



**NOAA's *Online*
Beacon Registration Database
(RGDB)**

www.beaconregistration.noaa.gov

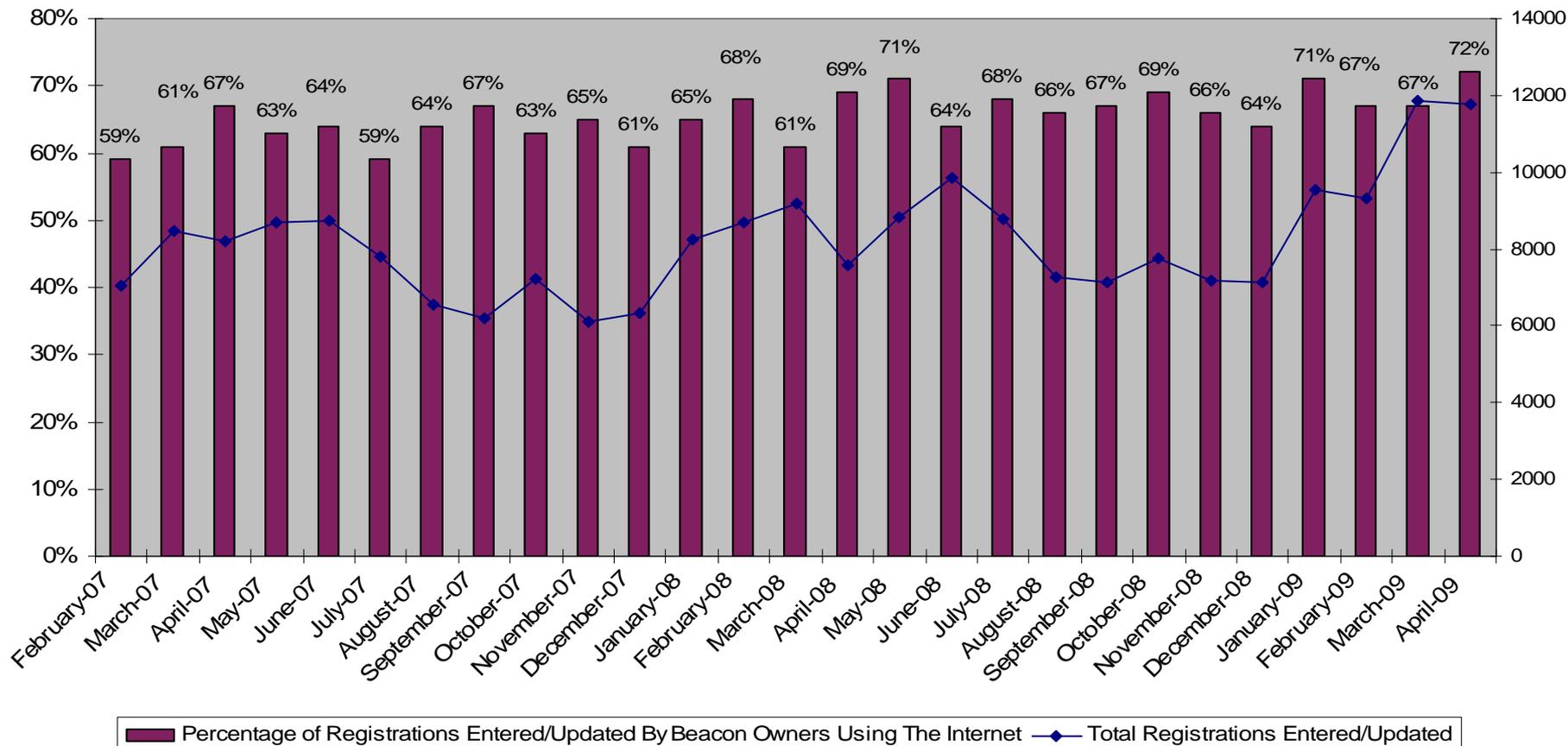
NOAA SARSAT PROGRAM



Online Usage Statistics



