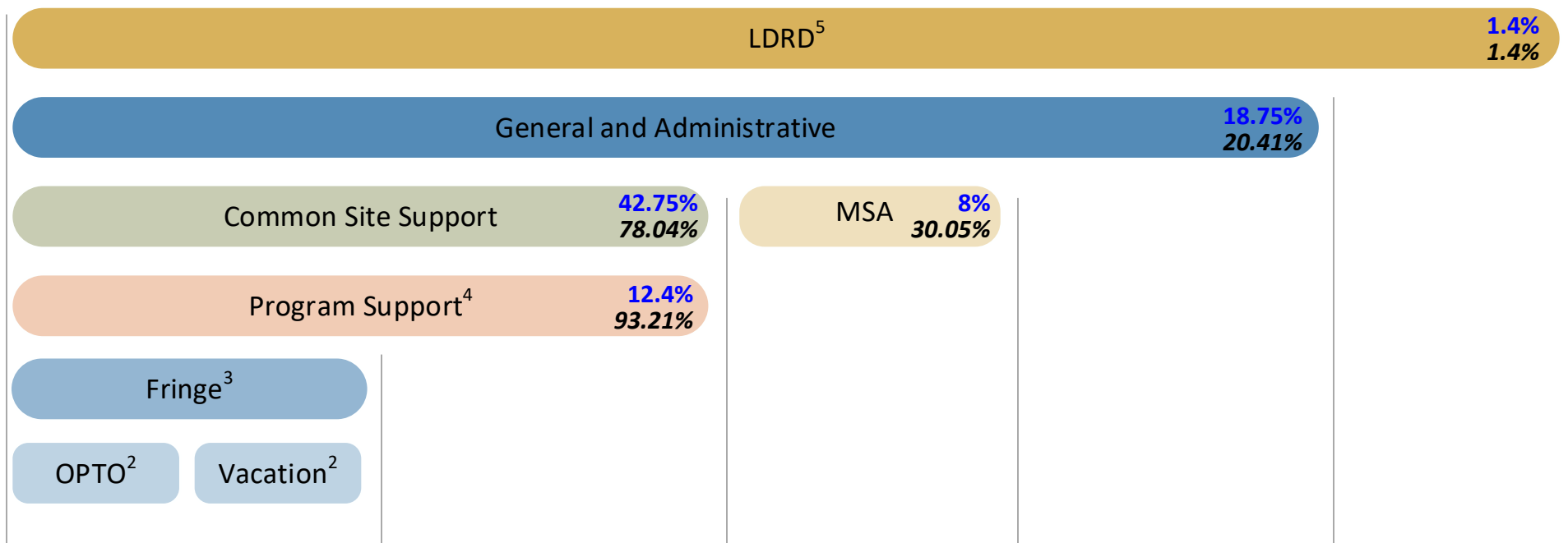


Fermilab – Indirect Rate Stack - FY20

POOLS



BASE

LABOR¹ (examples)

- Time worked – employees, post-docs, summer/temp

OTHER LABOR EXPENSES (examples)

- Overtime
- Relocation tax compensation
- Special compensation.

MATERIAL & SERVICES (examples)

- Computers
- Equipment
- Freight
- Subcontract Services
- Civil Construction
- Material Purchases
- Procard Purchases

• ALL UP TO \$500K CAP

ADD'L MATERIAL & SERVICES (examples)

- Training/Education
- Recruiting & Relocation
- Visitor Subsistence
- Postage
- Fees (reg., prof membership, etc.)

Travel

- Domestic, Foreign, Employee and Non-Employee

• ALL UP TO \$500K CAP

NO LOAD COSTS (examples)

- Fee
- Exempt material purchases
- Electrical Power

NOTES

Each Pool cost is represented by a colored bar at the top. The Base costs are represented in the gray-shaded boxes at the bottom. Each Pool cost is applied to the sum of the elements over which it spans, including other Pool costs. The Base items listed are a representative sample, not a comprehensive list.

1 Employees, Post Docs, and Summer/Temporary labor cost based upon appropriate class of Standard Labor Rates (SLRs).

2 OPTO and Vacation do not apply to Summer/Temporary Labor.

3 Different fringe rates apply based on the type of labor.

4 Program Support attaches to the employee based on their home organization; employees in PIP-II, LBNF/DUNE, and Section organizations have no Program Support.

