

Mass Spectrometry in the state of São Paulo

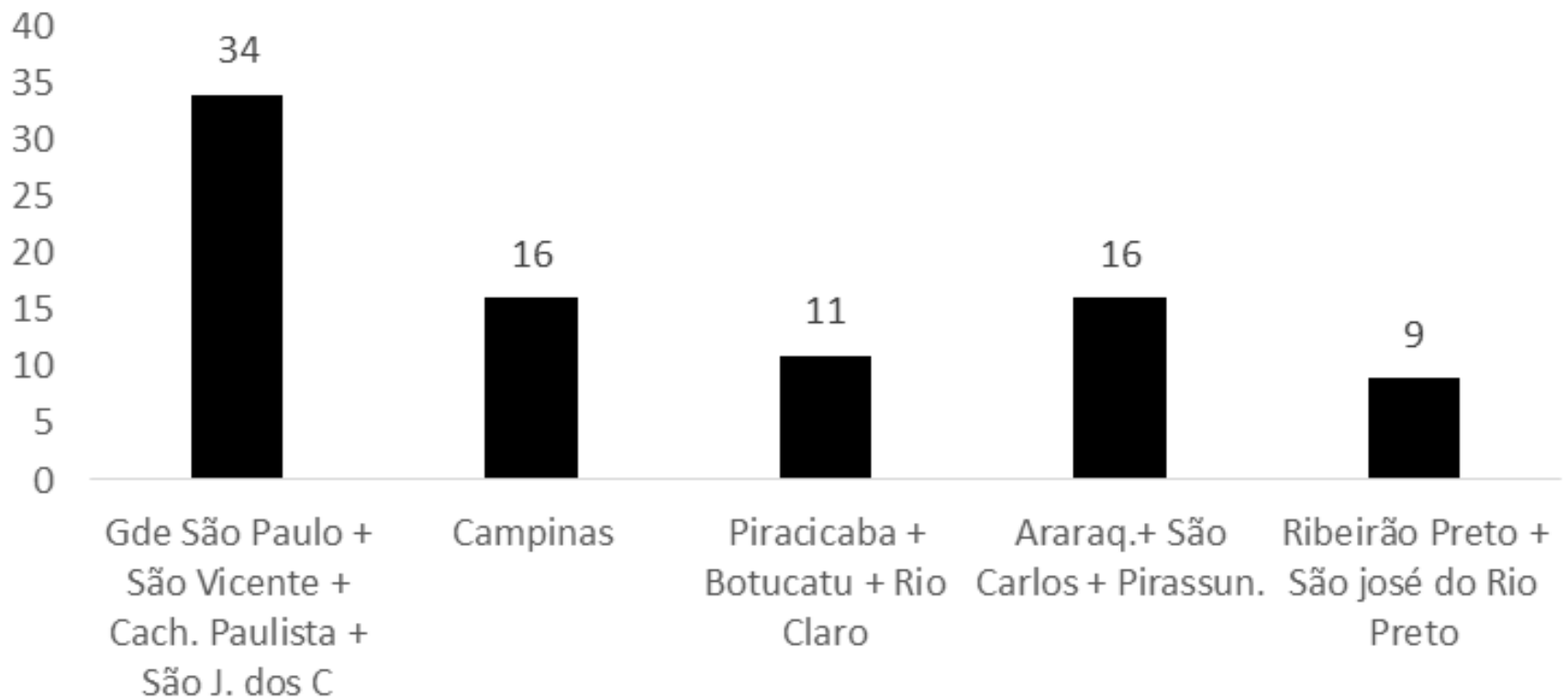
An overview

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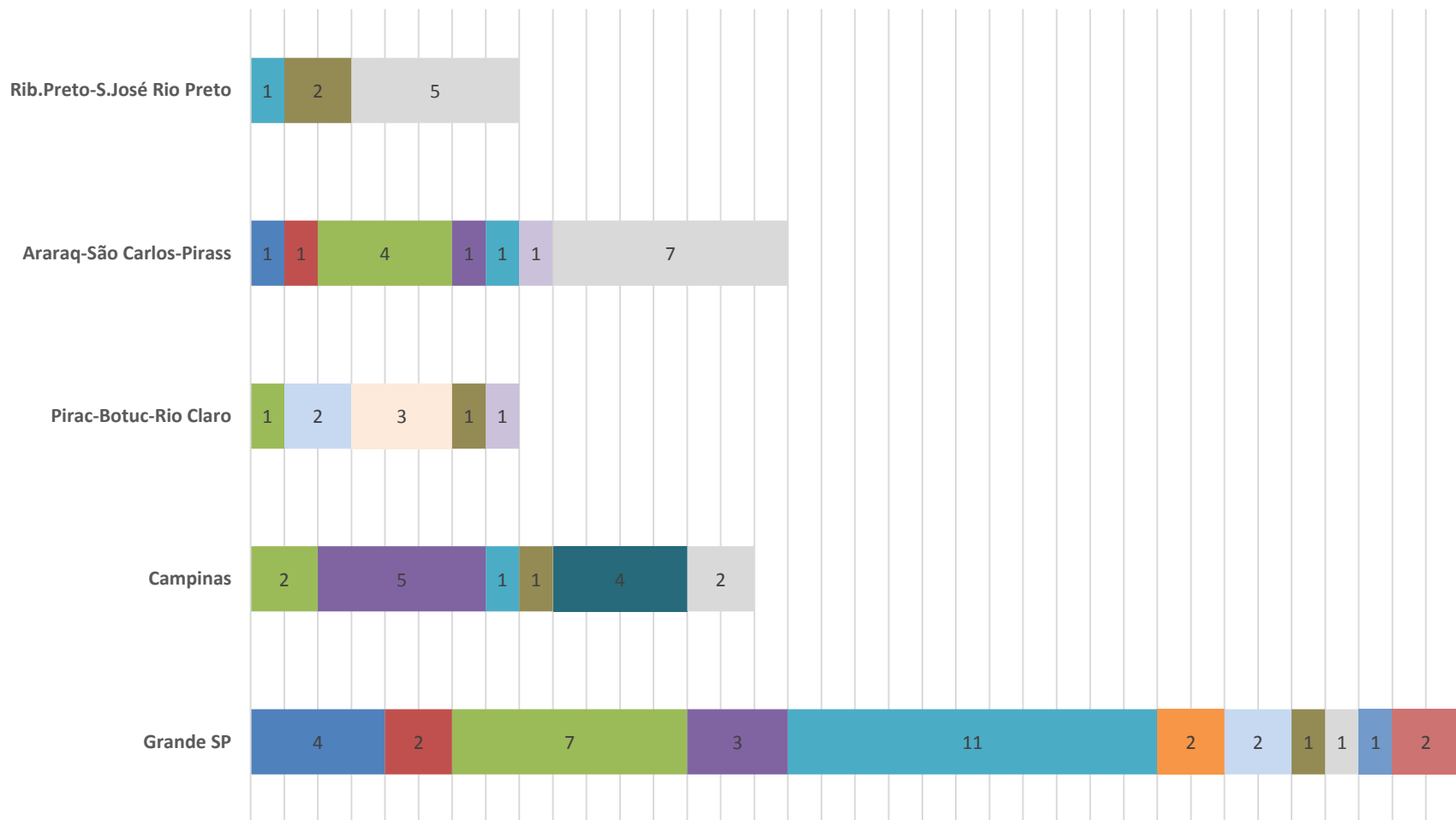
Some numbers

- From 2000 – 2012: 103 mass spectrometers were acquired by FAPESP
 - 17 as multi-user equipment
 - 86 associated to research projects (mainly Young Researcher or Thematic Projects)
- From 2013-2015: 6 mass spectrometers all as multi-user equipment