Registrations Entered/Updated For Periods Feb '07 to April '09

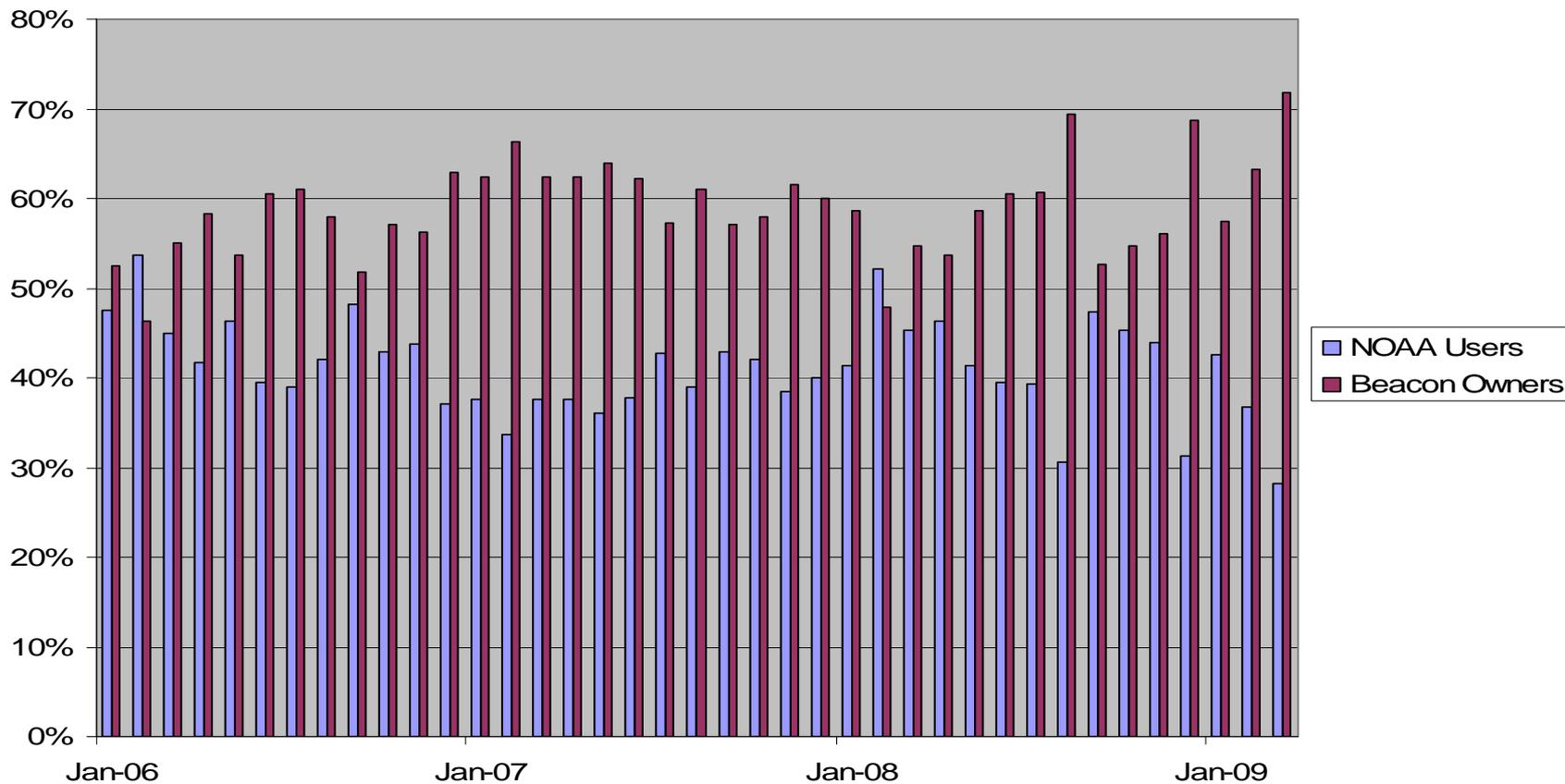


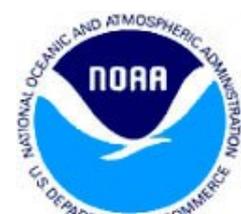


