

# Number of Users Reported by BES User Facilities

## Number of Users\*

<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	
													<b>X-ray Light Sources</b>
2,551	2,523	2,413	2,206	2,299	2,256	2,105	2,219	2,128	2,214	2,229	2,313	2,453	• National Synchrotron Light Source
895	907	1,023	867	741	1,007	1,124	1,151	1,147	1,361	1,436	1,515	1,597	• Stanford Synchrotron Radiation Lightsource
1,036	1,163	1,385	1,662	1,898	2,003	2,158	1,748	1,938	1,918	2,032	1,931	1,995	• Advanced Light Source
1,527	1,989	2,299	2,767	2,773	3,215	3,274	3,420	3,279	3,537	3,796	3,986	4,360	• Advanced Photon Source
										359	516	571	• Linac Coherent Light Source
													<b>Neutron Scattering Facilities</b>
-	-	-	-	-	-	-	24	165	307	430	890	799	• Spallation Neutron Source
153	-	22	51	48	96	42	72	258	358	375	477	442	• High Flux Isotope Reactor**
25	122	164	269	339	221	297	272	261	416	325	308	249	• Manuel Lujan Jr. Neutron Scattering Center
													<b>Nanoscale Science Research Centers</b>
-	-	-	-	-	-	139	309	404	317	360	374	409	• Center for Nanophase Materials Sciences
-	-	-	-	-	-	-	164	303	209	274	327	434	• Molecular Foundry
-	-	-	-	-	-	-	189	272	354	358	348	356	• Center for Integrated Nanotechnologies
-	-	-	-	-	-	-	112	196	305	377	368	444	• Center for Nanoscale Materials***
-	-	-	-	-	-	-	-	106	213	281	363	446	• Center for Functional Nanomaterials
													<b>Electron-beam Microcharacterization Centers</b>
83	88	103	95	128	154	140	199	153	155	190	220	206	• Electron Microscopy Center for Materials Research
201	212	232	253	241	232	205	183	152	149	164	188	184	• National Center for Electron Microscopy
99	97	111	112	109	150	132	159	144	161	165	210	209	• Shared Research Equipment Program

\* Users are researchers who propose and conduct peer-reviewed experiments at a scientific facility.

• The primary type of user is a Badged User, i.e., a researcher who conducts experiments within the facility.

• There are two other types of users who conduct experiments: (1) Remote User—a researcher who has been granted authority to remotely produce data (this excludes persons who can "look at data"); and (2) Off-Site User—a researcher to whom the facility provides custom-manufactured materials, tools, or devices that the facility has unique or unusual capabilities to fabricate (this applies only to such activities at Nanoscale Science Research Centers). For both types of these users, only one user is to be counted per proposal regardless of the number of co-investigators, and only if no individual is counted in any of the other user categories under the same proposal.

• For annual totals, an individual is counted as 1 user at a particular facility no matter how often or how long the researcher conducts experiments at the facility during the fiscal year. A Badged User cannot also be counted as another type of user. Users must submit a successful, peer-reviewed research proposal and conduct experiments, as described above. Therefore, users do not include individuals who only send in samples to be analyzed, even if such activities are part of a peer-reviewed experiment. Users do not include individuals who pay to have specialty services performed or visit the facility for tours or educational purposes. Users also do not include researchers who collaborate on the proposal or subsequent research papers but do not conduct experiments at the facility.

\*\* The High Flux Isotope Reactor (HFIR) was down for maintenance, safety standowns, and upgrades for significant periods during FY01–FY07. HFIR's users include researchers who perform neutron scattering (figures shown above). HFIR also delivers services such as neutron activation analyses and materials irradiation.

\*\*\*CNM user counts revised in January 2012 from 470 to 377 for FY10 and from 528 to 368 for FY11.