



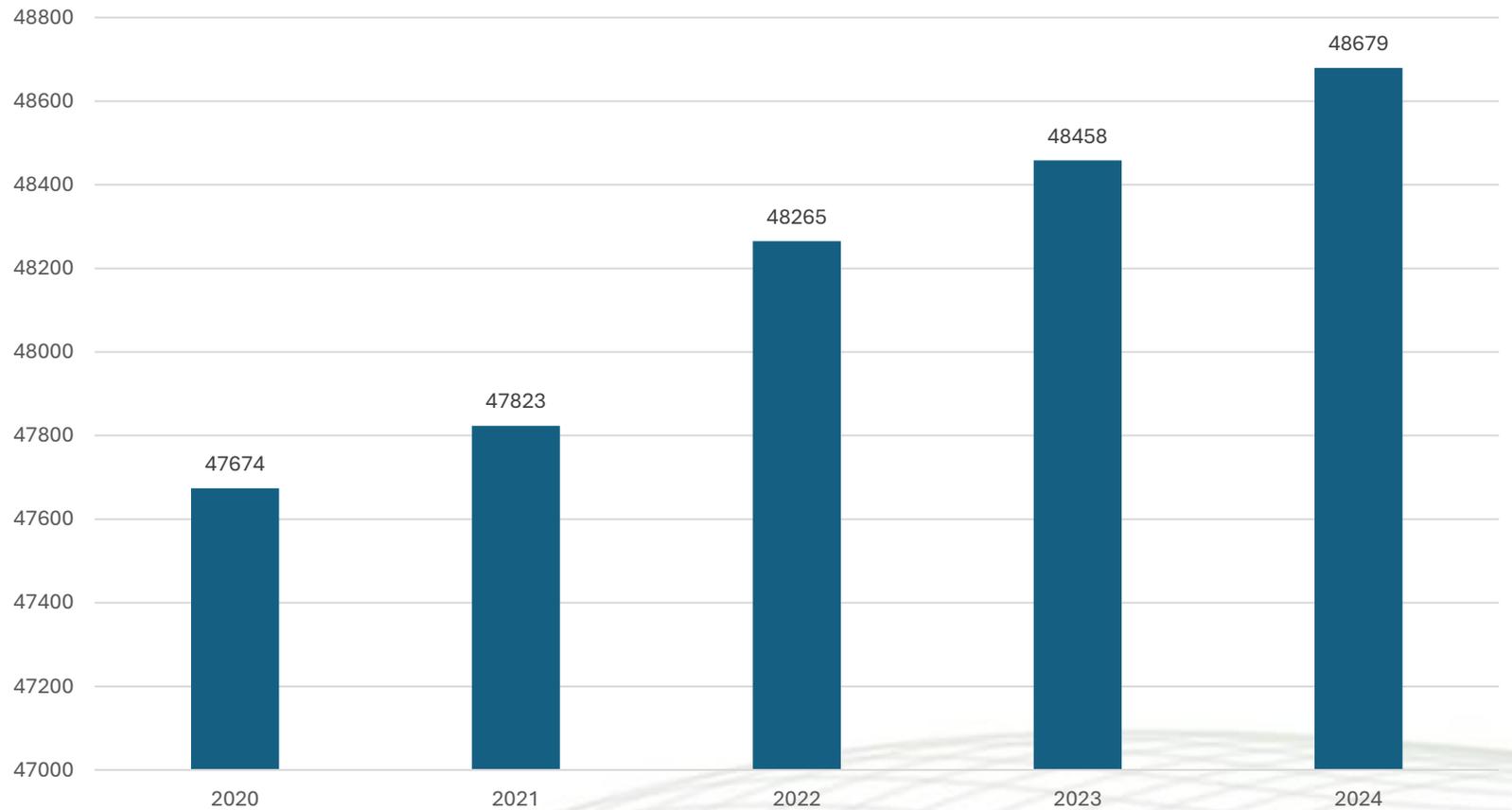
PAPUC

2025 Safety Seminar



TOTAL MILES OF MAIN PER YEAR

CY 2020-2024 ~1,006 MILES NEWER MAIN

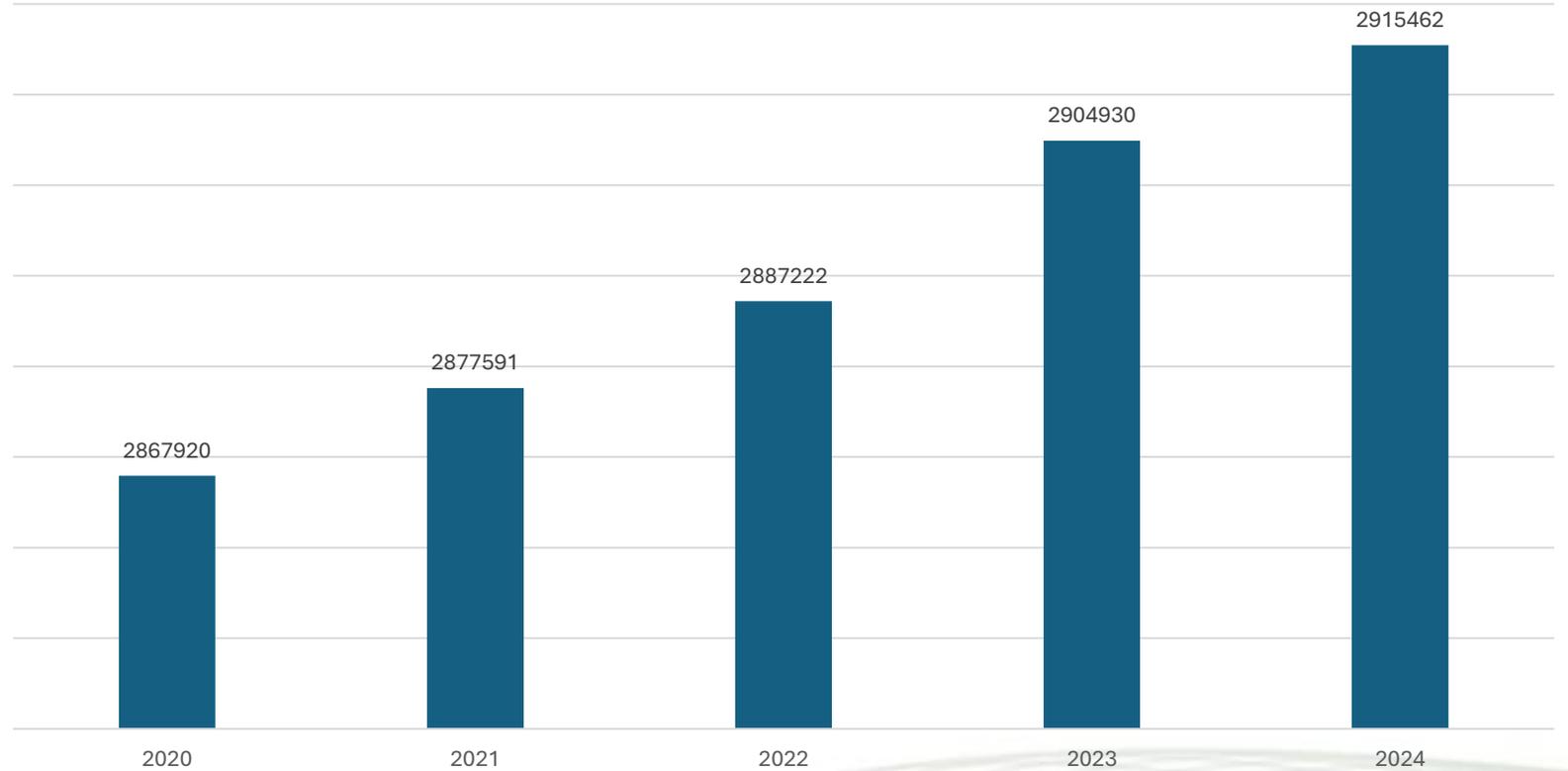


Opinions and content are that of I&E and I&E does not speak for the Commission



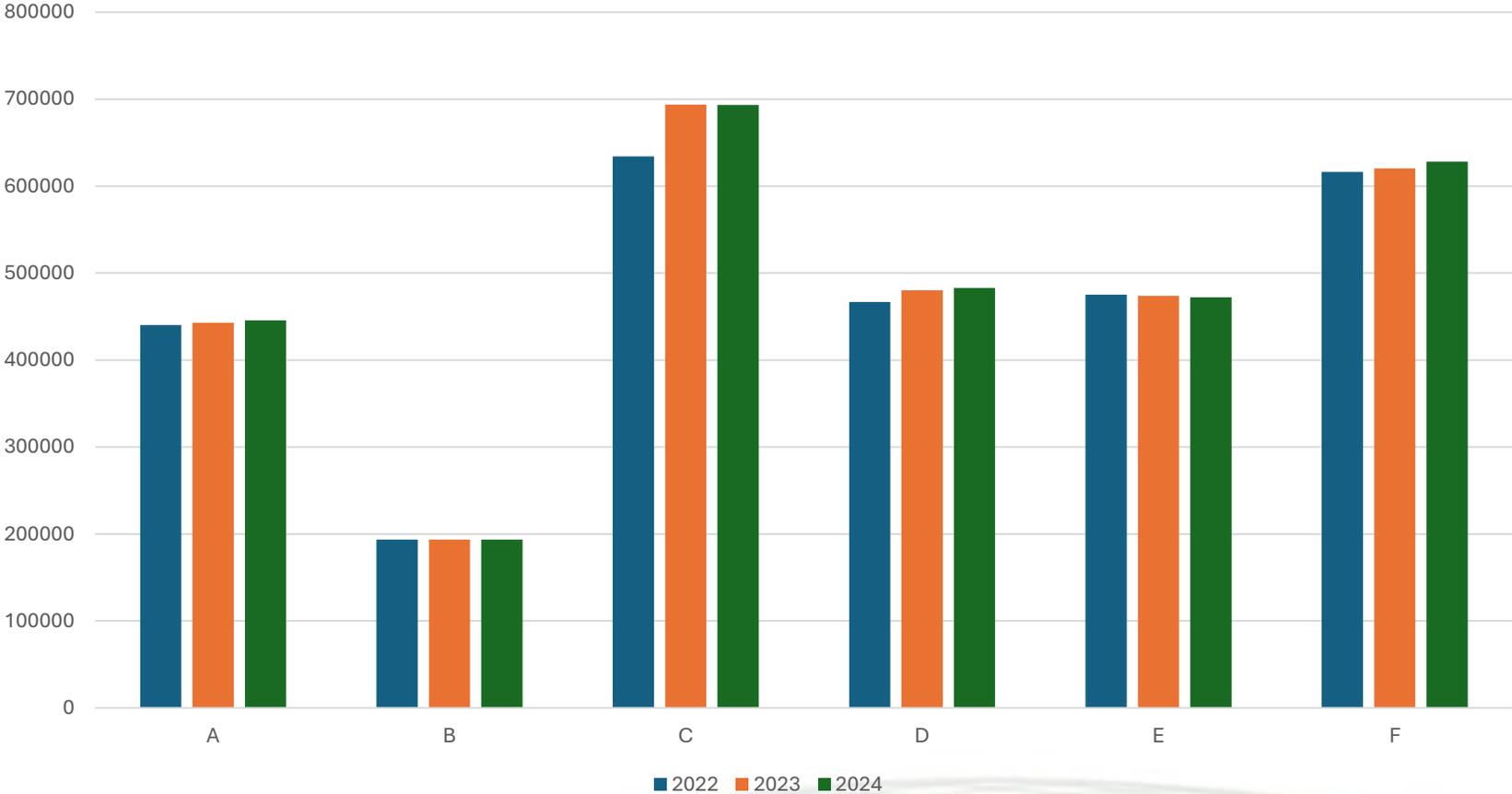
TOTAL SERVICES BY YEAR

CY 2020-2024 ~47,542
MORE SERVICES ADDED



SERVICES

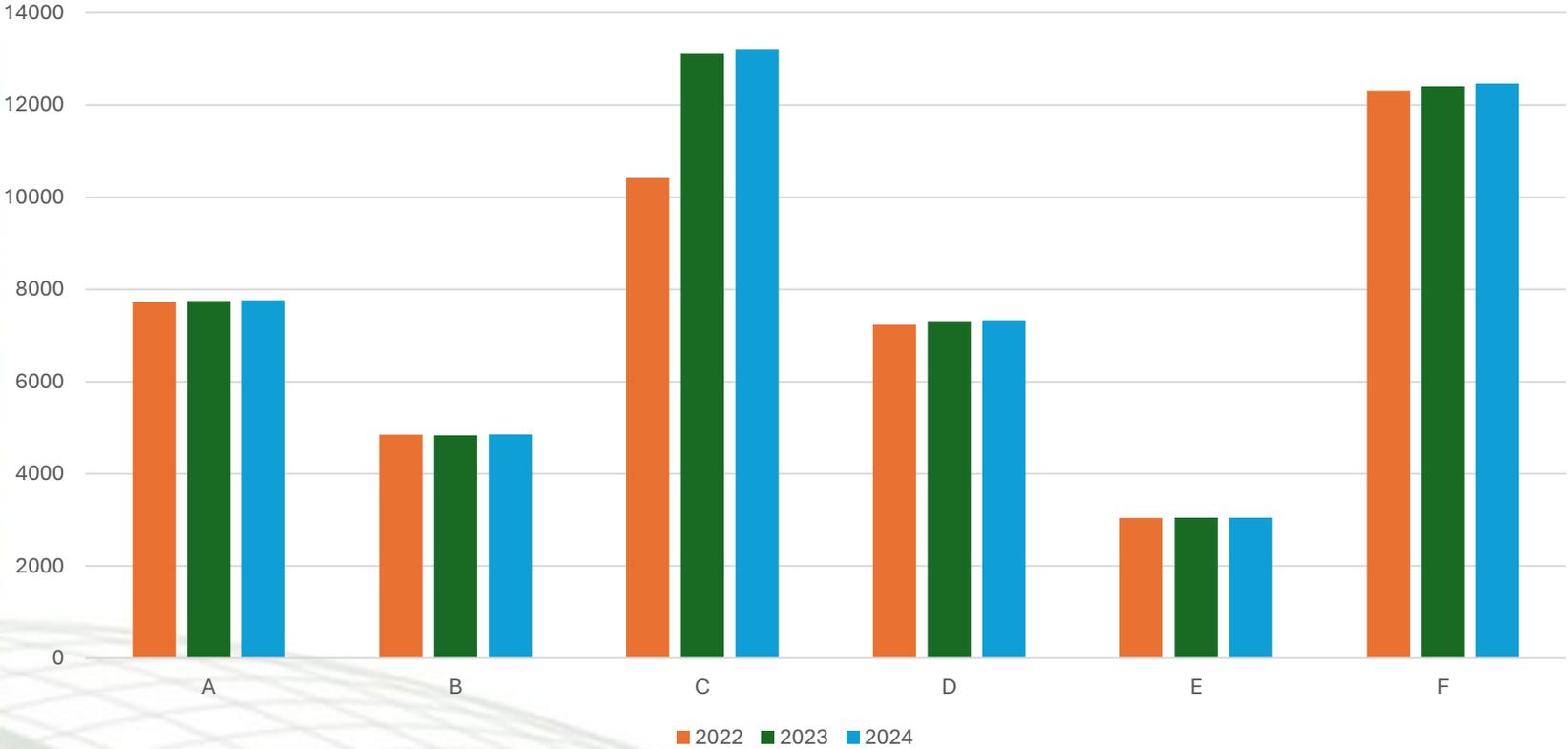
AS OF 12/31/2024: 2,915,462





MILES OF MAIN BY COMPANY

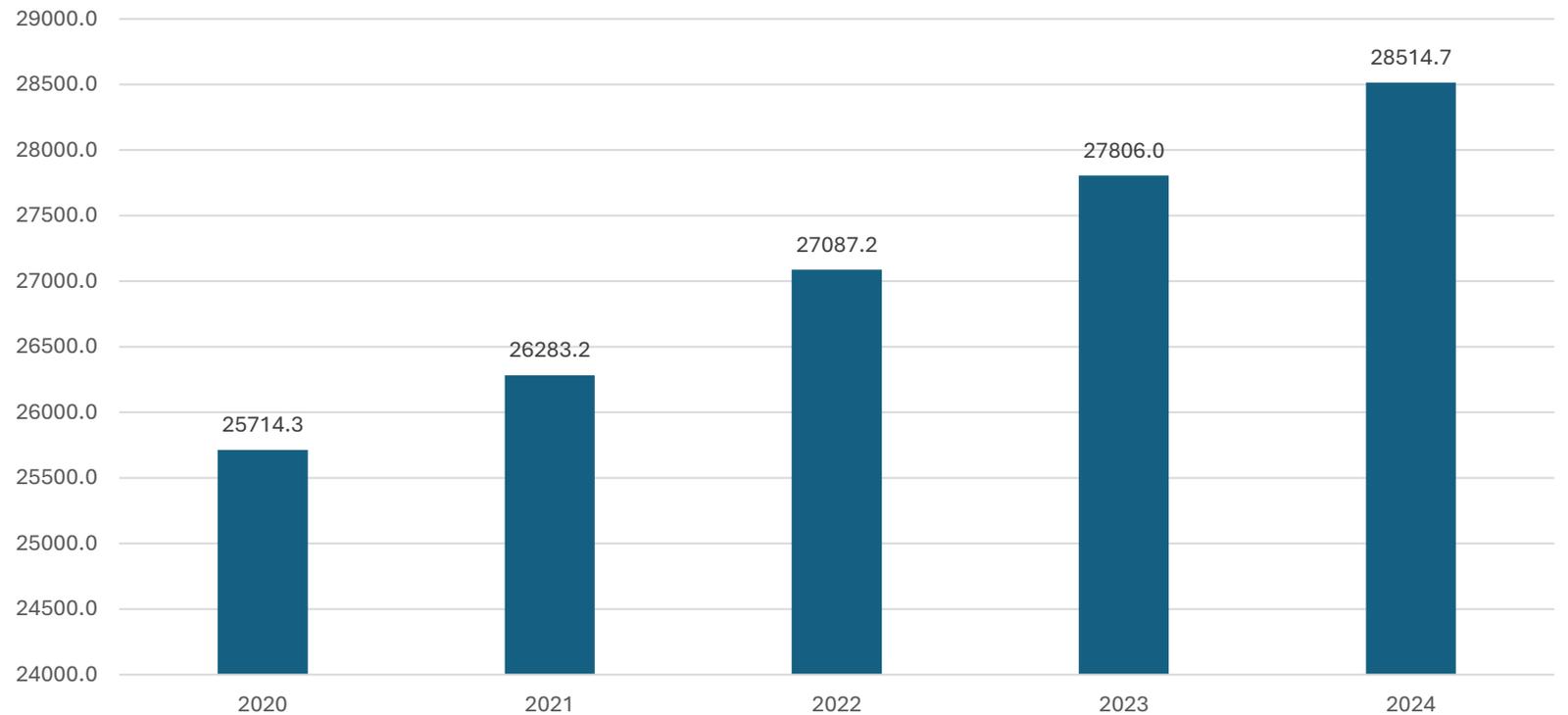
AS OF 12/31/2024: 48,677





TOTAL PLASTIC SYSTEM BY YEAR

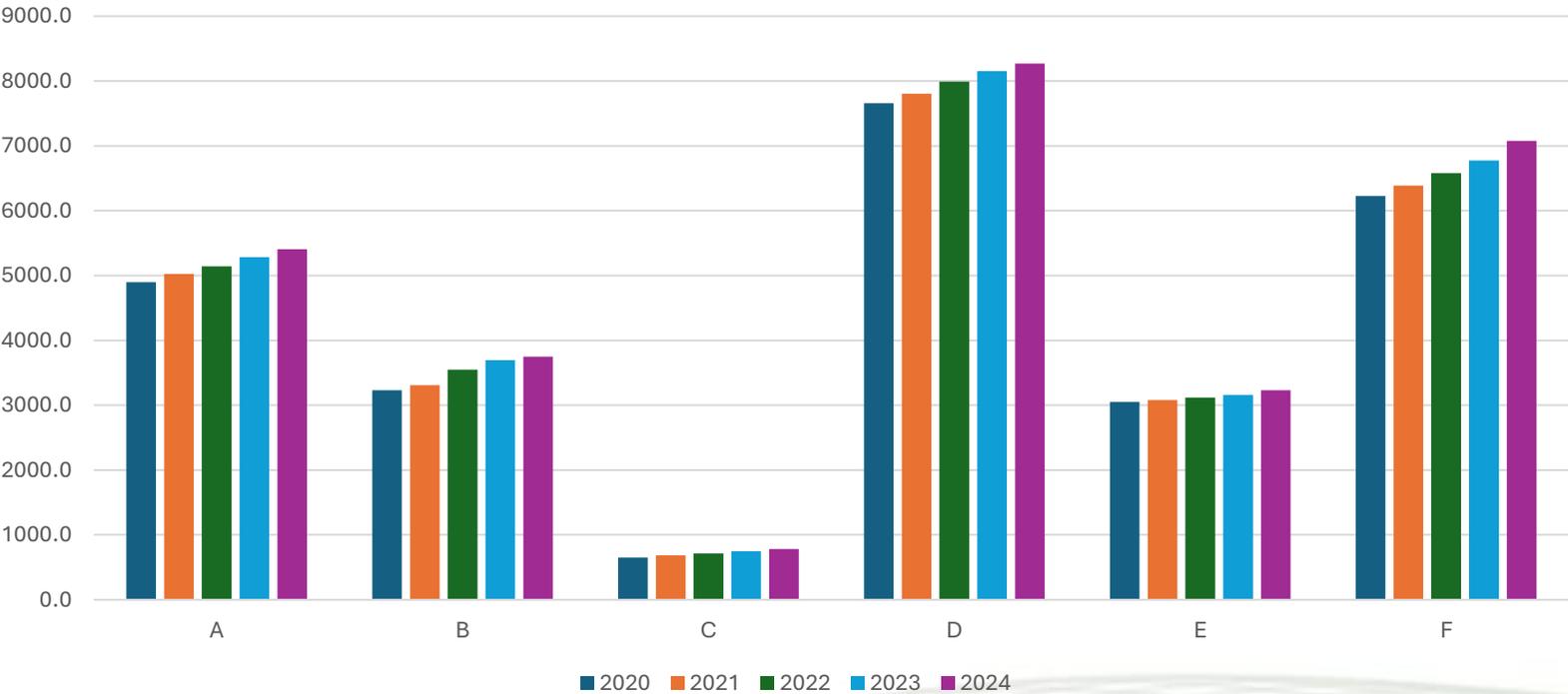
CY 2020-2024
ADDED ~2,800
MILES





PLASTIC SYSTEM MILES BY COMPANY BY YEAR

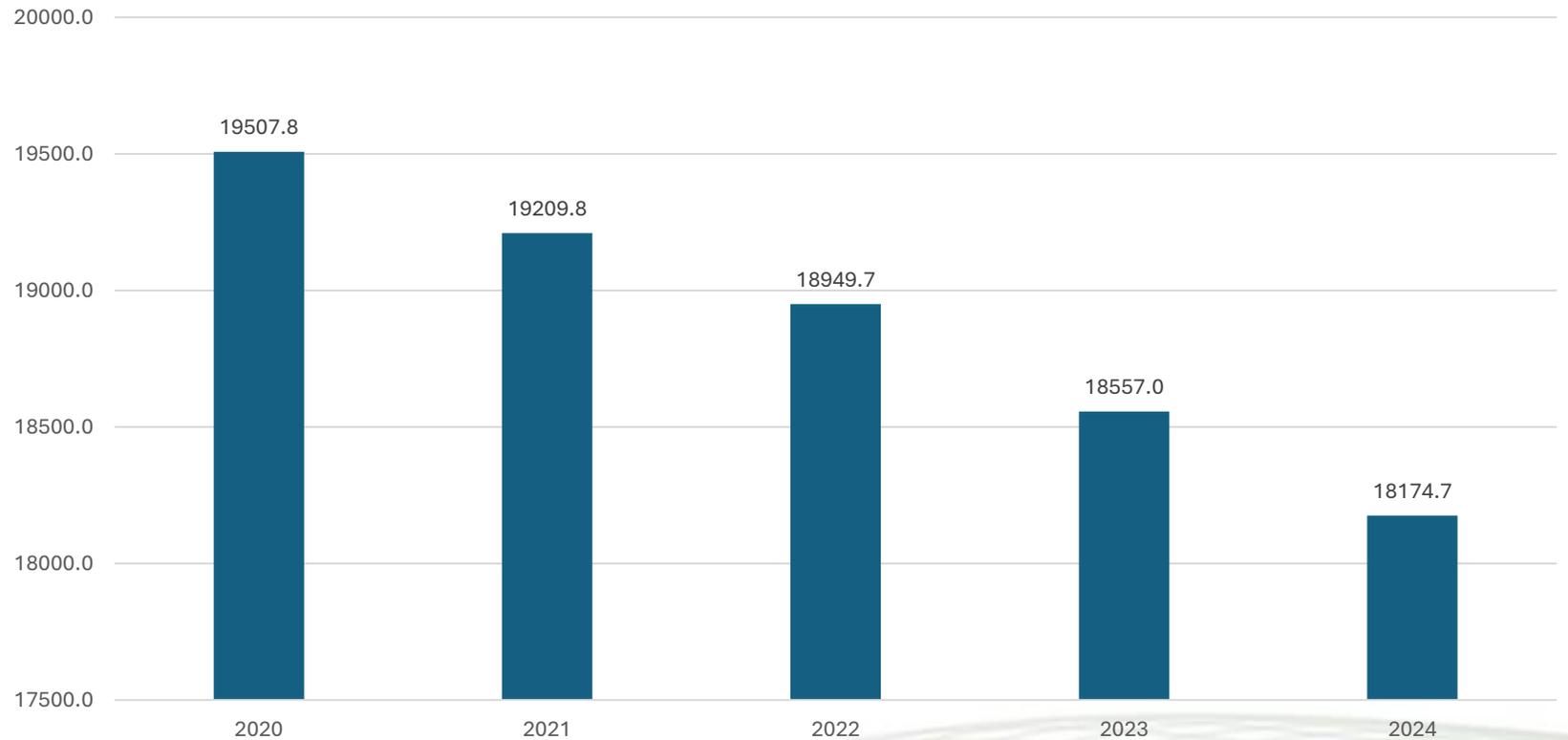
Plastic System Miles per Company by Year





TOTAL STEEL SYSTEM MILES BY YEAR

CY 2020-2024 STEEL SYSTEM DECREASED BY 1,333

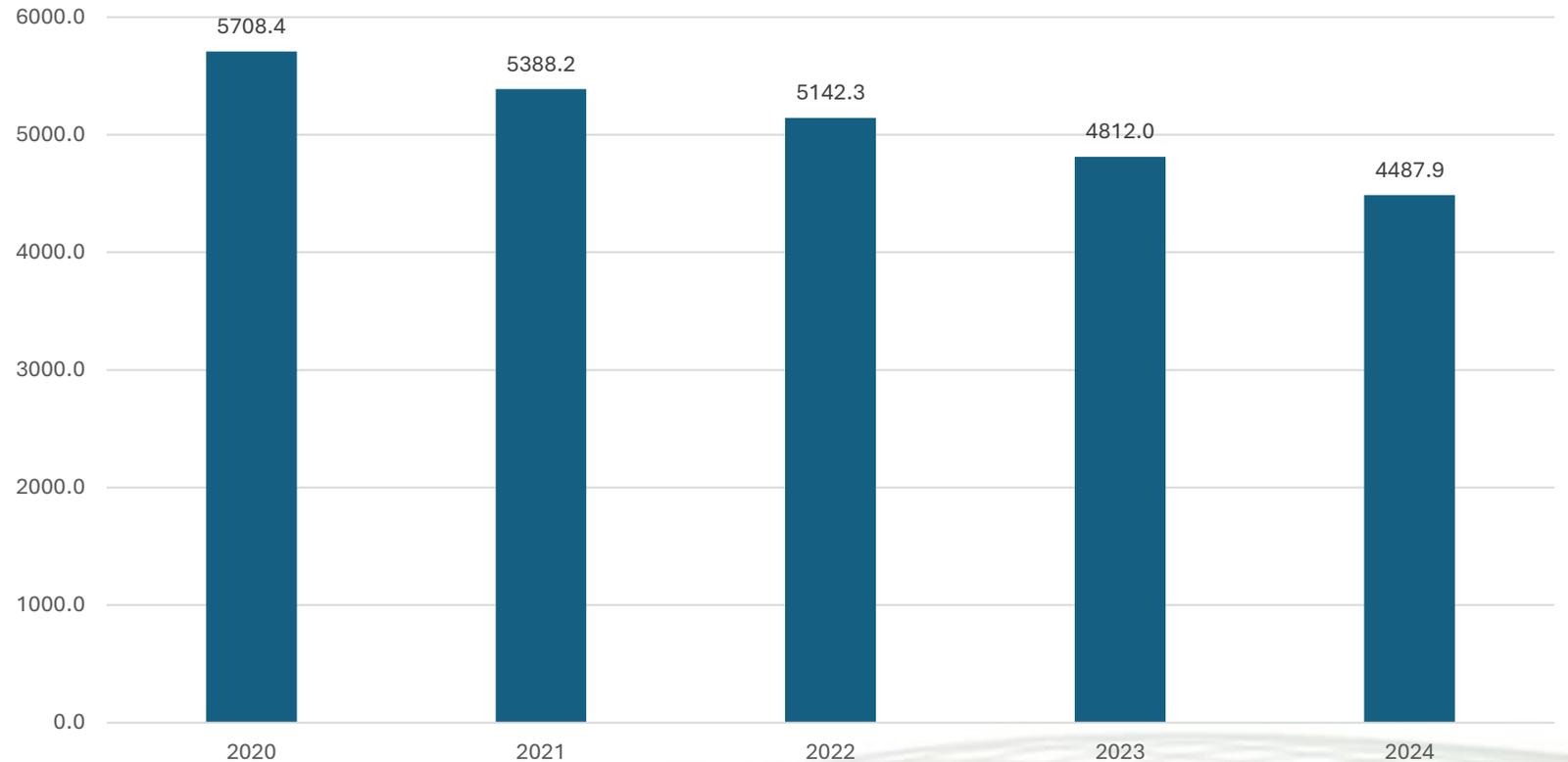


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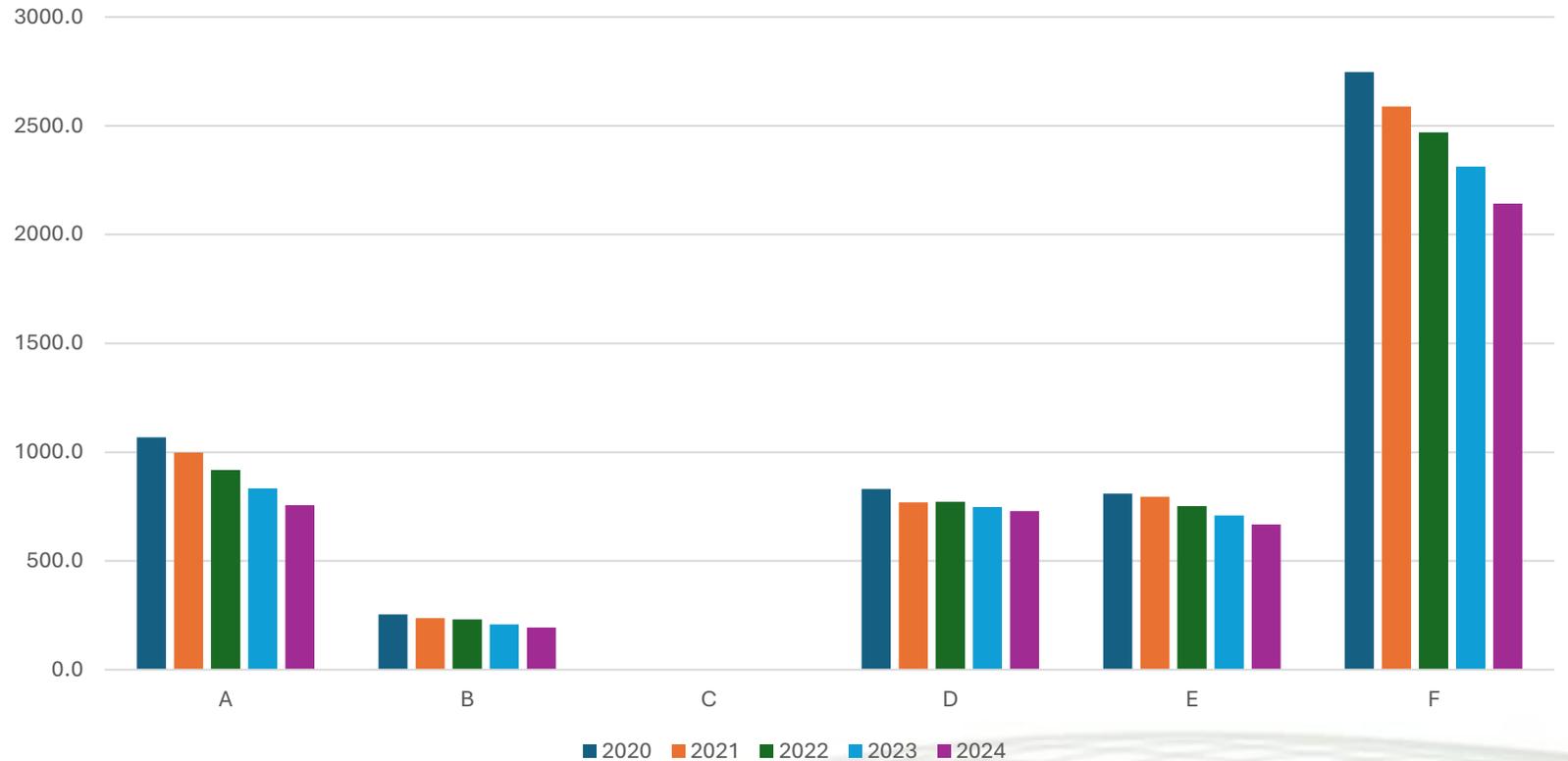
TOTAL BARE STEEL REMAINING – ALL OPERATORS

CY 2024-2024 BARE STEEL
MAINS DECREASED BY 1,221





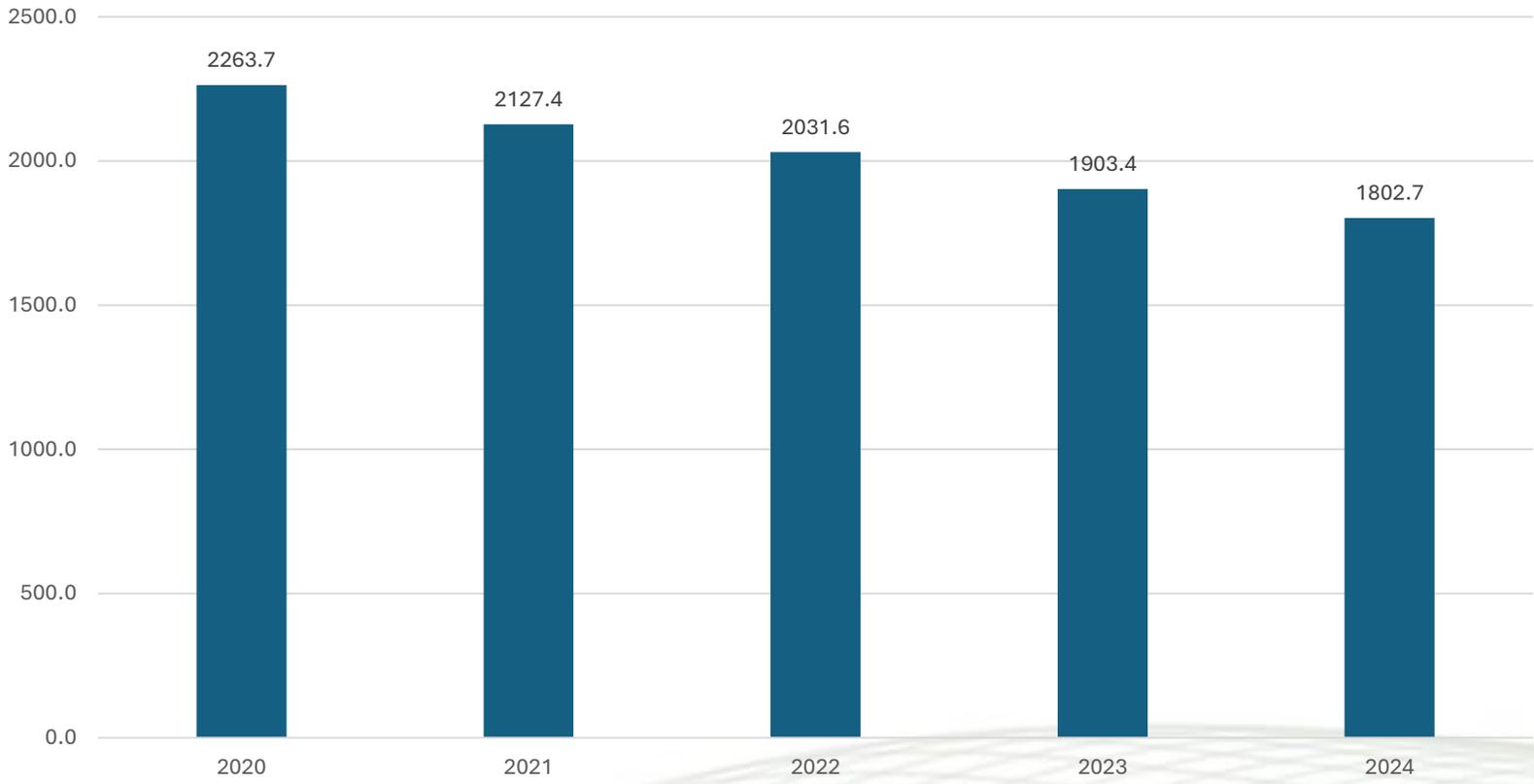
BARE STEEL REMAINING BY COMPANY BY YEAR





TOTAL CAST/WROUGHT IRON REMAINING

CY 2024-2024 CI/WI MAINS
DECREASED BY 461 MILES

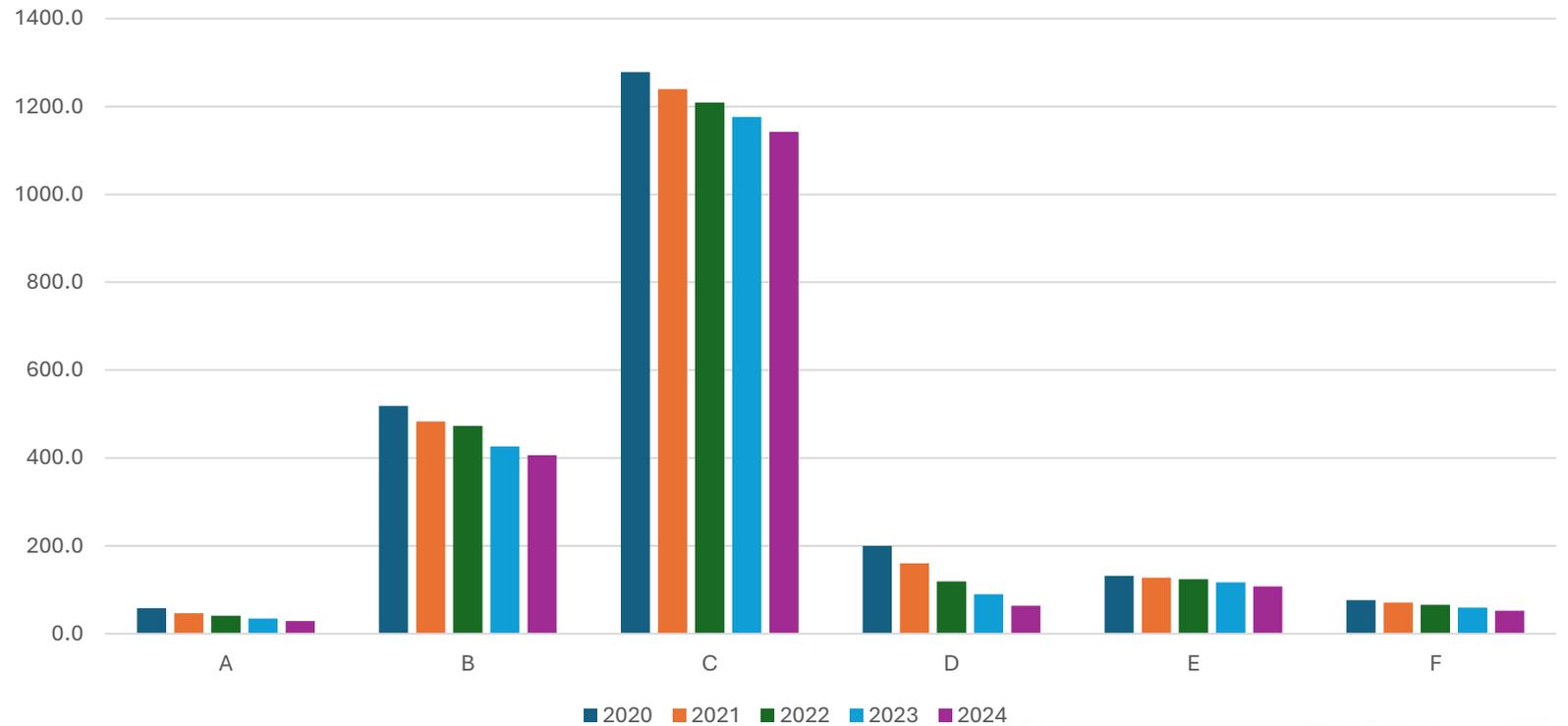


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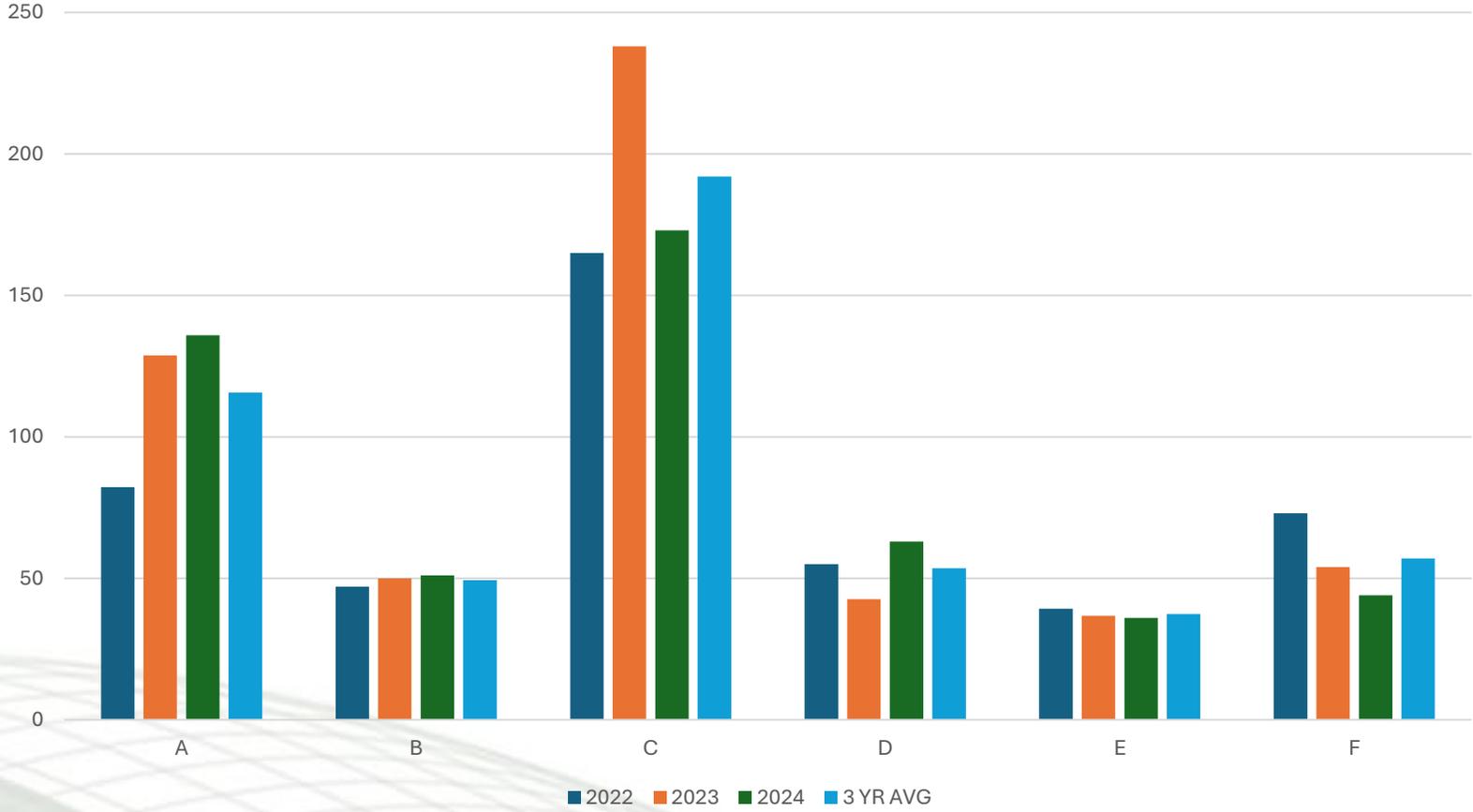


CAST/WROUGHT IRON REMANING BY COMPANY BY YEAR

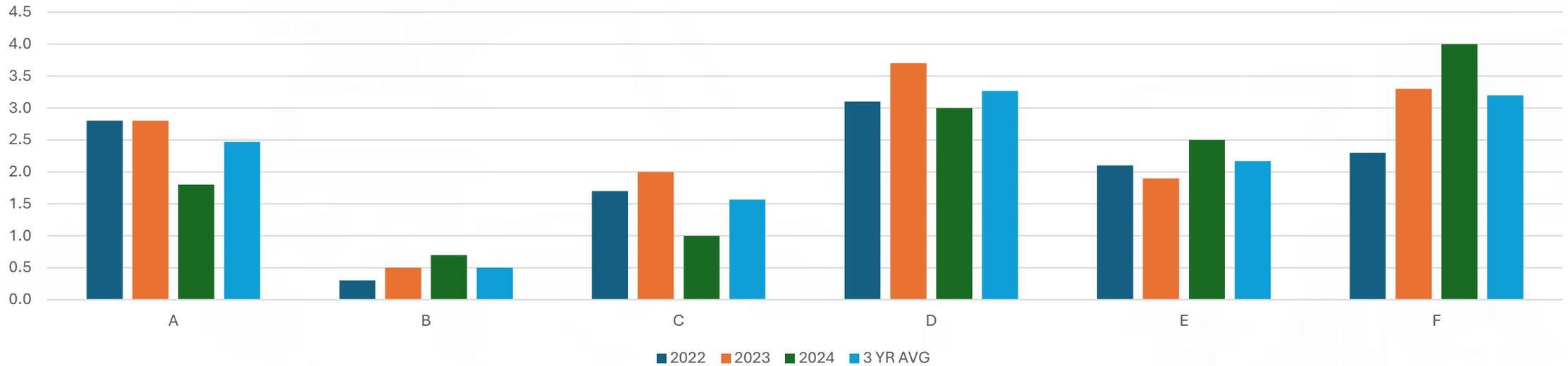




MILES OF MAIN REPLACED



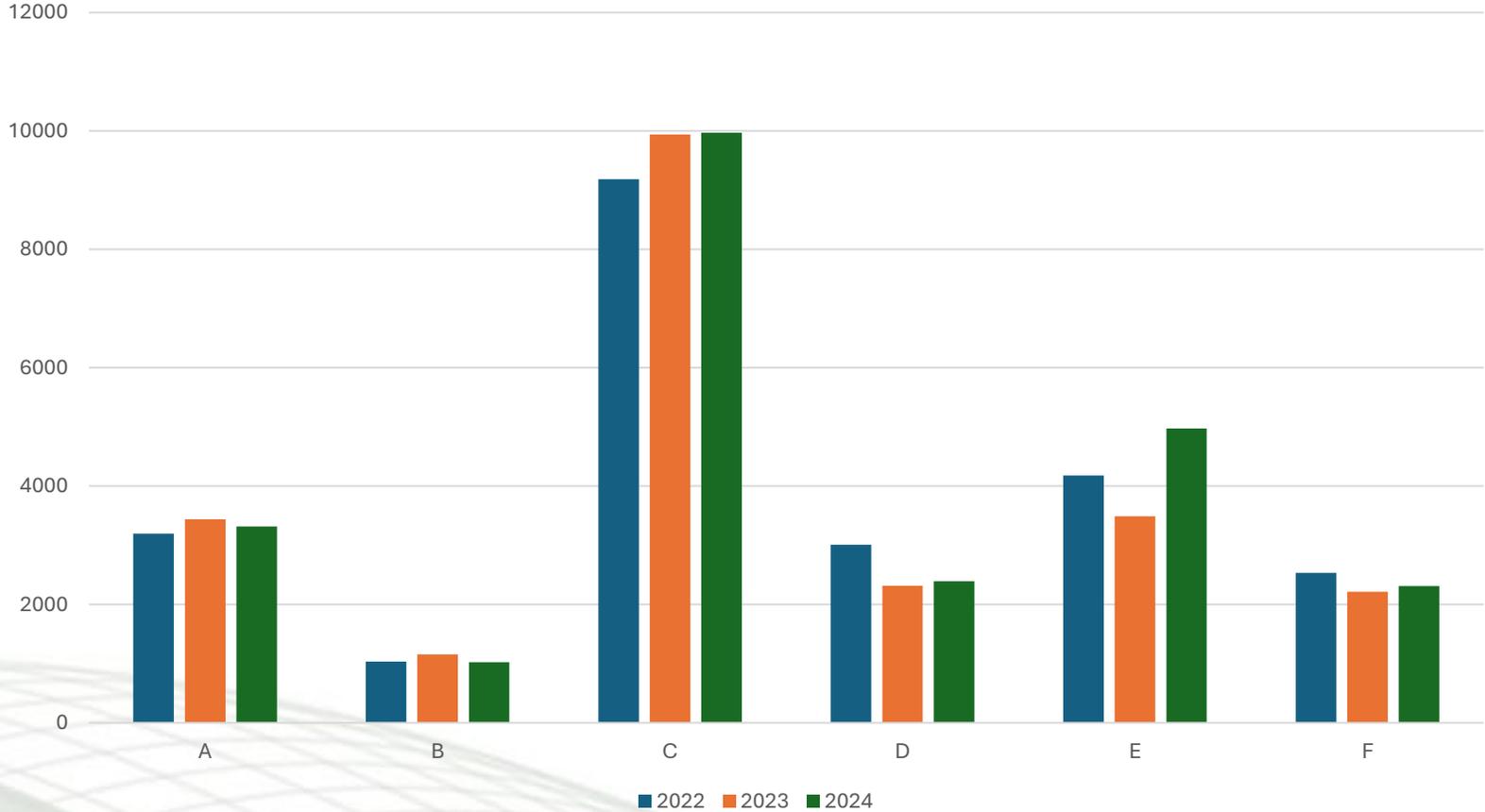
REPLACEMENT COST PER MILE OF MAIN



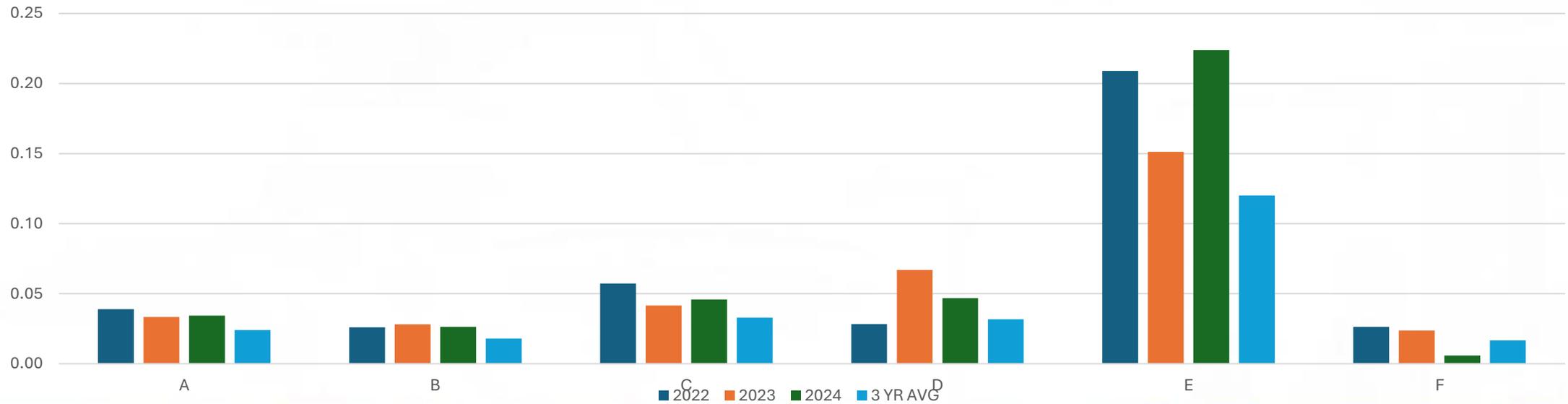
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LEAKS DISCOVERED

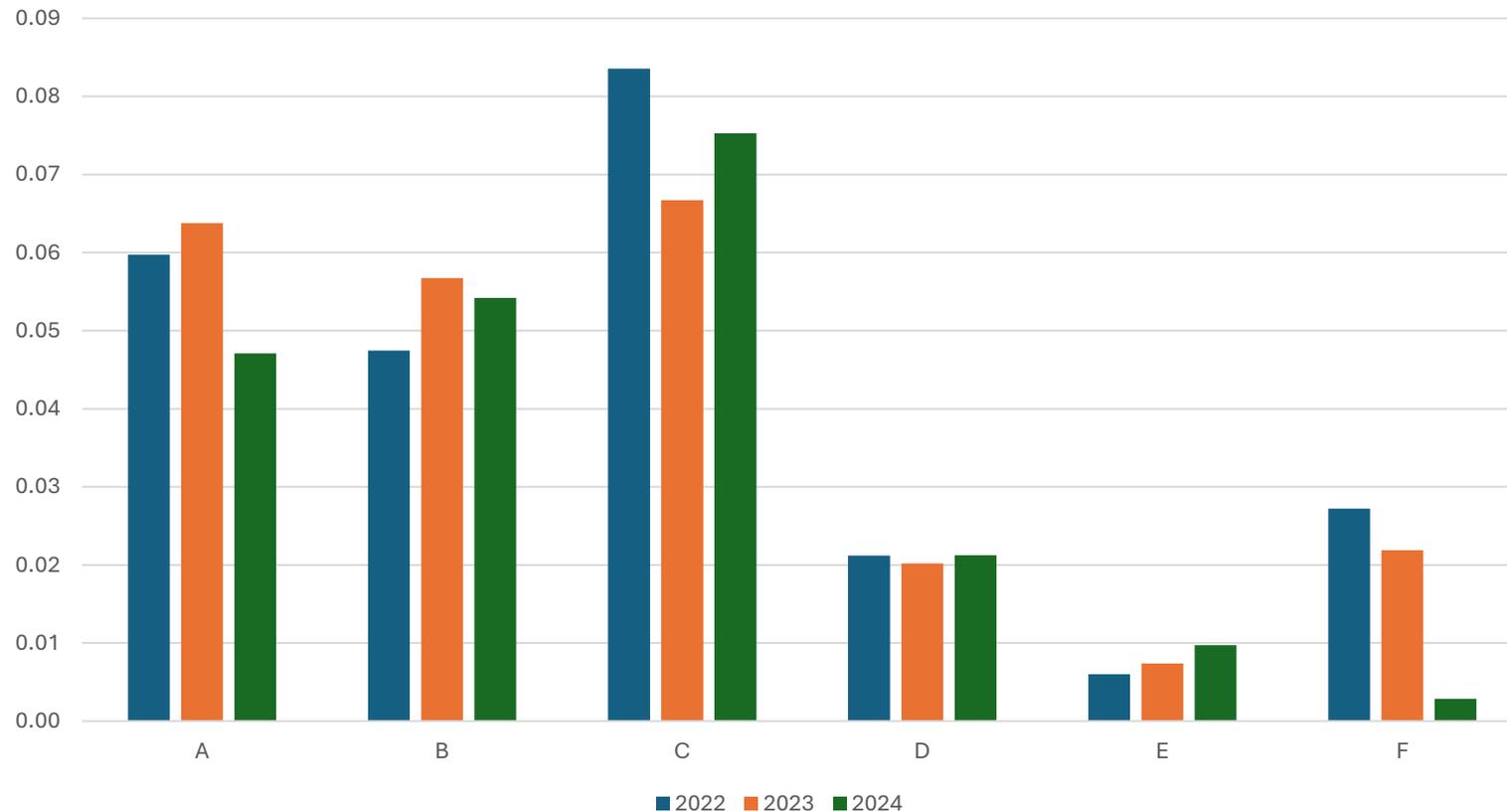


HAZARDOUS LEAKS PER MILE OF MAIN

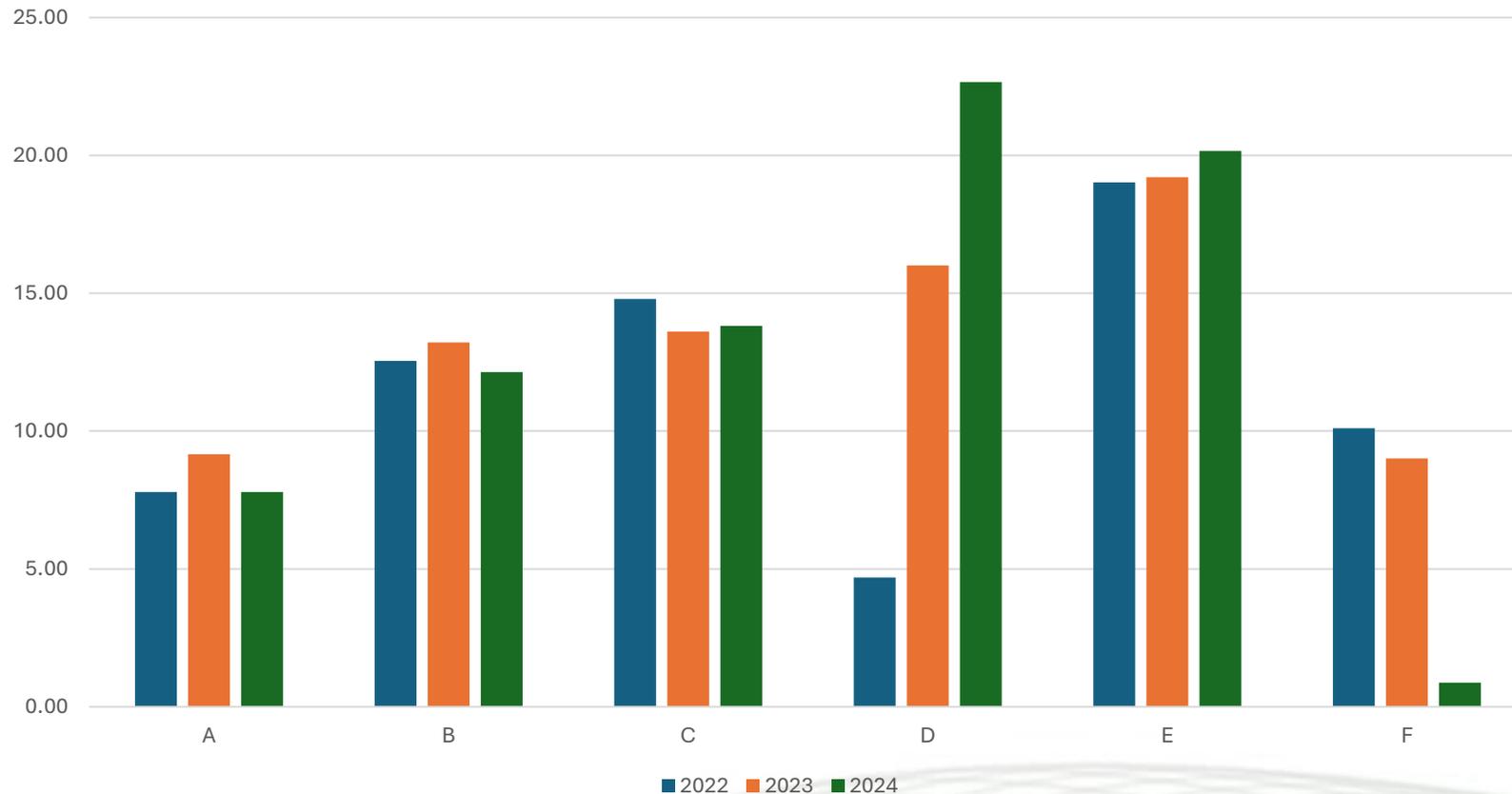


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HAZARDOUS CORROSION LEAK/MILE STEEL MAIN



HAZARDOUS LEAKS/10,000 SERVICES

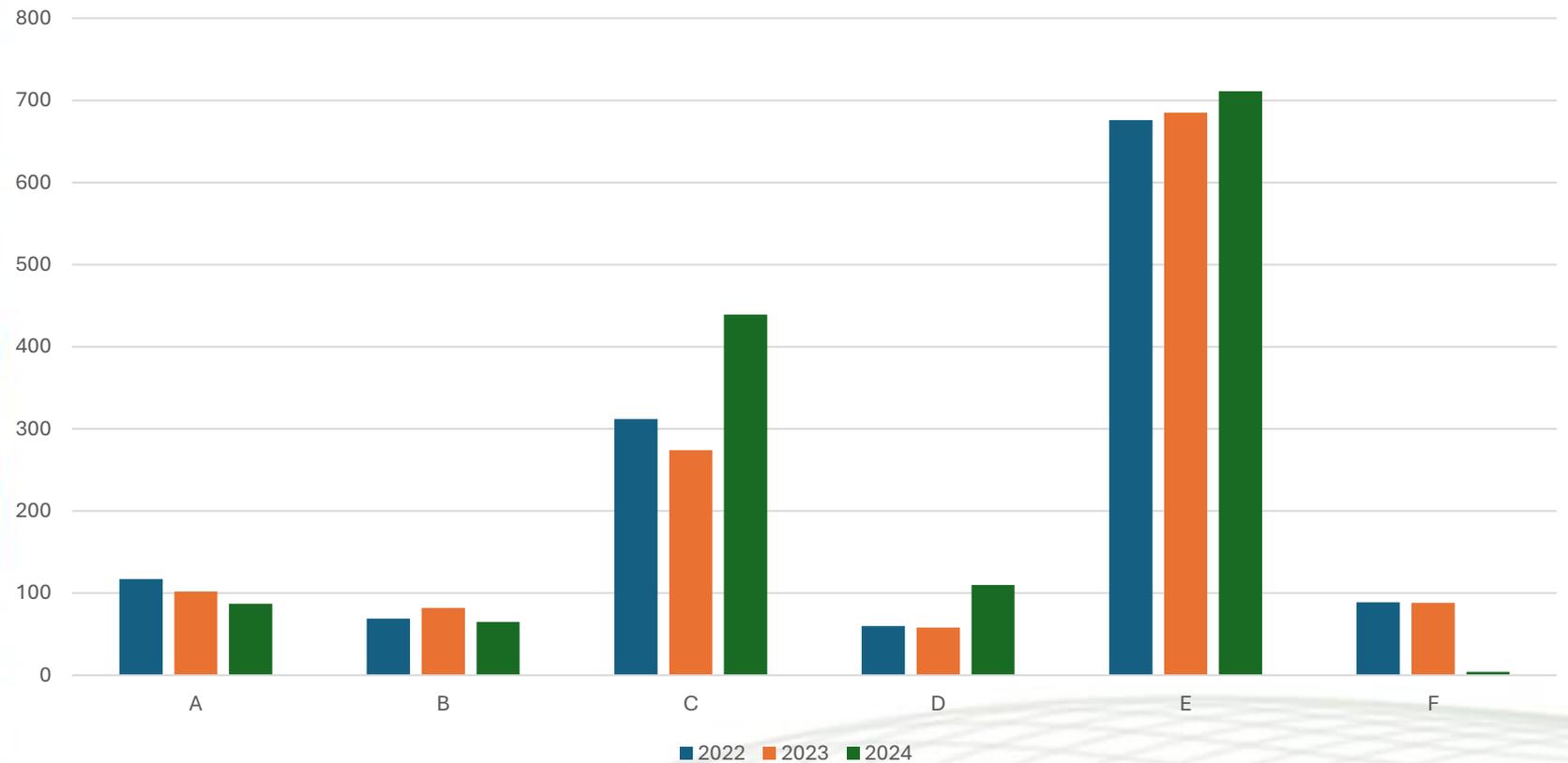


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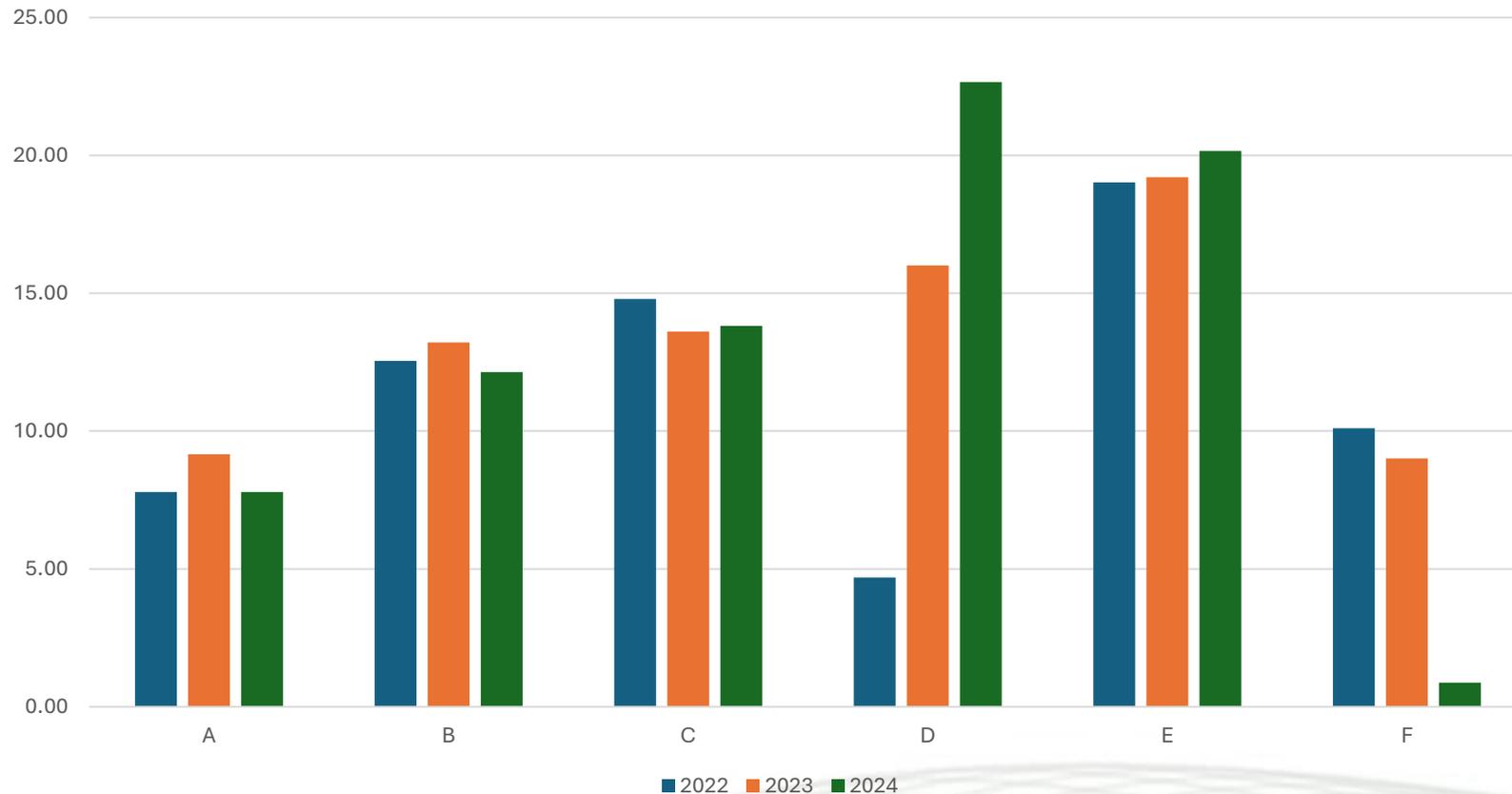


HAZARDOUS CORROSION LEAK SERVICES



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HAZARDOUS LEAKS/10,000 SERVICES



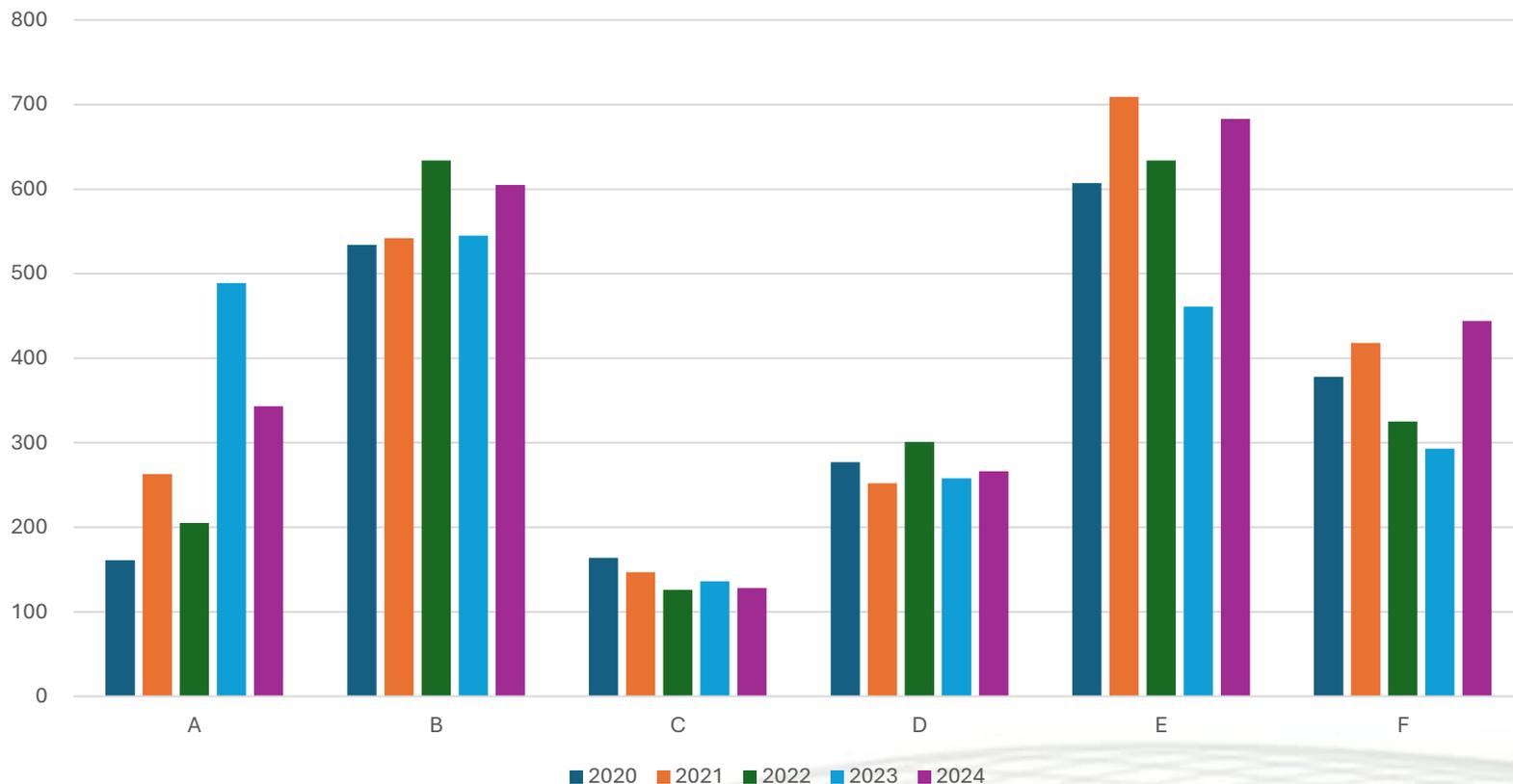
Opinions and content are that of I&E and I&E does not speak for the Commission





HAZARDOUS LAKS REPAIRED PER YEAR BY COMPANY ON MAINS

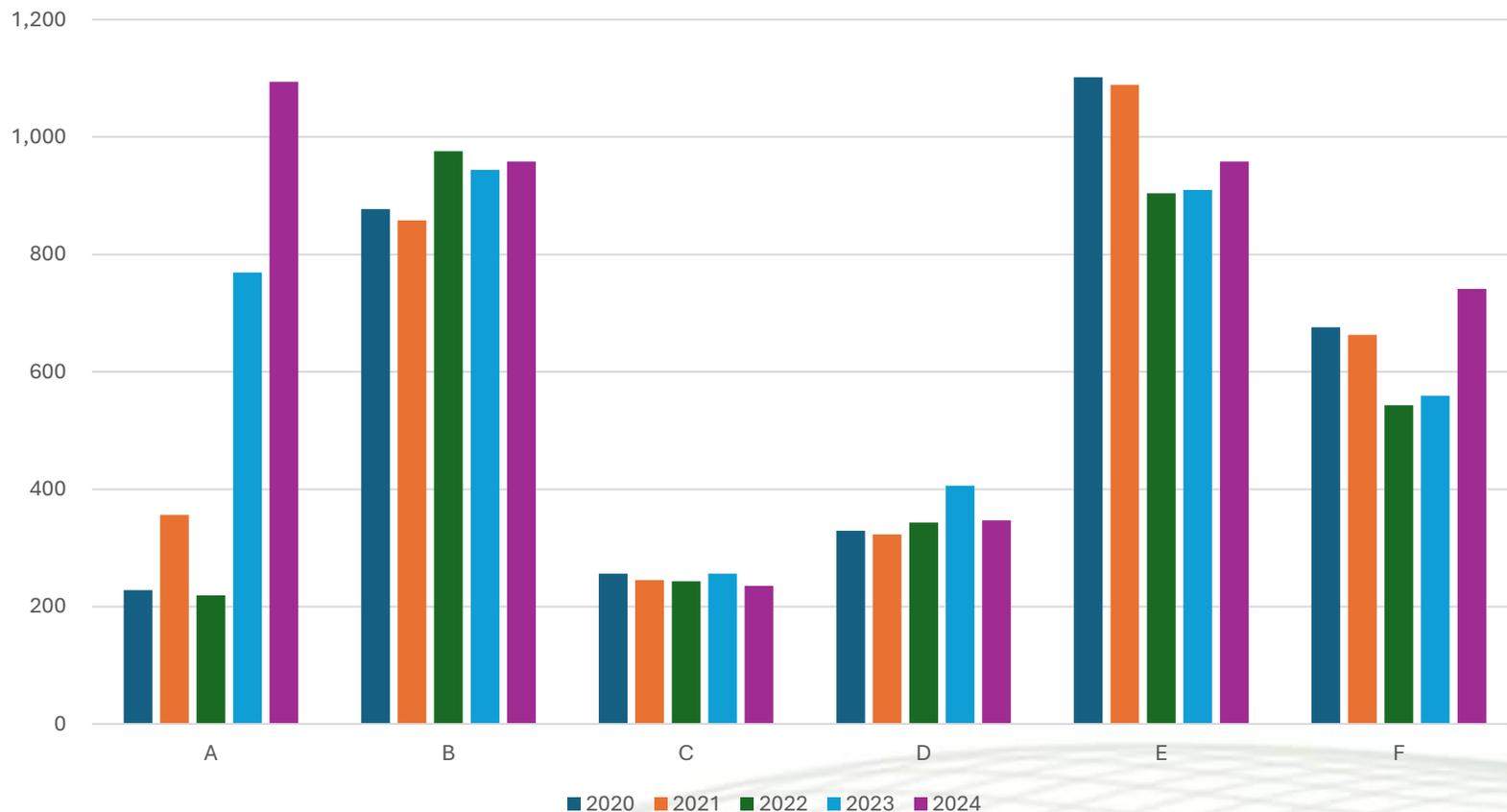
CY 2020-2024 348 MORE LEAKS





HAZARODOUS LEAKS REPAIRED PER YEAR BY COMPANY ON SERVICES

CY 2020-2024 1,213
MORE LEAKS

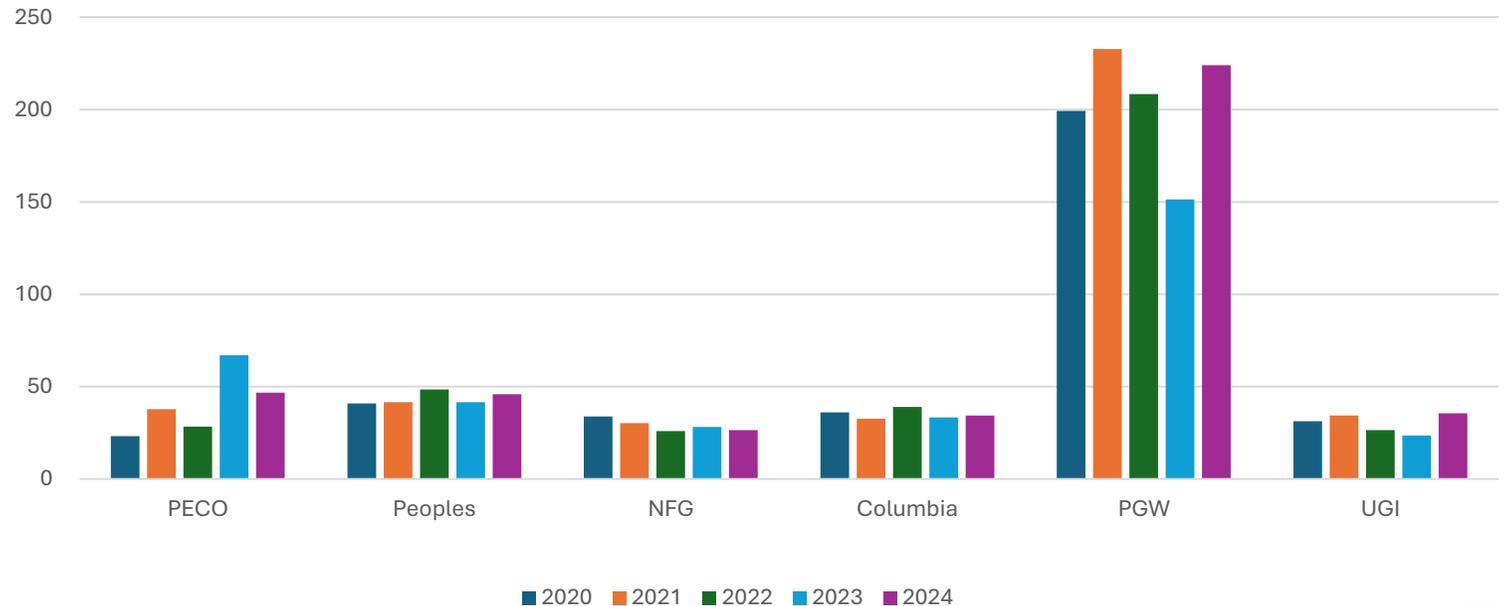


Opinions and content are that of I&E and I&E does not speak for the Commission



TOTAL HAZARDOUS LEAKS REPAIRED/1,000 MILES OF MAIN BY COMPANY BY YEAR

CY 2020-2024 48 MORE LEAKS



Plastic Failure Data Brief History



The Origin



When



What



Plastic Failure Data Brief History



Analyze



3/6/2009



Plastic Failure Data Brief History

Analyze leak/failure data - similar to PPDC

March 6, 2009 – request for 2008 data

Question: Anyone know the driving force for this?



Plastic Failure Data Brief History

PHMSA issued a final rule for the Integrity Management Program for Gas Distribution Pipelines on December 4, 2009.



Data Collection

Issues getting data

What you want & what you get
are two completely different
things!



Data Collection

So a long story short, between company mergers and formatting...

About 7 years



What can we tell you about plastic failures 2016-2024?

- The six large = 19.4 K leaks
- 15.6% Missing installation dates
- 69% were installed 1982 or older
- 94.0% Installed pre-2002
- Many unknown dates
- 82% under 2”
- 6.6% mention Aldyl-A or Dupont





More Current what about plastic failures reported 2020-2024?

- Reported plastic failures: 12.7K
- 93.4% installed pre-2002
- 32.8% Fitting type = blanks



More Current what about plastic failures reported 2020-2024?

- By far some type of mech coupling - bolt, compression, nut follower, etc. - 51%
- 2.8% attributed to fusions of all type
- 2% stab fitting
- 1% pipe – impinge, cracks, squeeze, etc.



More Current what about plastic failures reported 2020-2024?

- 1982 or older 42%
- Pre 2002 failures 93.4%
- That means 6.6% of the failures installed post OQ!