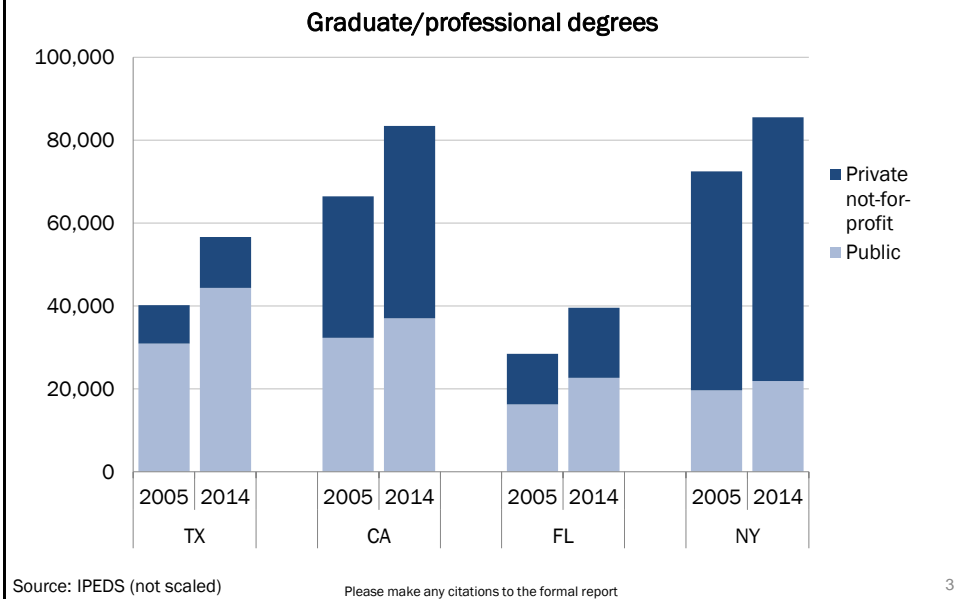


Selected Study Findings

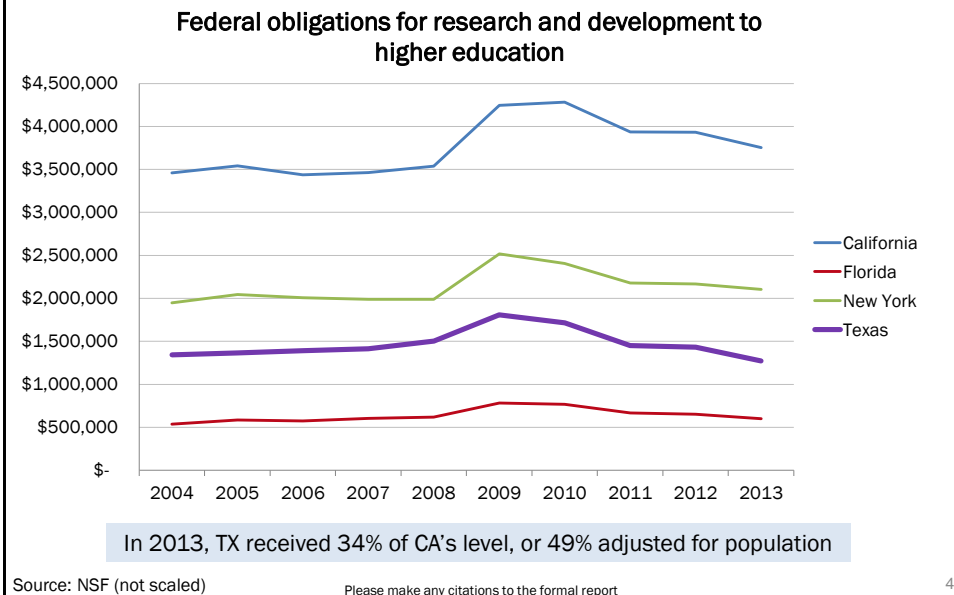
Please make any citations to the formal report

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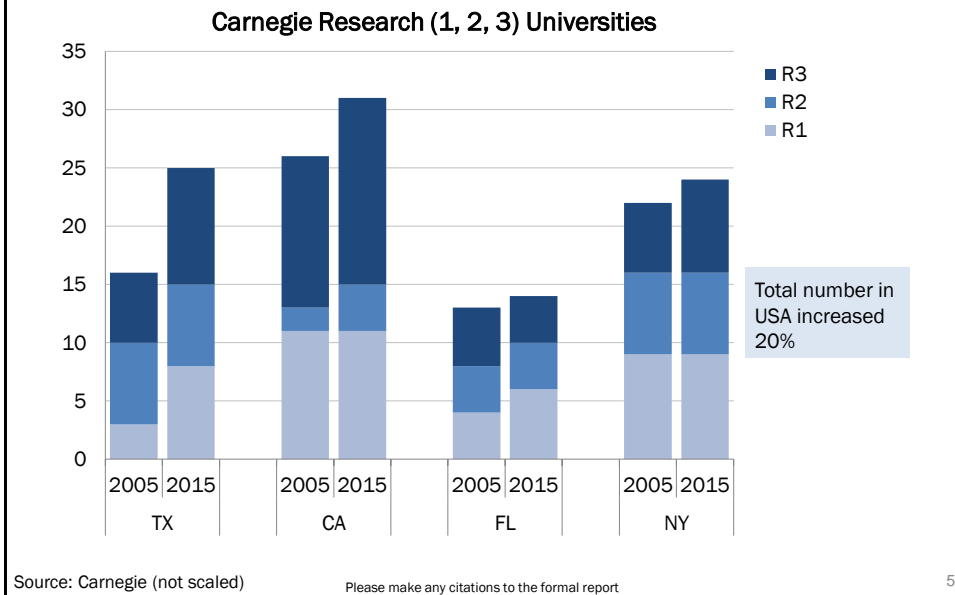
Texas has increased graduate degrees by 41%, but still produces fewer than CA and NY



