



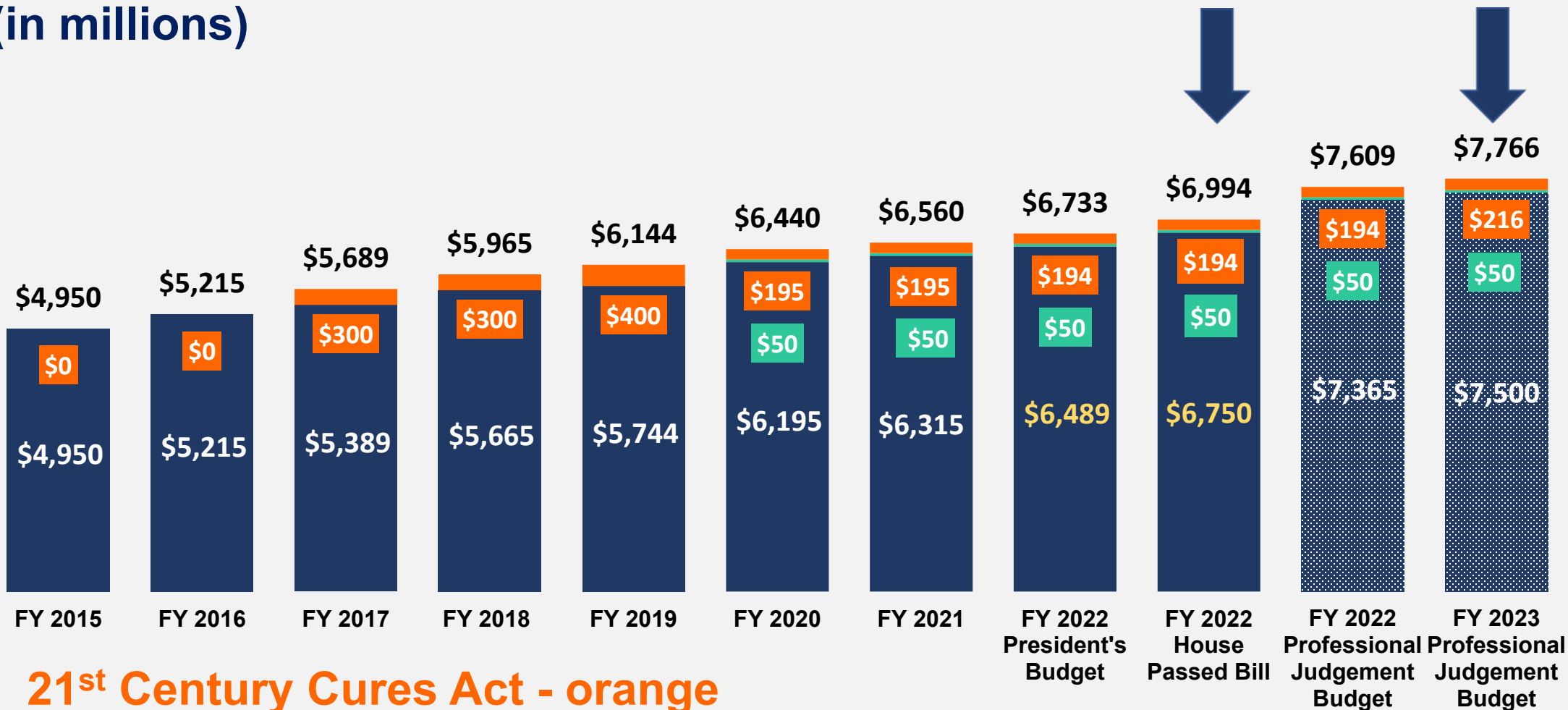
NCI Budget Update

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*NCAB Subcommittee on Planning & Budget
August 31, 2021*

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NCI Appropriations FY 2015 – 2021 (FY 2022 pending) (in millions)