Initial Registrations By Users



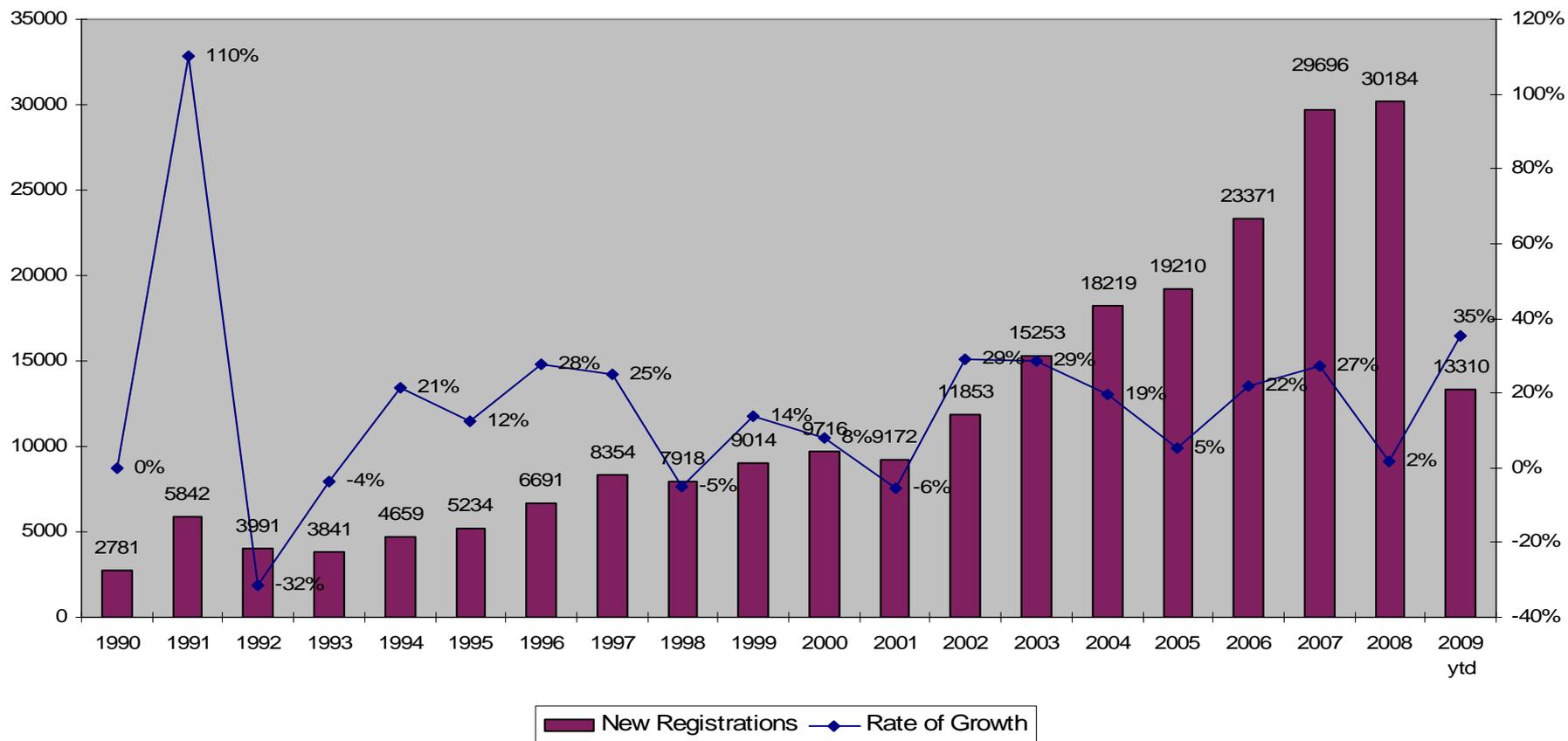
New Registrations Entries





Analysis of Current RGDB

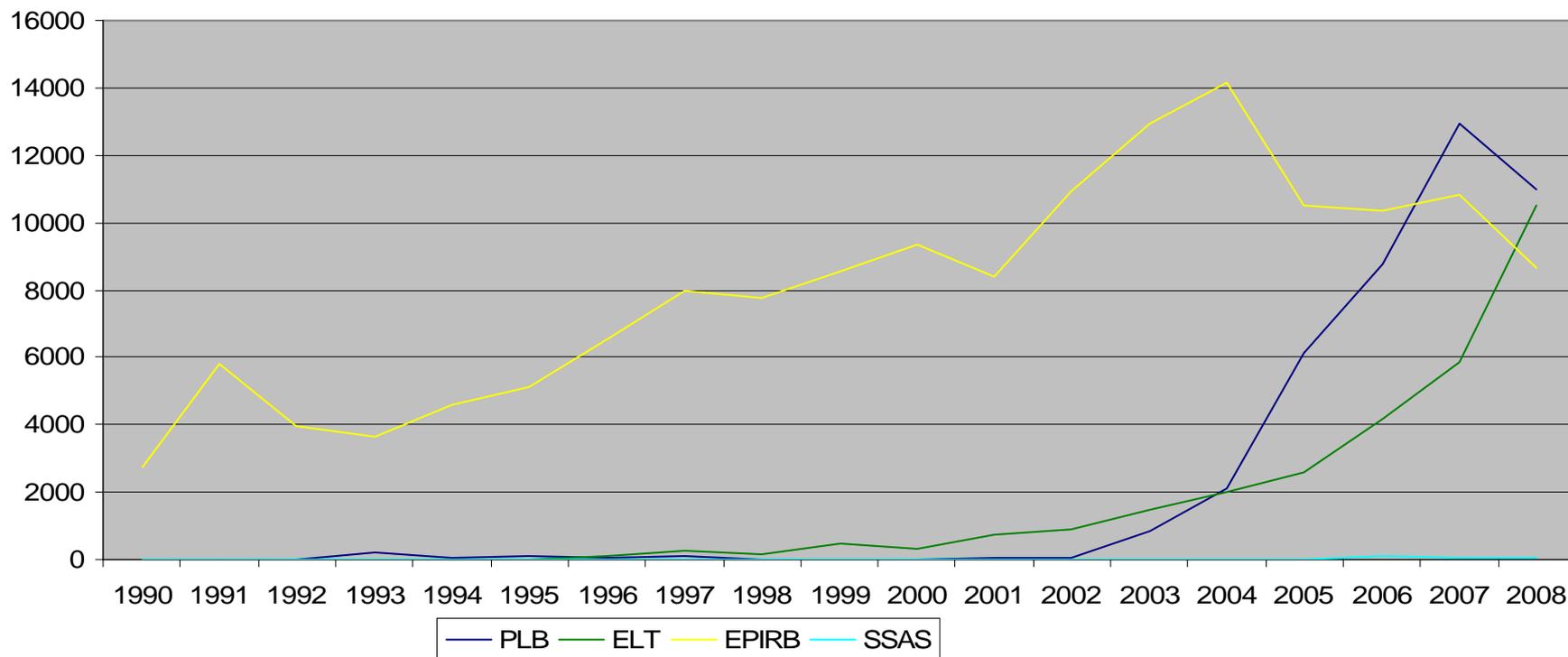
New Registrations As Of
