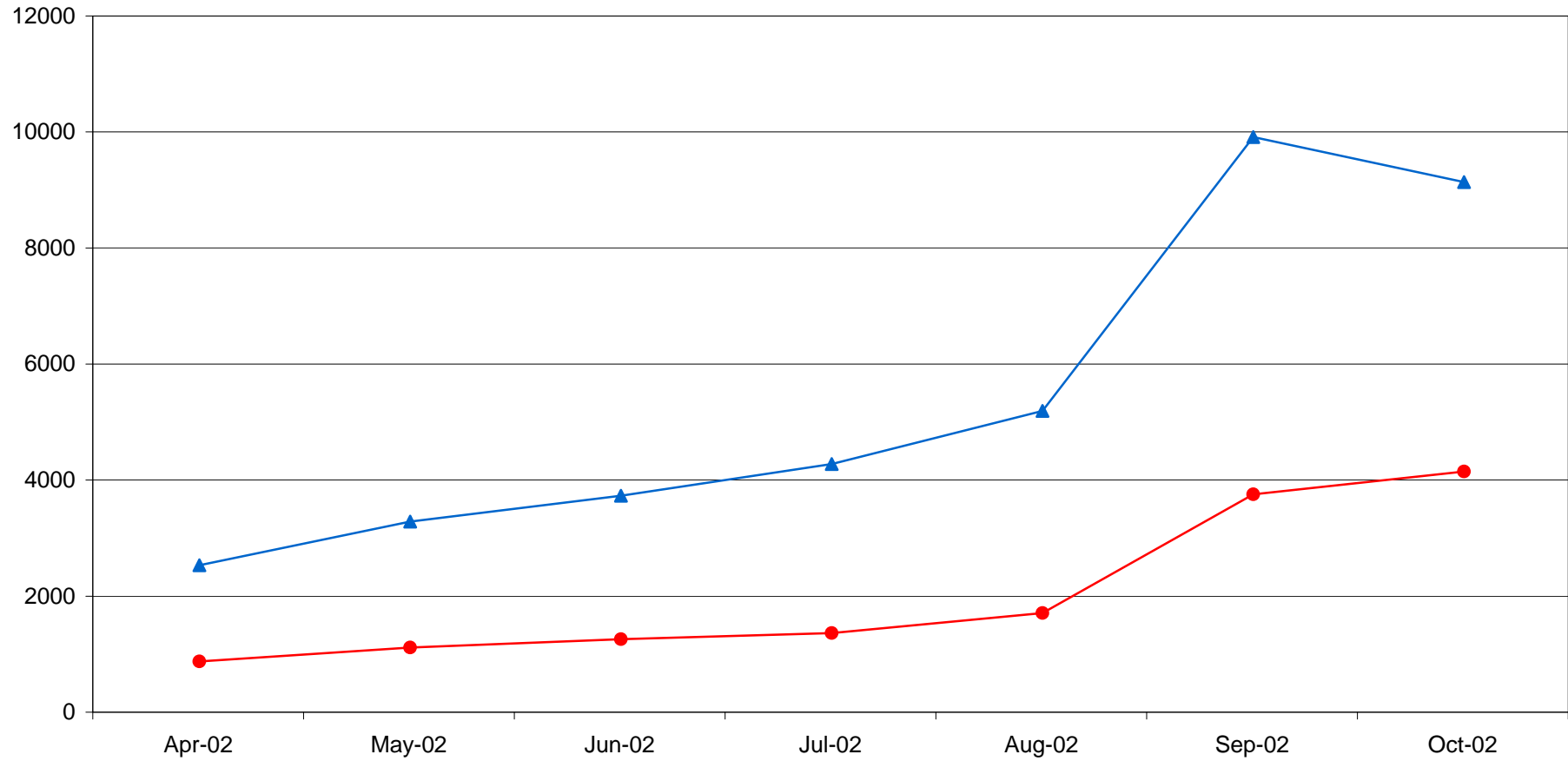
Please see URL: http://www.webalizer.com/webalizer_help.html

> Matthew Williams-Bywater (MW243-RIPE)
 > Customer Liaison Engineer
 > RIPE NCC (<http://www.ripe.net/np/>)