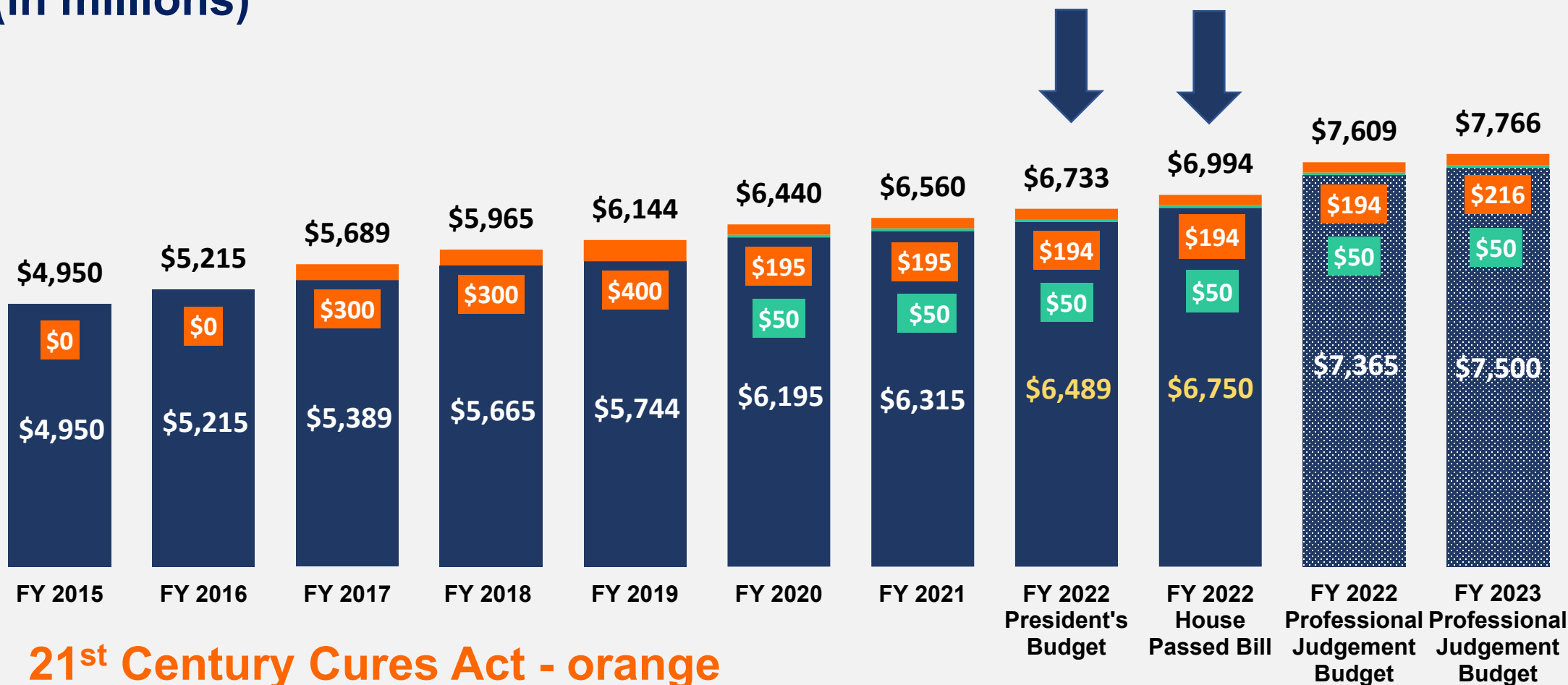
21st Century Cures Act - orange

Childhood Cancer Initiative - green