April, 2009

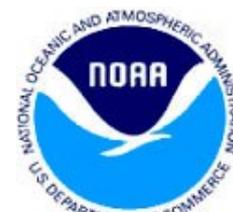




Analysis of Current RGDB

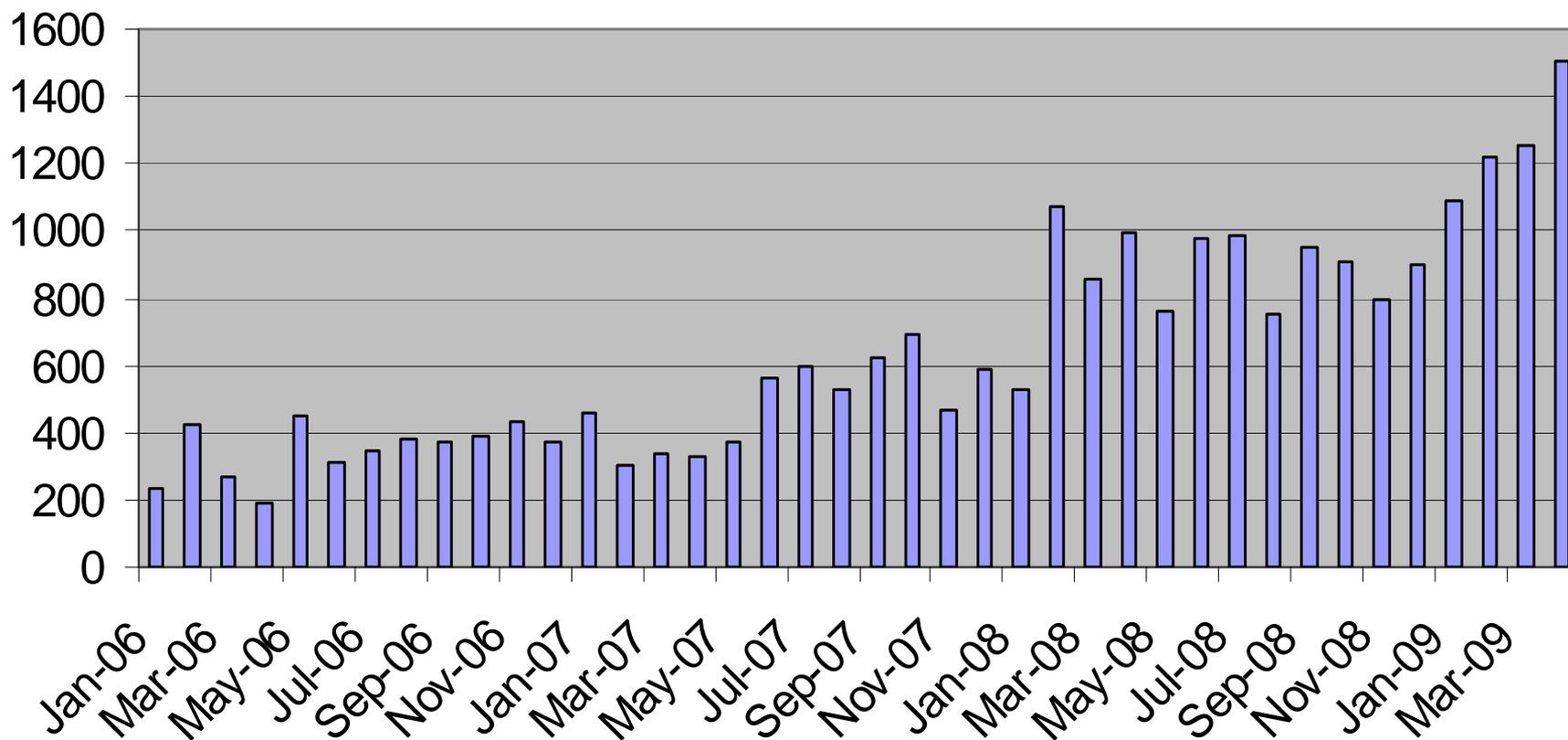
Beacon Registrations Entered 1990 to 2008





