

# By the numbers, ChemIT and PhysIT

Count of people, systems, and networks that ChemIT and PhysIT supports. Our group supports approximately 375 people and about 900 computers and printers.

## See also

- <http://it.chem.cornell.edu/>

## In Chemistry, we support:

Category and summary	Details	Notes
<b>355 people</b>	<p>43 faculty with Chemistry offices, including:</p> <ul style="list-style-type: none"><li>• All 33 listed on Chemistry's web site</li><li>• 1 of 2 Adjunct</li><li>• 9 of 14 Emeritus</li><li>• None of 10 Field Members</li></ul> <p>138 staff, including:</p> <ul style="list-style-type: none"><li>• 40 PostDocs</li><li>• 33 research staff</li><li>• 36 department staff<ul style="list-style-type: none"><li>◦ 18 admin staff</li><li>◦ 11 instruction or lab services staff</li><li>◦ 4 facility staff</li><li>◦ 3 external staff (EMC2)</li></ul></li><li>• 11 visiting scientists</li><li>• 6 temps</li><li>• 12 part-time undergrad employees</li></ul> <p>156 PhD graduate students</p> <p>18 part-time undergrad researchers</p> <hr/> <p>275 people in on-campus faculty research groups</p>	<p>Number derived from Jan. 2016 lists from:</p> <ul style="list-style-type: none"><li>• Chair's Office</li><li>• <a href="http://chemistry.cornell.edu/faculty/index.cfm">http://chemistry.cornell.edu/faculty/index.cfm</a></li><li>• HR</li><li>• Student Services</li></ul>
<b>47 groups</b>	<p>34 faculty research groups billed, of 43 active faculty</p> <p>1 instructional group</p> <p>5 research facility groups</p> <p>5 administrative groups</p> <p>1 research division administrative group (EMC^2)</p> <p>55 financial accounts billed</p>	<p>Numbers derived from billing.</p> <p>46 groups billed.</p> <ul style="list-style-type: none"><li>• The Chemistry IT group does not bill itself.</li><li>• Instructional is divided into 2 billing groups</li></ul>

<b>825+ devices</b>	<ul style="list-style-type: none"> <li>• 676 computers billed <ul style="list-style-type: none"> <li>◦ 478 objects in Active Directory (as of 4/2016) <ul style="list-style-type: none"> <li>▪ (of 1,065 in all of A&amp;S)</li> </ul> </li> <li>◦ About 500 objects in Symantec (as of 4/2016)</li> <li>◦ About 1,000 systems actively tracked in inventory <ul style="list-style-type: none"> <li>▪ 679 in research groups <ul style="list-style-type: none"> <li>• 487 billed in research groups</li> <li>• hundreds as servers</li> <li>• hundreds as instrument systems</li> <li>• hundreds in groups' storage</li> </ul> </li> <li>▪ 45 in 6 facility groups <ul style="list-style-type: none"> <li>• 41 billed</li> </ul> </li> <li>▪ 29 in administrative groups <ul style="list-style-type: none"> <li>• 17 billed (ChemIT not bills self)</li> </ul> </li> <li>▪ 183 instruction <ul style="list-style-type: none"> <li>• 131 billed in instruction groups</li> <li>• 146 lab computers</li> <li>• 37 instruction staff</li> </ul> </li> <li>▪ 34 central storage</li> </ul> </li> </ul> </li> <li>• 124 printers <ul style="list-style-type: none"> <li>◦ 109 printers are networked</li> </ul> </li> </ul>	Numbers derived from billing and inventory
<b>8 networks (subnets)</b>	<ul style="list-style-type: none"> <li>• 4 research networks <ul style="list-style-type: none"> <li>◦ 1 RedNet</li> </ul> </li> <li>• 1 classroom network</li> <li>• 1 server network</li> <li>• 2 staff networks</li> </ul>	<a href="#">Chemistry's Computer Exception Form and related networks</a>

In Physics Admin and Instruction, we support:

Category and summary	Details	Notes
<b>25 people</b>	24 staff 1 faculty	
<b>80+ devices</b>	60 computers (as of 4/2016) <ul style="list-style-type: none"> <li>• 21 Admin</li> <li>• 34 Instruction</li> <li>• 2 research</li> <li>• 4 central storage</li> </ul> ~20 printers <ul style="list-style-type: none"> <li>• 15 printers are networked</li> </ul>	
<b>2 networks</b>	<ul style="list-style-type: none"> <li>• 1 staff and instructional</li> <li>• 1 instructional <ul style="list-style-type: none"> <li>◦ 1 RedNet</li> </ul> </li> </ul>	

Specific counts we have provided to past ad hoc requests

Date and Purpose	Response
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<p>April 2016</p> <p>Cornell Security Summit</p>	<p>Total number of machines (computers) you support: 825 chemistry + 60 Physics = 885 (1050 inventory)</p> <p>Total number of end-users you support: 355 Chemistry + 25 Physics = 380</p> <ul style="list-style-type: none"> <li>Comments: includes Chemistry: <ul style="list-style-type: none"> <li>43 Faculty - regular and emeritus (some quite active)</li> <li>138 staff, including department, research, academic</li> <li>156 PhD grad students</li> <li>24 Physics staff + 1 faculty</li> </ul> </li> </ul> <p>Number of physical servers in your area: 33 servers + 166 computational nodes</p> <p>Number of virtual servers in your area: 11</p> <p>Number of servers (physical, virtual) off-site: *none supported, see comments</p> <ul style="list-style-type: none"> <li>Comments: <ul style="list-style-type: none"> <li>Some research groups have contracted web sites</li> <li>Argon facility under control of a Chemistry faculty in Illinois has computers, servers and web servers which we do not control or support, and are not in these counts</li> </ul> </li> </ul> <p>Number of end-users running solely with user rights on their computer: 175</p> <p>Number of end-users running solely with admin rights on their computer: 50</p> <p>Number of end-users running as user but having a separate admin account available: 150</p> <p>Number of devices (on your wired networks) registered in DNSDB: 600</p> <p>Number of devices (on your wired networks) NOT registered in DNSDB: 400</p> <ul style="list-style-type: none"> <li>Comments: <ul style="list-style-type: none"> <li>This device estimate includes computers, printers, and routers</li> <li>Unregistered systems include computing clusters, research groups, and internal management networks.</li> </ul> </li> </ul>
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