NCI Appropriations

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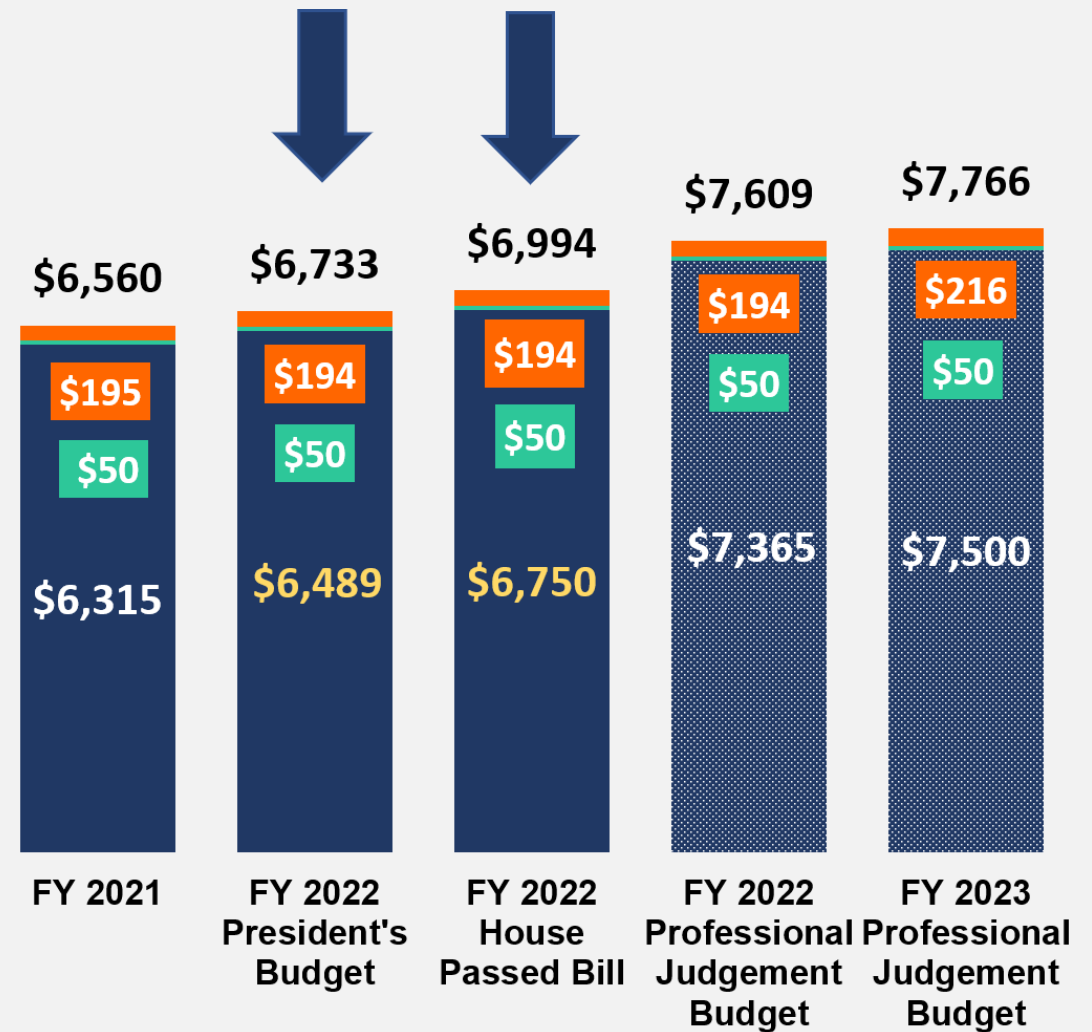