Analysis of Current RGDB

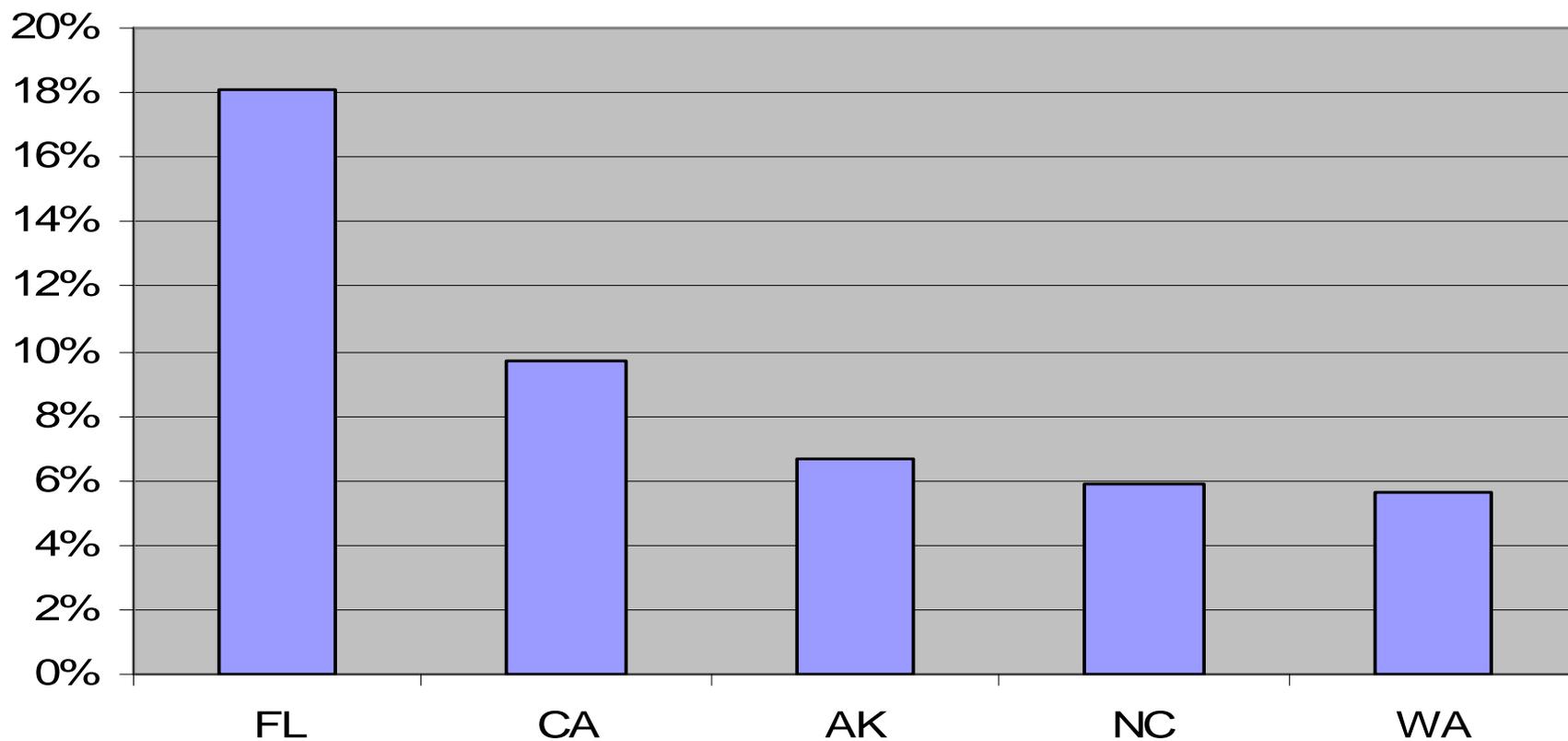
ELT Initial Registration By Month





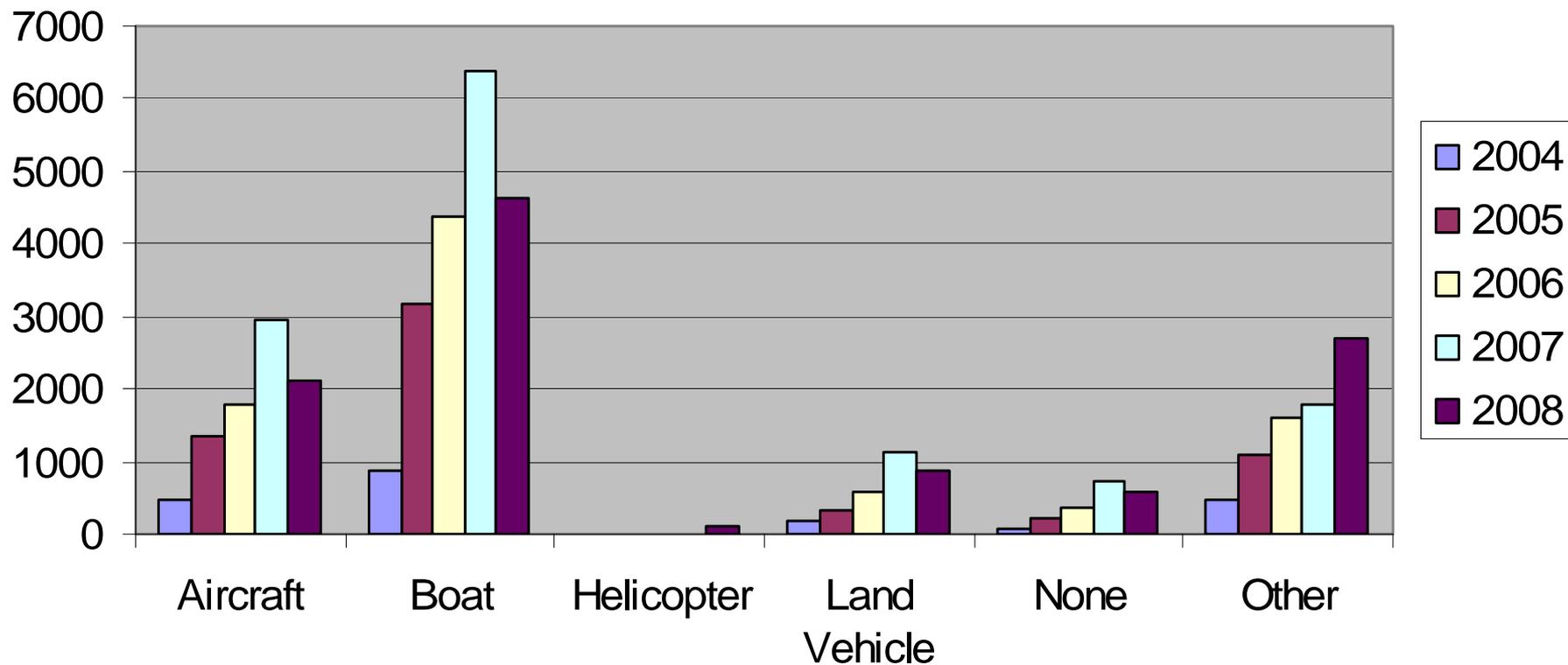