Hits, Files and Pages per Month for RIS Web Sites

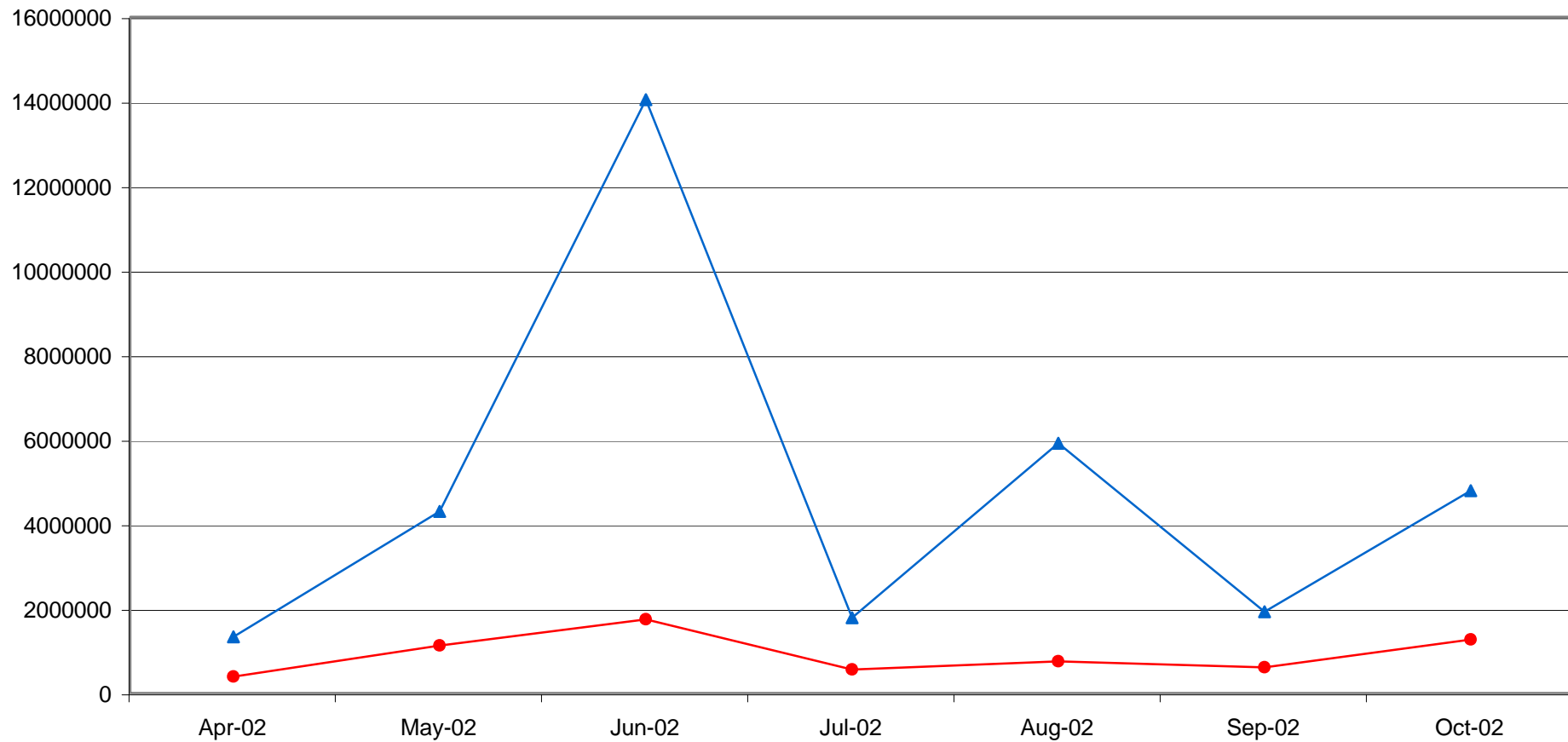


Sites and Visits per Month for RIS Web Sites (aggregate values)



	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02
—●— Sites	843	1084	1229	1330	1676	3726	4116
—▲— Visits	2502	3256	3702	4247	5161	9882	9105

Kbytes per Day for RIS Raw Data Site



	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02
● Avg	389213	1118262	1743961	553971	746995	604923	1262280
▲ Max	1335473	4292156	14033095	1779895	5903744	1926211	4789353