21st Century Cures Act - orange

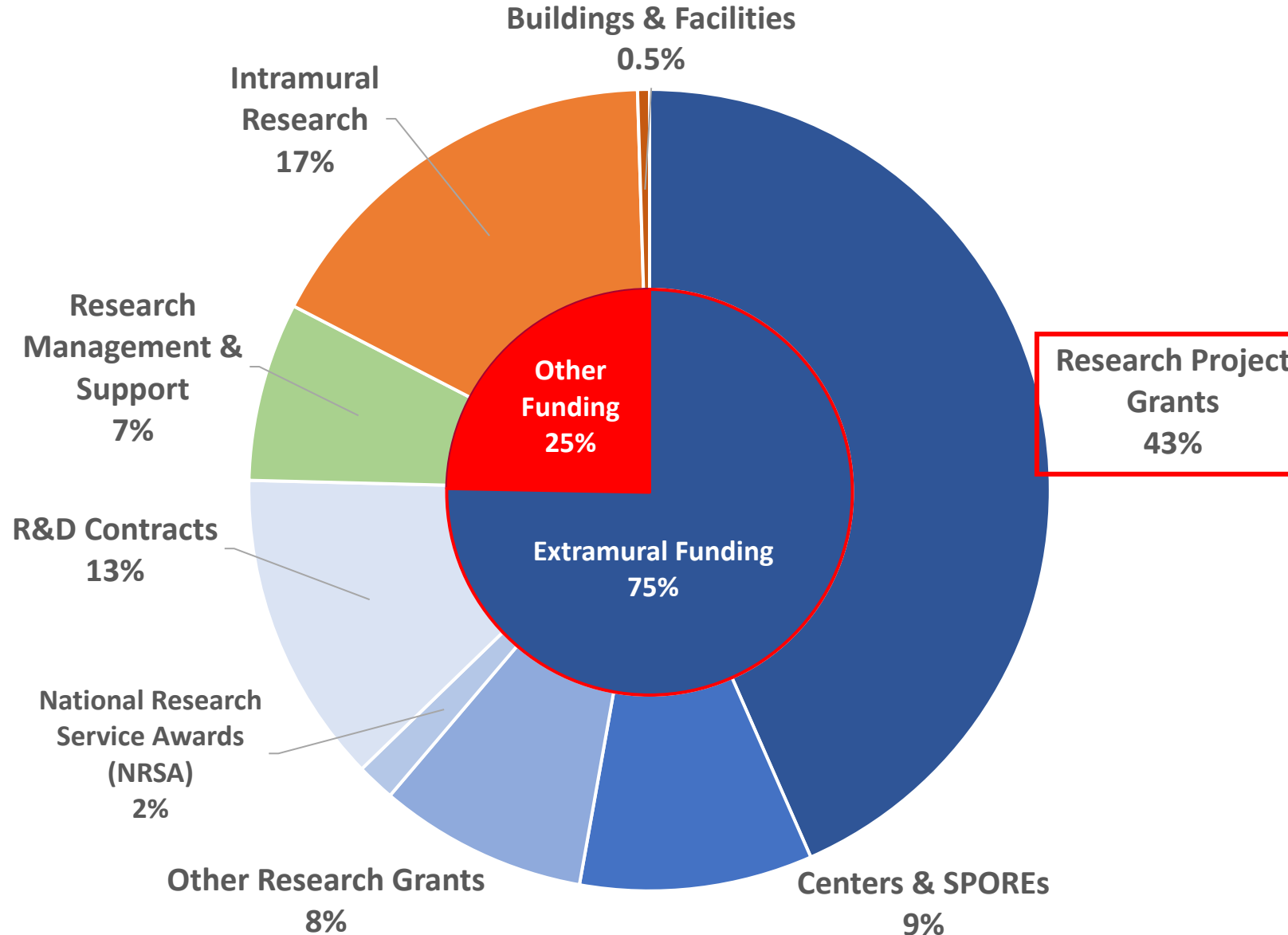
Childhood Cancer Initiative - green

FY 2022 NCI Budget Pending in Congress

- House Increase: +\$434M (+6.6%)
- If enacted as law, House increase will be second largest since FY 2014
- Only FY 2017, the first Moonshot year, was larger +\$474M (+9.1%)
- Senate action and final agreement on FY 2022 is *T.B.D.*