Top 5 States for PLBs

Top 5 States for PLBs



PLB Usage

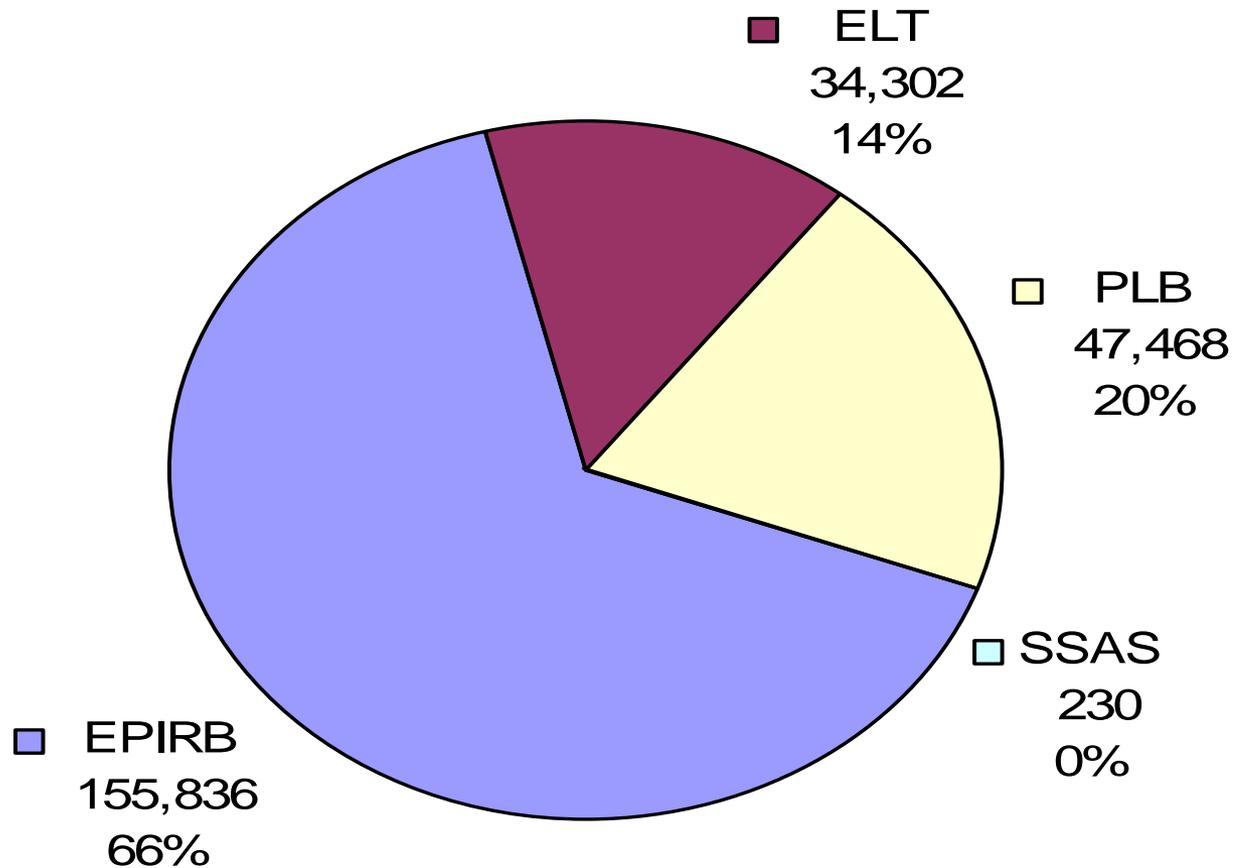
Specific Usage For PLBs



