

## 2022 Federal Income Tax Brackets (taxes due April 2023)

Tax Rate	Single	Married, joint filing	Married, separate filing	Head of household
10%	\$0 - \$10,275	\$0 - \$20,550	\$0 - \$10,275	\$0 - \$14,650
12%	\$10,276 - \$41,775	\$20,551 - \$83,550	\$10,276 - \$41,775	\$14,651 - \$55,900
22%	\$41,776 - \$89,075	\$83,551 - \$178,150	\$41,776 - \$89,075	\$55,901 - \$89,050
24%	\$89,076 - \$170,050	\$178,151 - \$340,100	\$89,076 - \$170,050	\$89,051 - \$170,050
32%	\$170,051 - \$215,950	\$340,101 - \$431,900	\$170,051 - \$215,950	\$170,051 - \$215,950
35%	\$215,951 - \$539,900	\$431,901 - \$647,850	\$215,951 - \$323,925	\$215,951 - \$539,900
37%	\$539,901 or more	\$647,851 or more	\$323,926 or more	\$539,901 or more

# Federal Income Tax

**Thomas Sewall Adams**



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web number of conductor turns in a coil is  $n$  magnetic field strength  $H = \frac{1}{4\pi} \frac{NI}{r}$  magnetic flux  $\Phi = \frac{1}{\mu} NI$  vs assignment design a 90 degree bending magnet for beam analysis with the duoplasmatron

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