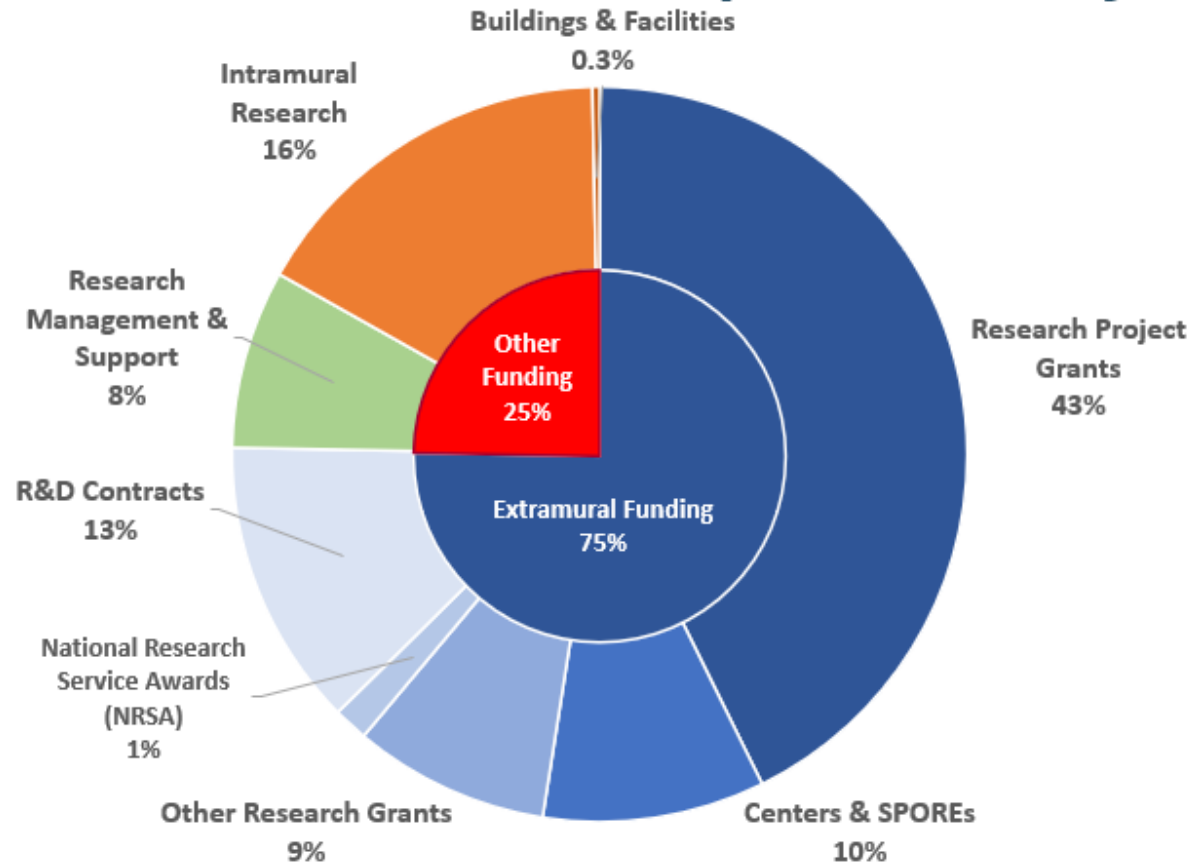


How does NCI spend its money? – *A preview of Doug Lowy's 9/1 presentation*



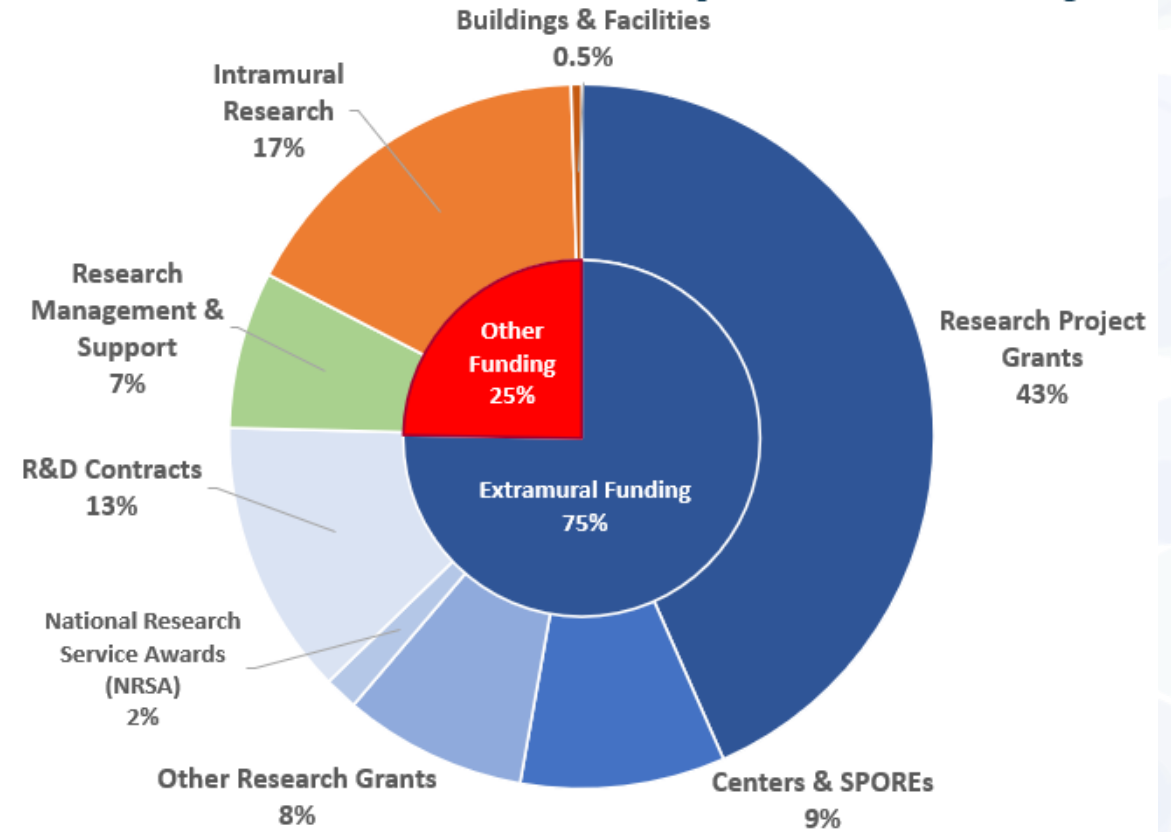
NCI Budget Spend, FY 2019 vs. FY 2020

