

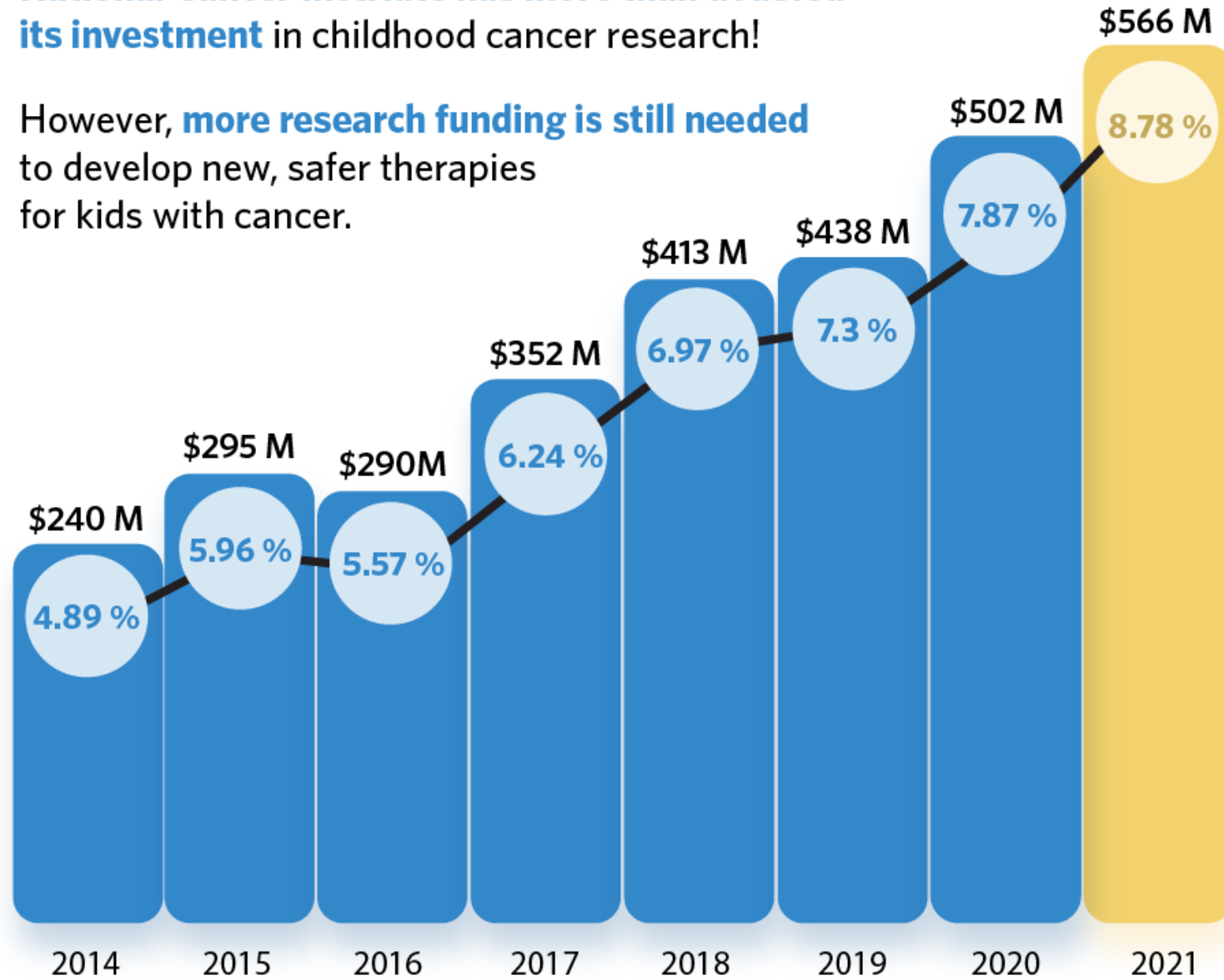
Demystifying the Federal Investment in Childhood Cancer Research: Breaking Down the '4%'

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“Less than 4% of the
National Cancer
Institute’s budget funds
childhood cancer
research.”

Thanks to greater awareness and advocacy, the **National Cancer Institute has more than doubled its investment** in childhood cancer research!

However, **more research funding is still needed** to develop new, safer therapies for kids with cancer.



Percentage reflects the share of pediatric cancer funding across total NCI obligations.

Where does '4%' come from?

NIH Research, Condition, and Disease Categories (RCDC)

- Required by Congress since 2008
- Uses text data mining and NIH-wide definitions to match projects to disease categories
- Currently tracks 309 research and disease areas (approx. 20 are cancer-specific)
- Currently maintains data from FY2008-FY2021
- 'Pediatric Cancer' tracked as a disease category since FY2014

NCI Funded Research Portfolio (NFPR)

- Uses reports from NCI programs to classify data
- Currently tracks 44 cancer-specific topics
- Currently maintains data from FY1998-FY2018
- 'Childhood Cancers' tracked as a research topic since FY2007

What IS Included?

