

## Tax Year 2017: Statistics of Income Tax Returns by Quintile (1)

### Summary Statistics by Quintile

Tax Filer Quintile	# of Returns	Total Reported Income (\$Mil) (2)	Total Income Tax (\$Mil) (3)	% