WOT-9 BLS productivity calculations

October 20, 2026

1 Average TFP for Utility Sector

[21]:
```
import math
```

[22]:
```
# Average annual Total Factor Productivity (TFP) growth rate,
#Utility Sector, 2005-2024

#Data from Exhibit WOT-6
#Equation from Exhibit CLP-PBR-2
tfp1 = math.log(99.389 / 91.131) / 19 * 100

print(f"Average Total Factor Productivity (TFP), Utility Sector (2005-2024): \
{tfp1:.3f}%")
```

```
Average Total Factor Productivity (TFP), Utility Sector (2005-2024): 0.457%
```

2 Average TFP for Business Sector

[23]:
```
# Average annual Total Factor Productivity (TFP) growth rate,
#Private Business Sector, 2005-2024

#Data from Exhibit WOT-5
#Equation from Exhibit CLP-PBR-2
tfp1 = math.log(107.662 / 94.648) / 19 * 100

print(f"Avg. Total Factor Productivity (TFP), Private Business Sector \
(2005-2024): {tfp1:.3f}%")
```

```
Avg. Total Factor Productivity (TFP), Private Business Sector (2005-2024):
0.678%
```