- Childhood cancer projects funded at NCI in a given fiscal year

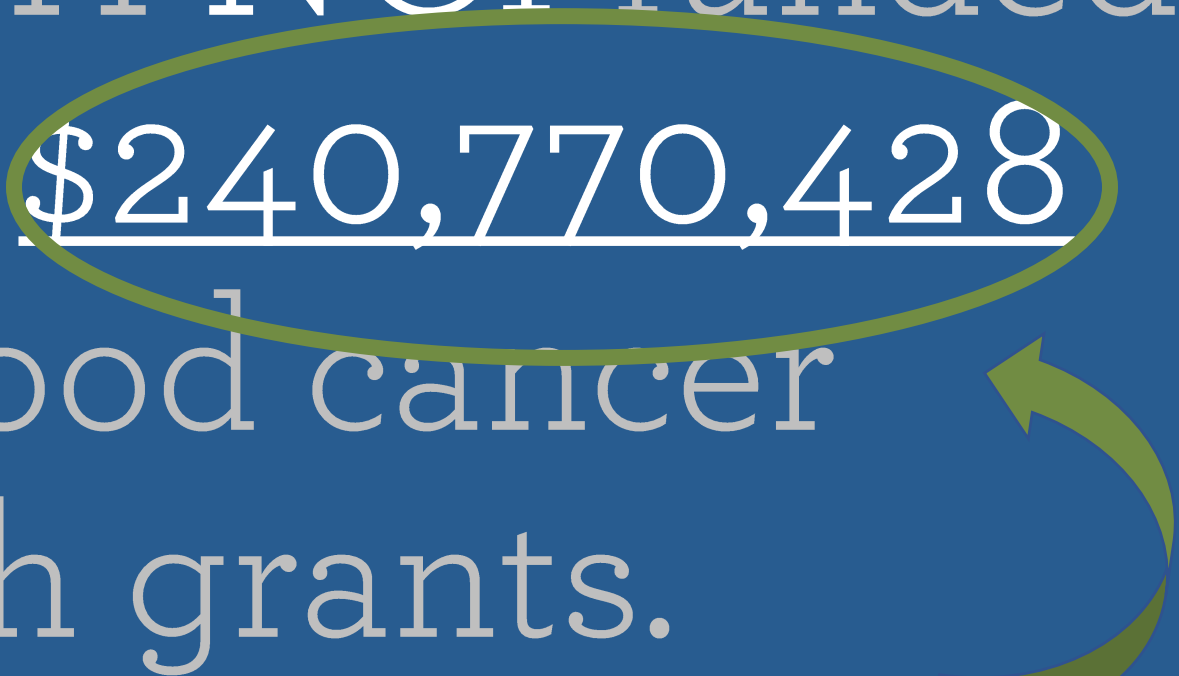
What Is NOT Included

- Childhood cancer projects funded outside of NCI in a given fiscal year
- Basic science investments
- Childhood cancer projects that are not exhaustively categorized (e.g., a ‘childhood leukemia’ project that is not also tagged as ‘pediatric cancer’)
- Childhood cancer projects funded outside of NIH

In FY2014, NIH funded
\$275,738,886
in childhood cancer
research grants.

In FY2014, ~~NIH~~ NCI funded
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This is the numerator!

In FY2014, NCI's
budget obligation was
\$4,952,861,834.

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This is the denominator!



\$240,770,428

÷

\$4,952,861,834

=

4.68%

← Amount NCI spent
on childhood cancer
research in FY2014

← NCI's total budget
obligation in FY2014

← The FY2014 '4%'

RCDC Data, FY2016-FY2021

Fiscal Year	Total Pediatric Cancer \$ Amount across NIH	NCI Pediatric Cancer \$ Amount	Total NCI Obligations	% of Total NCI Obligations
2016	\$351,353,250	\$289,845,271	\$5,206,169,272	5.57%
2017	\$432,848,342	\$351,782,326	\$5,636,392,678	6.24%
2018	\$514,022,673	\$413,099,150	\$5,927,729,104	6.97%
2019	\$546,465,364	\$437,681,409	\$5,992,439,908	7.30%
2020	\$578,919,018	\$502,159,184	\$6,383,348,911	7.87%
2021	\$664,197,688	\$565,721,399	\$6,442,735,236	8.78%