FY 2019: How does NCI spend its money?



Based on FY 2019 estimates for **FY 2019** and excludes Cancer Moonshot funding

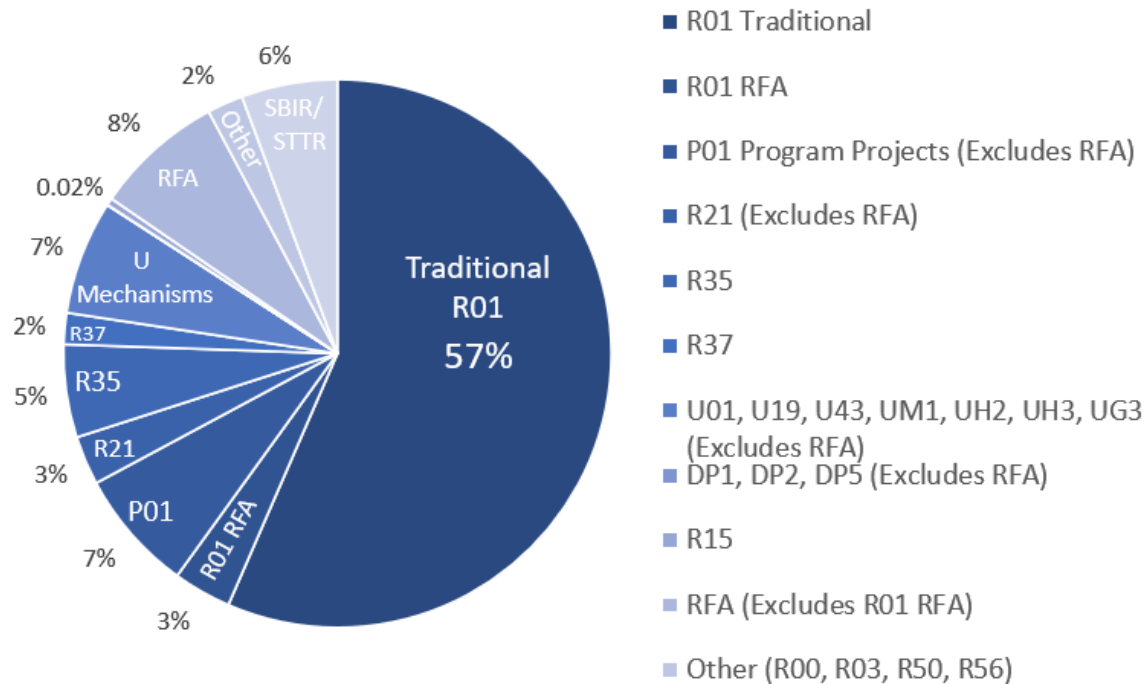
FY 2020: How does NCI spend its money?