Analysis of Current RGDB



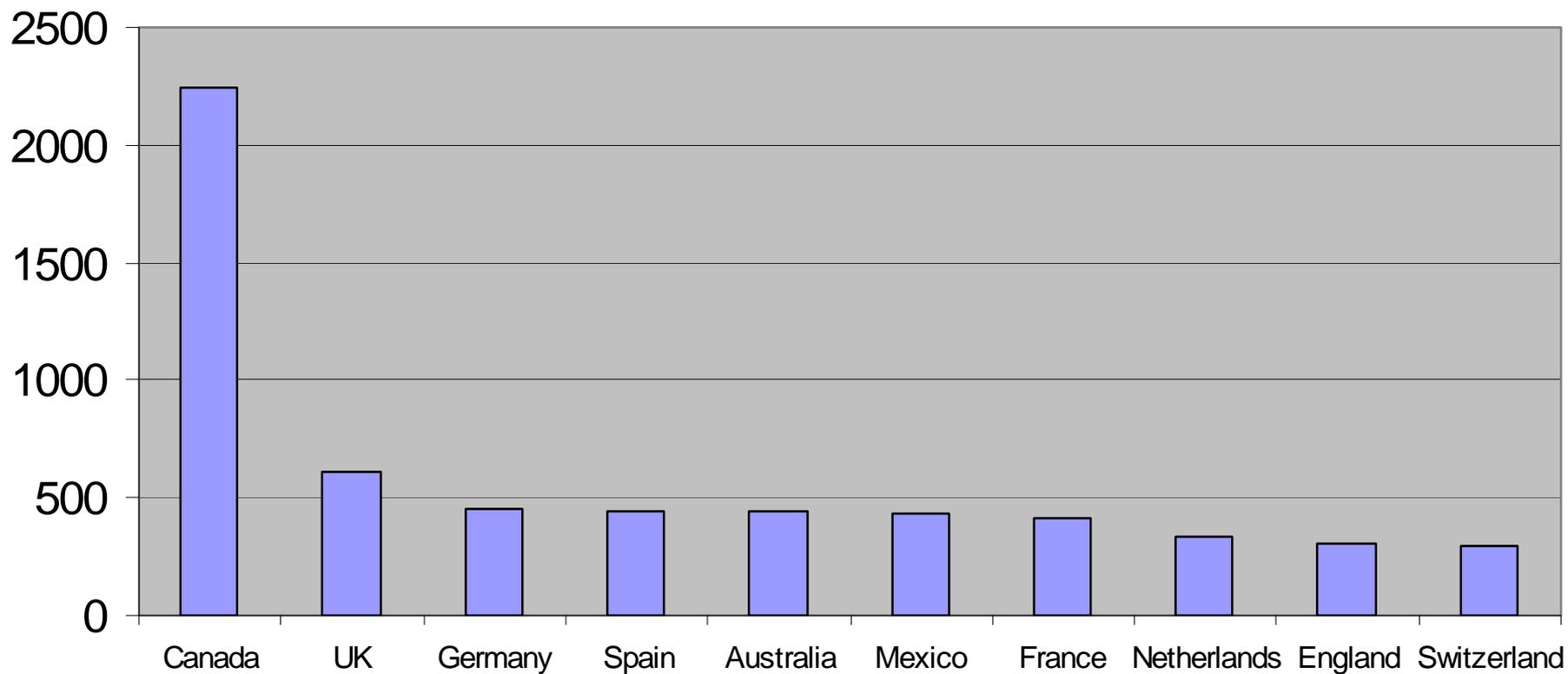
Registration Database Beacon Population Breakdown As of April 29, 2009