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2018	\$514,022,670	\$5,927,729,104	\$5,927,729,104	6.97%
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2018	\$499,150,915	\$437,681,400	\$5,927,780,000	7.37%
2019	\$578,919,018	\$502,159,184	\$5,992,439,908	7.30%
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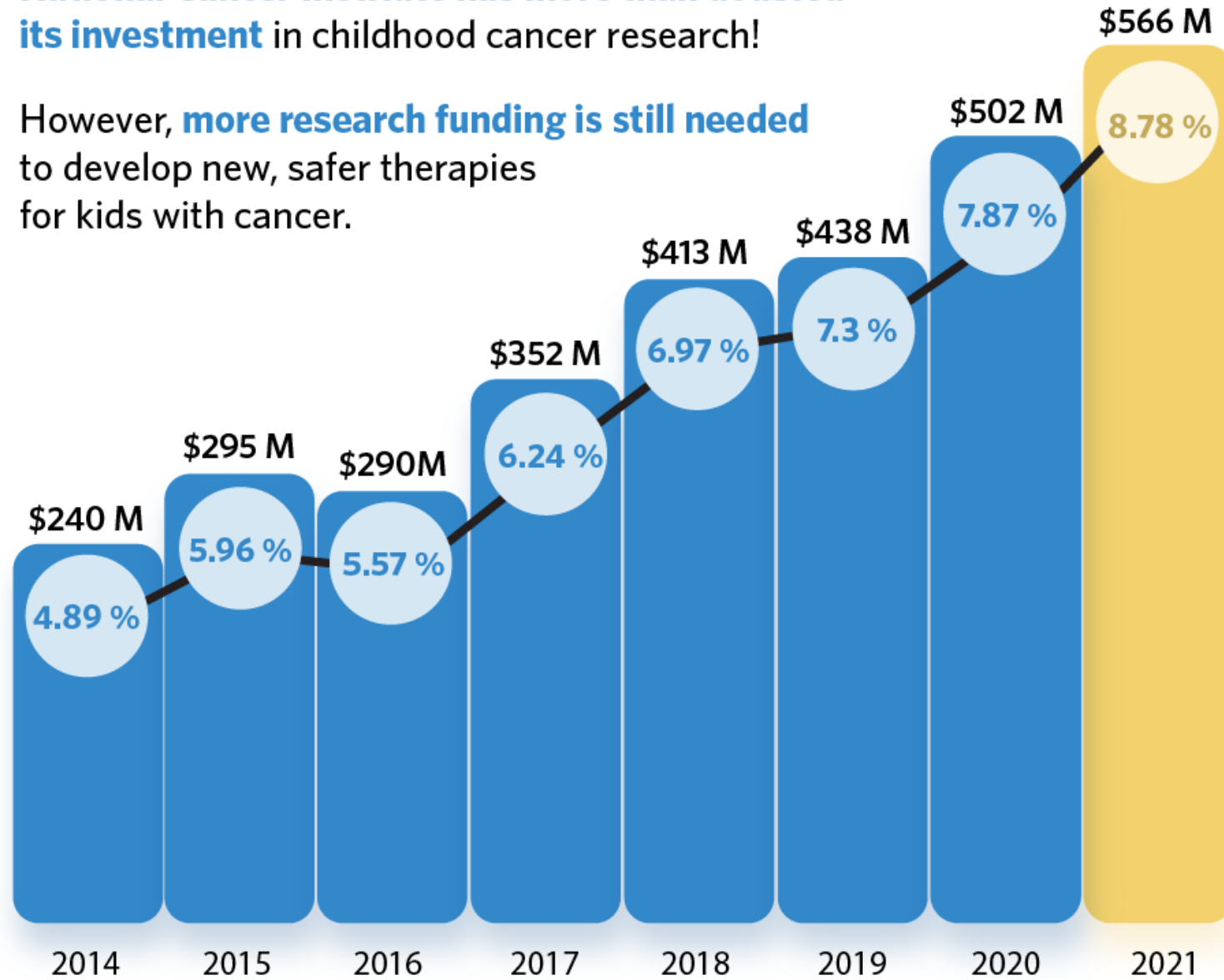
NCI CHILDHOOD CANCER DATA INITIATIVE

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NFRP Data, FY2016-FY2021

Fiscal Year	Childhood Cancers Funding	Total NCI Obligations	% of Total NCI Obligations
2016	\$206,767,589	\$5,206,169,272	3.97%
2017	\$220,273,687	\$5,636,392,678	3.91%
2018	\$302,325,670	\$5,927,729,104	5.10%
2019	TBD	\$5,992,439,908	TBD
2020	TBD	\$6,383,348,911	TBD
2021	TBD	\$6,442,735,236	TBD

NFRP Data, FY2016-FY2021

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2019	TBD	\$5,992,439,908	TBD
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The numerators are LOWER but the denominators are the same. This data is also not as current.

Key Takeaways

- ✓ The '4%' talking point used to be true!
- ✓ None of the existing resources are perfect – both databases underreport the true scope of the federal investment in childhood cancer research.
- ✓ Different databases tell slightly different stories about the true funding level BUT both databases show that funding is moving in the right direction.
- ✓ Sharing the right information makes our advocacy stronger.

Questions?

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