Based on **FY 2020** Actuals and excludes Cancer Moonshot funding

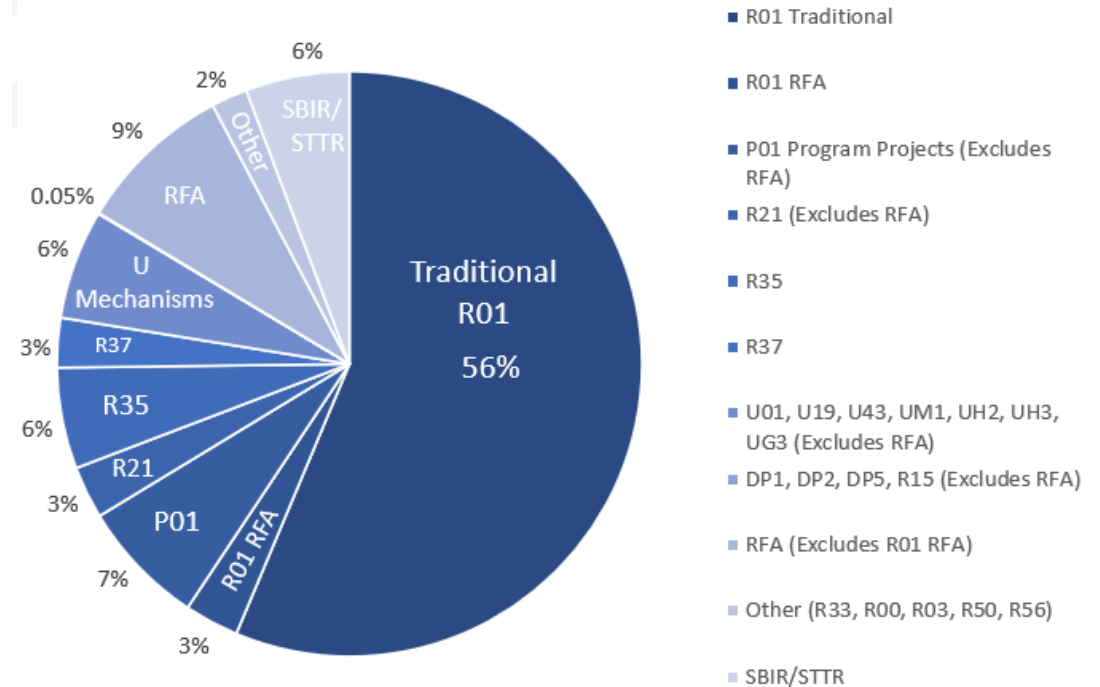
NCI RPG Spend, FY 2020 vs. FY 2019

FY 2019 Research Project Grants



Based on FY 2019 estimates for FY 2019 and excludes Cancer Moonshot funding

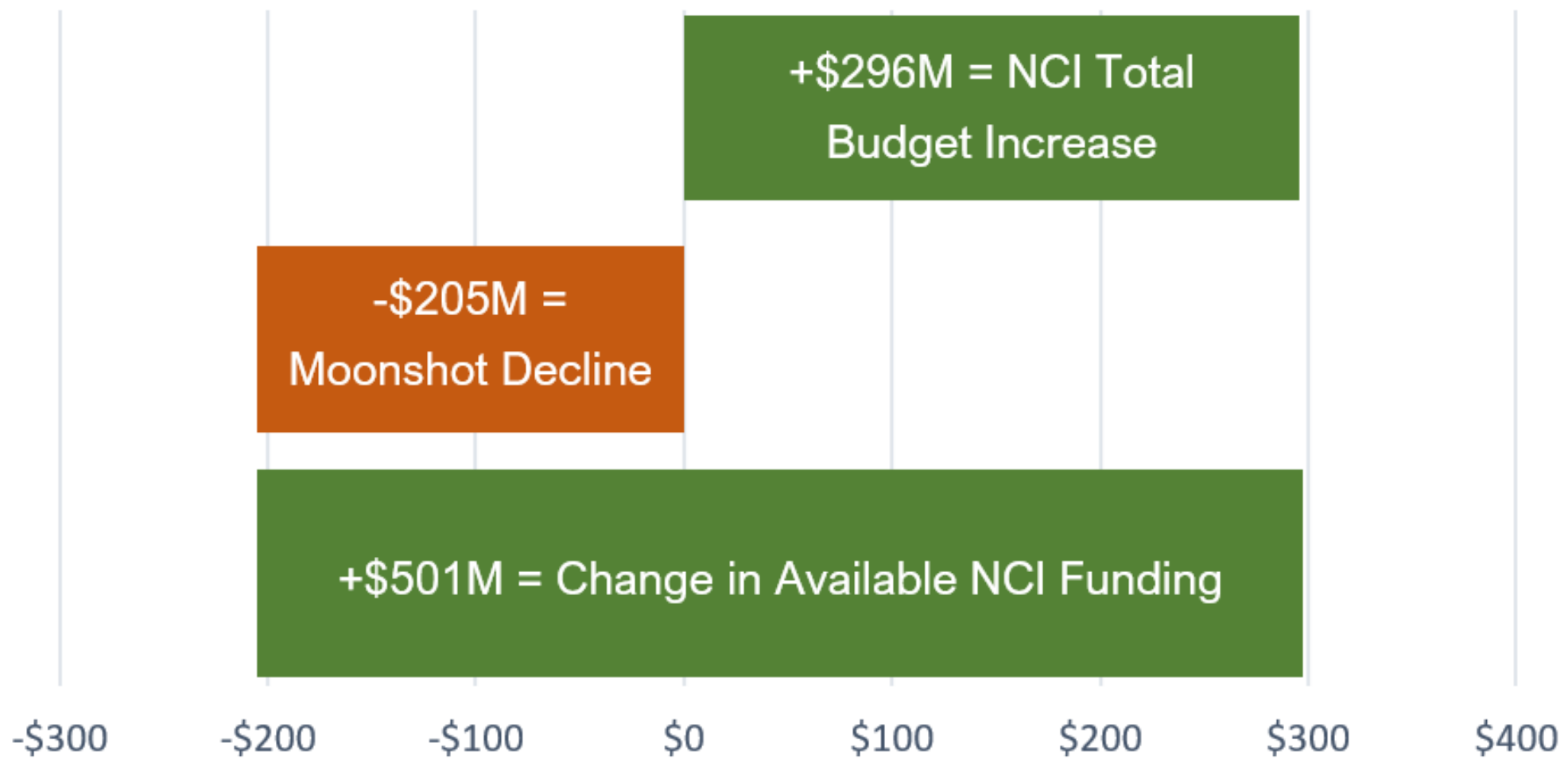
FY 2020 Research Project Grants



Based on FY 2020 Actuals and excludes Cancer Moonshot funding



Understanding FY 2020 and MS Future Context In Millions



Biden ARPA-H Initiative

- President's Budget (April 2021): \$6.5B for ARPA-H.
- House Passed Bill (July 2021): \$3.0B for ARPA-H.





Remarks by President Biden on the Weekly Economic Briefing

APRIL 09, 2021 • SPEECHES AND REMARKS

I'm proposing a \$6.5 billion appropriation for what we call "ARPA-H"

"Ending Cancer as We Know It: Building the Bridge to Get Us There"

Norman E. Sharpless, M.D.
Director, National Cancer Institute

American Association for Cancer Research
Annual Meeting

April 11, 2021

"ARPA-H is envisioned as a major investment in federal research to drive innovation . . ."

DeGette, Upton Unveil Bipartisan Legislation to Create Biden's New Advanced Research Agency to Cure Cancer

Jun 22, 2021 | Press Release

Provision to create new ARPA-H included in highly-anticipated Cures 2.0 bill