Geographic distribution of non multi-user equipments

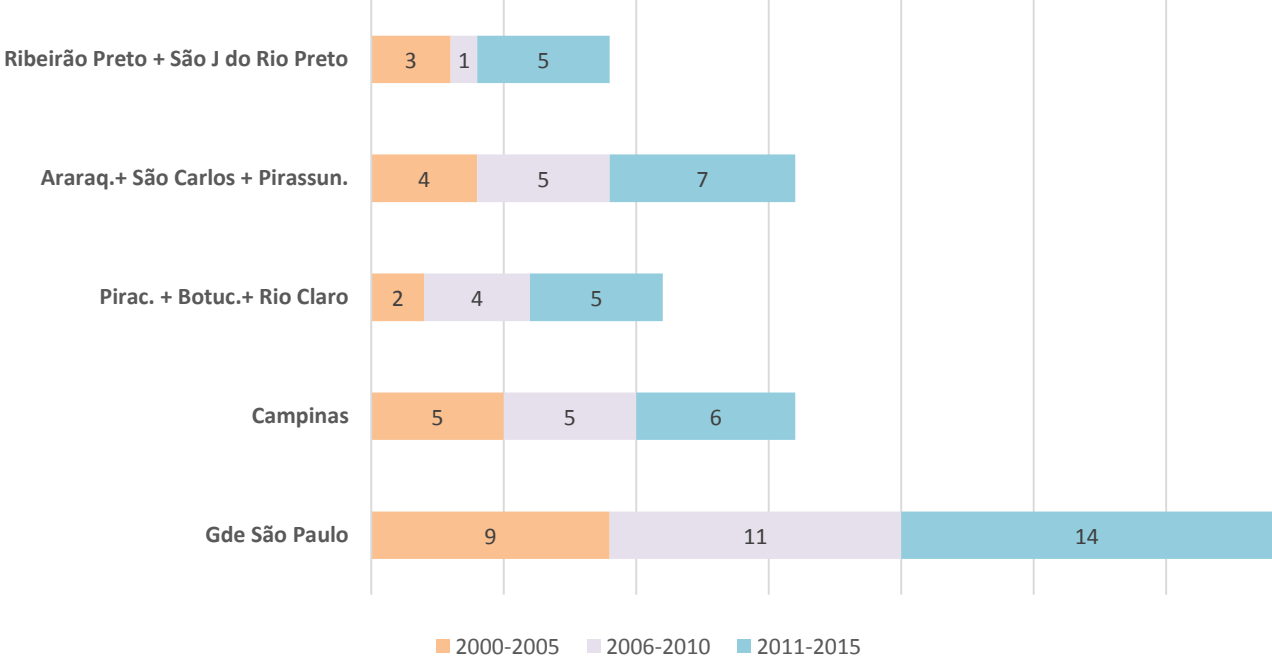


no Multi-User Equipments

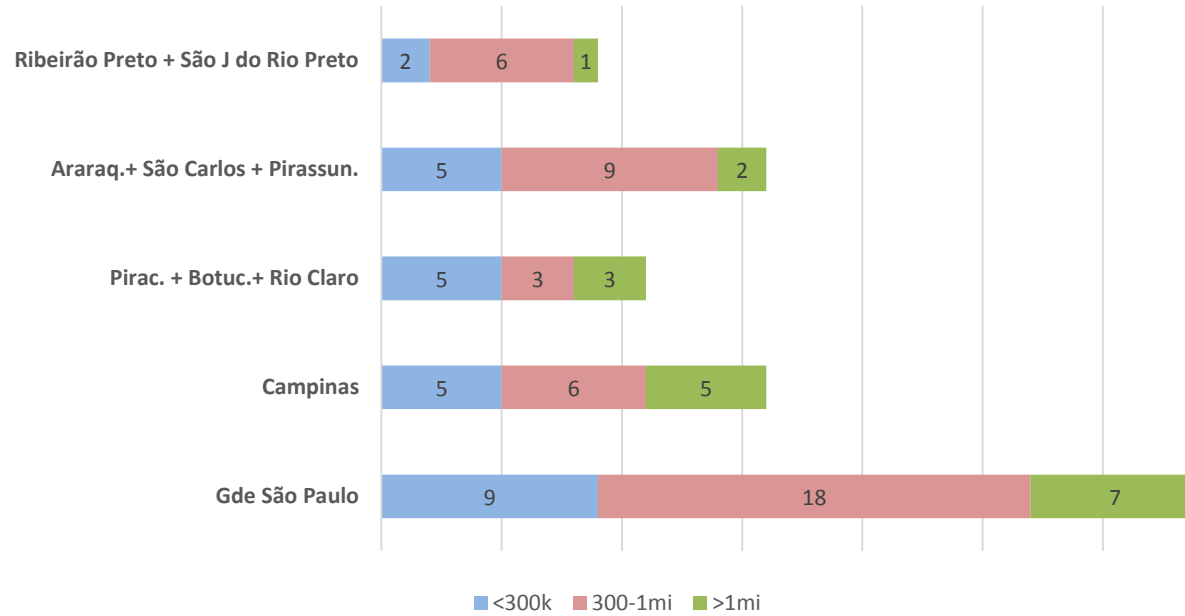


- Toxicolog
- New Molecules
- Non-biologic
- Proteins
- Protheom/human met.
- Immunochemistry
- Isotopes
- Biomass
- Secon. Met.
- Food
- Various
- Biomaterials
- Fuel
- Pharmaceuticals