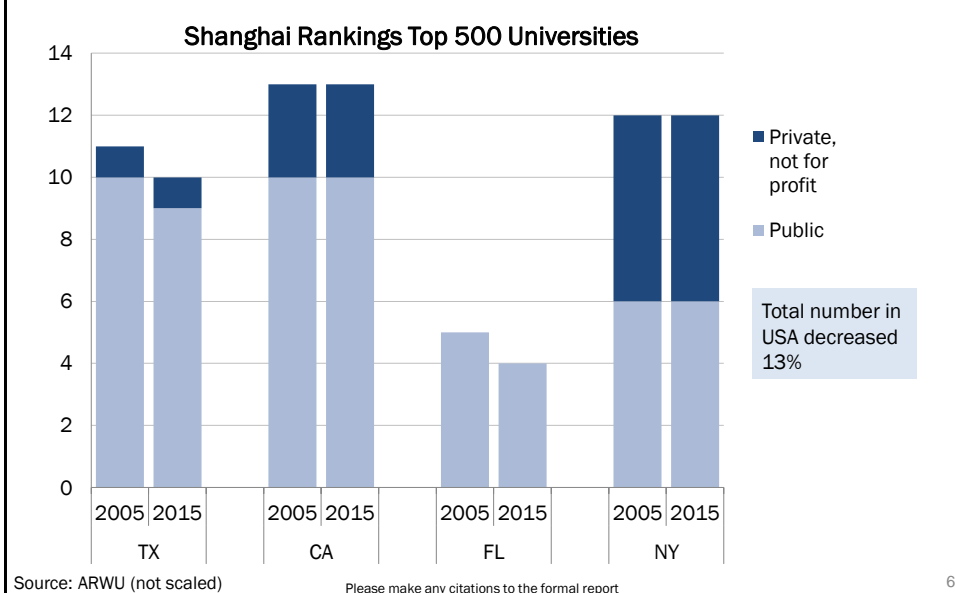
Overall federal R&D funding has been flat (except for stimulus); Texas's share is declining



Despite not growing federal R&D funding, Texas has significantly increased its recognized research universities



But Texas lost one globally-ranked university, reflecting escalating international competition



Texas is likely to need to expand graduate education and research programs

- 60x30TX plan calls for growth in higher education, including graduate education
- Texas has a number of nationally and internationally competitive universities and health-related institutions
- Efforts to increase competitiveness should focus on institutions with moderate to high research activity
- Graduate workforce demand is expected to be strong especially in fields where it is already strong
 - New or expanded programs will likely be needed

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Principal recommendations:
How can Texas manage
expansion of graduate education?

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- Funding
 - To meet labor market demands and enhance competitiveness of Texas public higher education institutions, the state should consider increasing funding
- Institutional capacity
 - THECB should place emphasis on institutional policies and support for research when evaluating doctoral program proposals
- Quality of online master's degrees
 - Institutions should regularly review quality of master's programs through accreditation or an alternative process

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- Pipeline
 - Strengthen the pipeline of domestic students, including underrepresented minorities, into science and engineering graduate programs
- Demand
 - Support institutions in assessing labor market and student demand
- Proposal review
 - Encourage institutions to review proposals early and consult informally with THECB staff

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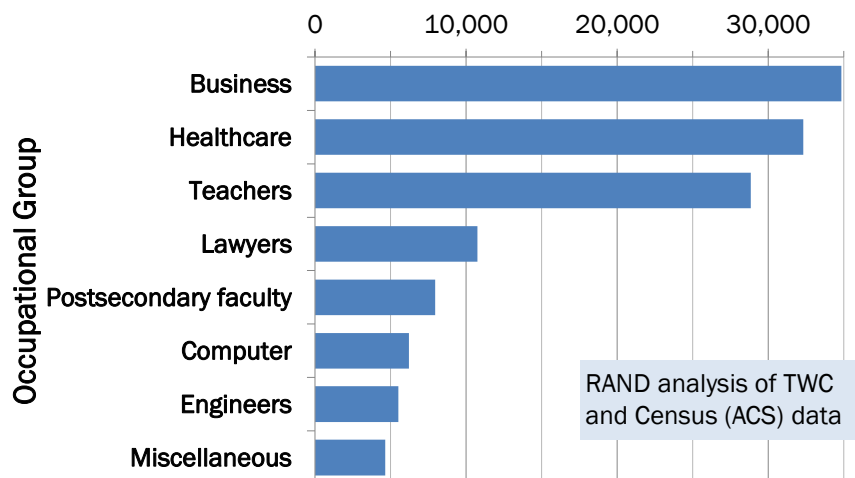
Appendix

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Business, Healthcare, and Education Occupations Have Highest Projected Demand

Projected Increases in Graduate Degree Demand,
10 years (2012-2022)



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