INTEGRAL Archive Statistics

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INTEGRAL User Group Meeting

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STATISTICS ON ARCHIVE USAGE

➤ **IUG Recommendation #30 (Meeting #10)**
All Integral archives shall provide the following data on archive usage:

- downloaded volume (external),
- number of download requests,
- number of unique accesses (IP adresses), leading to data download.

➤ Recent data compiled by Marion Cadolle Bel (ISOC Archive Scientist), but with many caveats:

- Data frequently has gaps for technical problems in logging.
- Different sites have different limitations on data completeness (e.g., ESAC does not track IP numbers).
- Definition, e.g., of "download request" not 100% firm.
- VO interfaces add traffic which is not always easy to distinguish.

European Space Agency

STATISTICS ON ARCHIVE USAGE

	ISDC			ISDA			HEASARC		
	Tb	# Req	Dist. IPs	Tb	# Req UI / AIO	Users	Tb	# Req	Dist. IPs
Jul 2010				0.001	7 / 2943	2	0.098	56	4
Aug 2010				0.009	0 / 2755	2	0.003	831	23
Jan 2011	2.5		155	0.001	0 / 10334	2	0.193		
Feb 2011	3.9		241	0.009	0 / 37163	2	0.056		
Mar 2011	>6.2		>367	1.015	11 / 39620	6	0.336		
Apr 2011	>0.6		>461	0.008	0 / 39490	3	0.252		

➤ RSDC Archive:

- download/usage rate: ~500GB/month
- total visits: ~100/month
- unique visitors: ~20/month