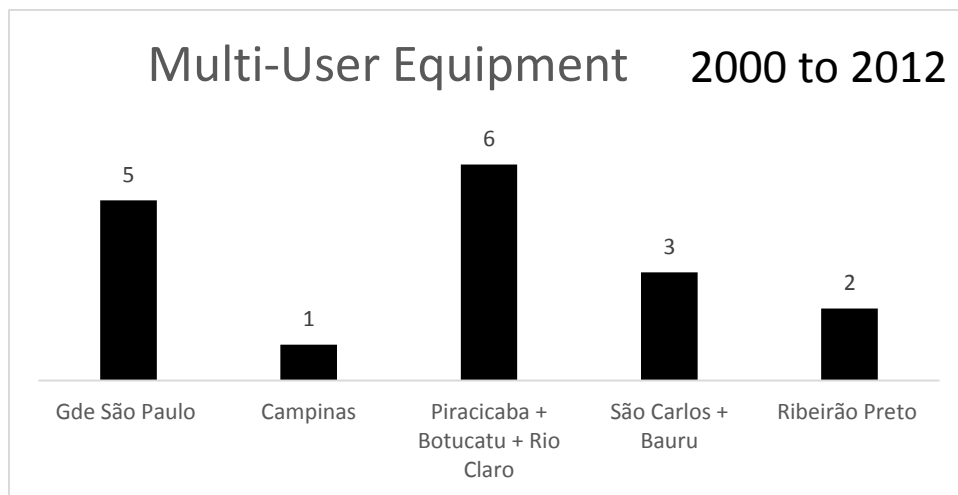
Date the equipment was acquired



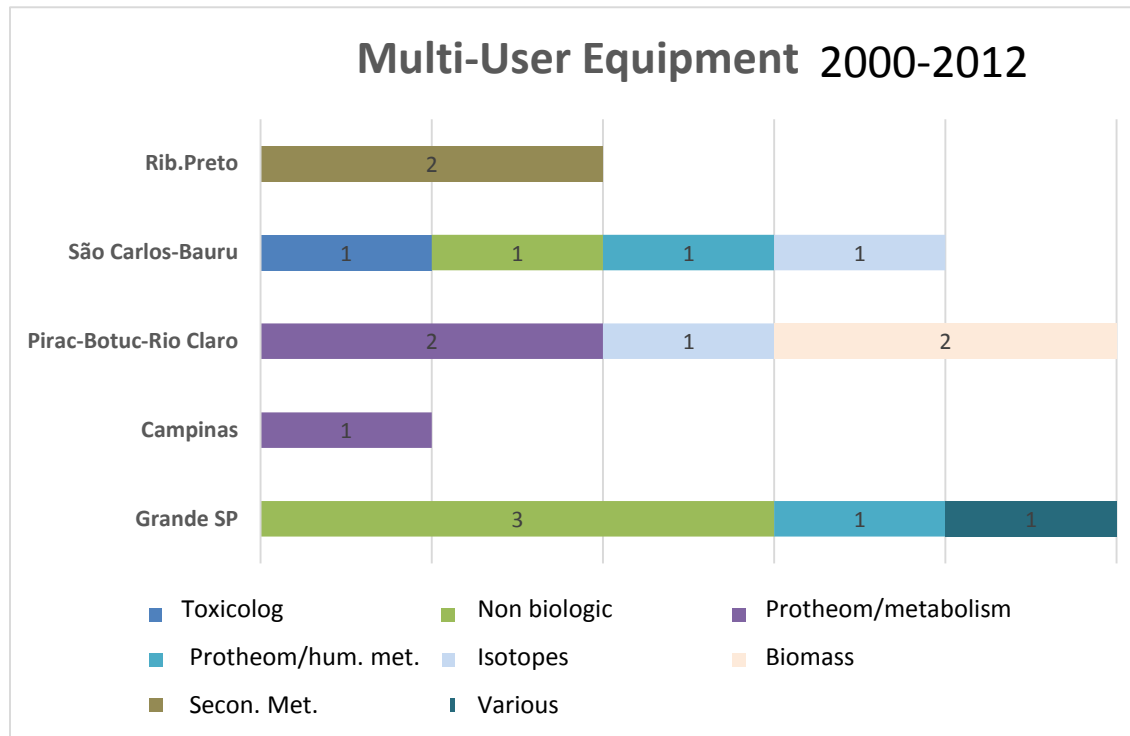
Value of the equipment (R\$)



Multi-User Mass Spectrometers



From 2013-2015: Gde São Paulo (2)
Campinas (2)
São Carlos (1)
Ribeirão Preto (1)



Acquisition: one in 2006, all the others 2010 or later

http://bv.fapesp.br/pt/survey/emu_201605_resultados/

Themes for discussion

- What is the present role of the facilities in MS?
- What are the new generation of mass spec?
- What are the requirements for their operation?
- Where is the best place to locate the new mass spectrometers?