Non-USA Mailing Countries

Top 10 Non-USA Mailing Countries



U.S. Beacon Population Forecast 2010-2015



Beacons/Year	2010	2015
ELTs	137,000	342,000
EPIRBs	215,000	288,000
PLBs	292,000	470,000
SSAS beacons	500	1,000

Influencing Factors

- Trend of new registrations processed over the last few years
- Phase out of the processing of 121.5/243 MHz signals by February 1, 2009
- Legislation changes for ELTs to be carried on certain aircrafts.
- Legislation that bans the use of 121.5 EPIRBs as of January 1, 2007
- New vessels and aircrafts to be entered into the market
- Outreach efforts (i.e., NOAA and the National Search and Rescue Committee (NSARC))
- Note, the rate of growth for ELT population will be higher for 2010 estimates, but will decline for 2015 estimates



RGDB Usage

As Reported In the IHDB
For Period April 1, 2009 to April 30, 2009

Registration Usage

	Contributed to Case Resolution	Primary Means to Resolve Case	Total Usage	Registration Data Not Used	Total
Distress	10	6	16	2	18
Non-Distress	69	192	261	6	267
Ceased	22	8	30	12	42
Total	101	206	307	20	327

Measure of Usage when Registration is available:

94%

Distress:

88.9%

Non-Distress:

97.8%

Ceased:

71.4%¹²



RGDB Accuracy

	Owner Info		Contact Info		Vessel Info	
	Counts	Percentage	Counts	Percentage	Counts	Percentage
Accurate	265	83.07%	252	81.03%	267	88.41%
Not Accurate	54	16.93%	59	18.97%	35	11.59%
Not Verified	11		20		27	
Totals	319		311		302	

Overall Accuracy when verified: 84.1%



For Registration Correspondence

SARSAT Beacon Registration
National Oceanic and Atmospheric Administration
NSOF, E/SP3
4231 Suitland Road
Suitland, MD 20746

Phone: 301-817-4515
Toll free: 888-212-7283
Fax: 301-817-4565



Suggestions On How Beacon Manufactures Can Help



- Provide to NOAA the following:
 - Your arithmetic formula to determine correct beacon id for an owner when an owner contacts NOAA
 - serial number calculator for various protocols you use
 - A listing of any beacons you receive from an owner which you will not return back to the same owner
 - beacons serviced
 - beacons returned



Suggestions On How Beacon Manufactures Can Help



- Contact NOAA immediately when an issue arises which has a direct impact on beacon owners
 - Duplicate beacon id encoded into beacons
 - Mislabeling of beacon ids on forms or beacons
 - Any recalls you may have for beacons you have manufactured
- Remind an owner to re-register beacon with NOAA when beacon sent in for a replacement battery or is to be serviced
- Inform owners who have vessel information, tail number, mmsi information encoded into beacon regarding importance of getting the beacon recoded if the beacon is swapped from one vessel to another vessel or swapped from one tail to an another tail



Business Reply Envelopes (BREs) Coming Soon



- NOAA has decided to distribute business reply envelopes to beacon manufacturers for initial registrations
 - NOAA will pay for:
 - printing cost of envelopes
 - postage for actual usage by beacon owners for initial registrations sent by mail
 - A plan will be created by NOAA to distribute the appropriate quantities of envelopes to manufacturers.
 - Manufacturers will be contacted to provide an estimated production quantity to NOAA for a given time period