5 Line Item Construction are exempt from LDRD.

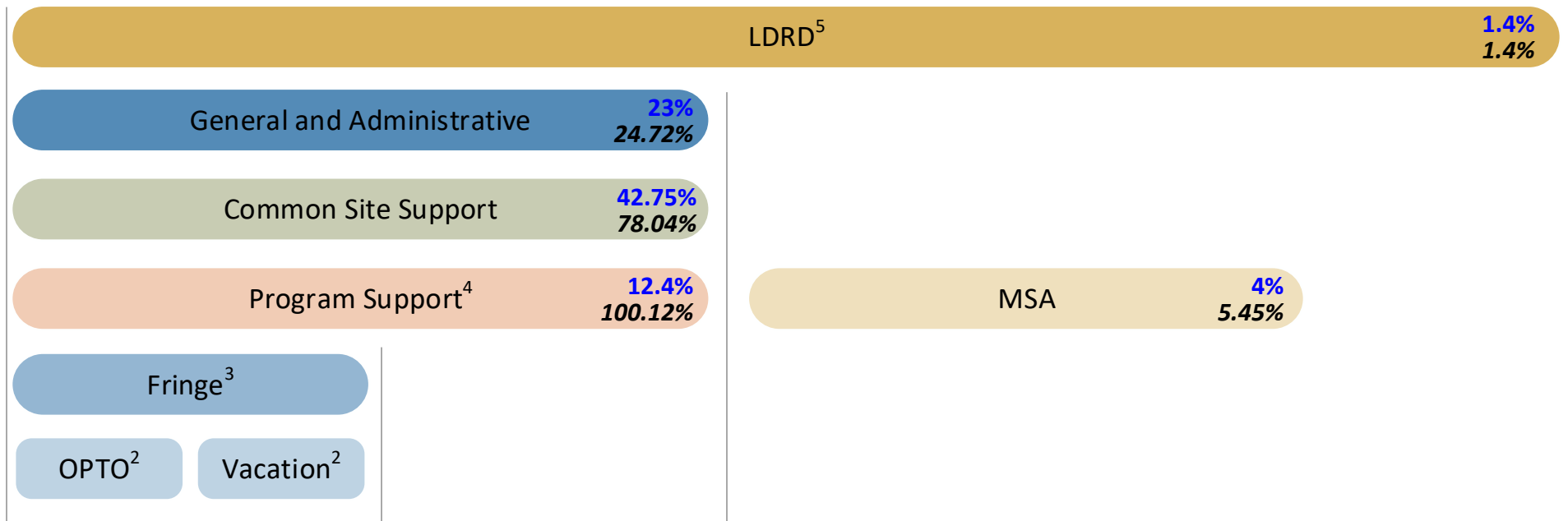
Rates shown are FY20 Provisional, Standard Schedule

Base rate

Effective rate

Fermilab – Indirect Rate Stack - FY21

POOLS



BASE

LABOR¹ (examples)
Time worked – employees, post-docs, summer/temp

- OTHER LABOR EXPENSES** (examples)
- Overtime
 - Relocation tax compensation
 - Special compensation.

- MATERIAL & SERVICES** (examples)
- Computers
 - Equipment
 - Freight
 - Subcontract Services
 - Civil Construction
 - Material Purchases
 - Procard Purchases

- ADD'L MATERIAL & SERVICES** (examples)
- Training/Education
 - Recruiting & Relocation
 - Visitor Subsistence
 - Postage
 - Fees (reg., prof membership, etc.)

- NO LOAD COSTS** (examples)
- Fee
 - Electrical Power

NOTES

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Rates shown are FY21 Planning, Standard Schedule
Base rate
Effective rate

Impact of FY21 indirect methodology change

PPD Base Only

B&R	M&S	Personnel Costs	Grand Total
KA 21 01 02 Energy Research - National Laboratories	(156,528)	368,161	211,633
KA 22 01 02 Intensity Research - National Laboratories	(29,724)	107,308	77,583
KA 22 02 021 Intensity Facilities - Accelerator Operations	(5,433)	77,305	71,873
KA 22 02 022 Intensity Facilities - Detector & Computing	(336,548)	219,542	(117,006)
KA 23 01 02 Cosmic Research - National Laboratories	(22,751)	163,221	140,470
KA 24 01 012 Theoretical - National Laboratories	(112,215)	240,297	128,082
KA 24 01 041 Energy Research - AI & ML	(473)	3,335	2,862
KA 24 01 044 Theoretical - AI & ML	(927)	4,938	4,012
KA 24 01 047 Advanced Technology - Detector R&D - AI & ML	(2,851)	1,481	(1,371)
KA 25 01 032 Advanced Technology - Detector R&D	(86,258)	53,583	(32,674)
KA 25 02 02 Test Facilities - Detector	(319,118)	102,951	(216,167)
Grand Total	(1,072,826)	1,342,122	269,297

Labwide Base

B&R	M&S	Personnel Costs	Grand Total
KA 21 01 02 Energy Research - National Laboratories	(162,569)	437,222	274,652
KA 22 01 02 Intensity Research - National Laboratories	(149,655)	590,339	440,684
KA 22 02 021 Intensity Facilities - Accelerator EQU	(48,452)	4,693	(43,759)
KA 22 02 021 Intensity Facilities - Accelerator Operations	(1,330,515)	2,206,680	876,165
KA 22 02 022 Intensity Facilities - Detector & Computing	(1,428,530)	1,110,039	(318,491)
KA 23 01 02 Cosmic Research - National Laboratories	(22,751)	209,718	186,967
KA 24 01 012 Theoretical - National Laboratories	(112,215)	247,678	135,462
KA 24 01 041 Energy Research - AI & ML	(945)	10,817	9,871
KA 24 01 042 Intensity Research - AI & ML		9,067	9,067
KA 24 01 043 Cosmic Research - AI & ML	(927)	6,818	5,892
KA 24 01 044 Theoretical - AI & ML	(927)	4,938	4,012
KA 24 01 047 Advanced Technology - Detector R&D - AI & ML	(2,851)	1,481	(1,371)
KA 25 01 012 Advanced Technology - National Laboratories	(525,308)	241,573	(283,736)
KA 25 01 032 Advanced Technology - Detector R&D	(165,286)	91,815	(73,471)
KA 25 02 01 Test Facilities - Accelerator	(1,157,416)	480,696	(676,720)
KA 25 02 02 Test Facilities - Detector	(333,678)	115,406	(218,272)
Grand Total	(5,442,026)	5,768,979	326,952

Cost and guidance increased/(decreased)

Analysis done by Budget Office based on FY21 FWP data and Apr-20 budget data