WASHINGTON, D.C. – U.S. Reps. Diana DeGette (D-CO) and Fred Upton (R-MI) today released draft legislation that would, among other things, make President Biden's dream of creating a new federal advanced research agency to cure cancer, Alzheimer's and other difficult diseases a reality.

ARPA-H: Accelerating biomedical breakthroughs

Francis S. Collins¹, Tara A. Schwetz^{1,2}, Lawrence A. Tabak¹, Eric S. Lander²

+ See all authors and affiliations

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DOI: 10.1126/science.abj8547

Advanced Research Projects Agency for Health

President Biden – “To develop breakthroughs – to prevent, detect, and treat diseases like Alzheimer’s, diabetes and cancer. . . I can think of no more worthy investment. And I know of nothing more bipartisan.” April 2021

NIH Director Collins – “ARPA-H represents the kind of transformative idea for biomedical research that only comes along once in a long while.” May 2021



White House and National Institutes of Health Close Out Listening Sessions with Over 5,100 Stakeholders on the Proposed Advanced Research Projects Agency for Health

Suggested Topics for Future Meetings

- Analysis of NCI PA & PAR spend profile
 - Trends over time
 - Ratios of PA & PAR spending within NCI's RPG pool
- 15 x 25 cost profile; R01 15th percentile by FY 2025
 - Range of variables and potential costs
 - Cost to sustain 15 x 25 goal



Questions?

Thank You

