

**Table 8-4**  
**Personnel engaged in research and development by occupational category**

	2007	2008	2009 <sup>r</sup>	2010 <sup>r</sup>	2011 <sup>p</sup>
	number				
<b>Total research and development personnel</b>	<b>167,692</b>	<b>172,744</b> <sup>D</sup>	<b>155,172</b> <sup>A</sup>	<b>140,324</b> <sup>A</sup>	<b>140,423</b> <sup>A</sup>
Research and development professionals	94,761	98,387 <sup>A</sup>	93,357 <sup>A</sup>	92,156 <sup>A</sup>	93,443 <sup>A</sup>
Research and development technicians and technologists	52,117	52,075 <sup>A</sup>	47,187 <sup>A</sup>	37,237 <sup>A</sup>	37,912 <sup>A</sup>
Research and development other support staff	20,814	22,282 <sup>A</sup>	14,628 <sup>A</sup>	10,931 <sup>A</sup>	9,067 <sup>A</sup>

**Note(s):** Components may not add to totals due to rounding. Personnel counts are reported as full-time equivalent.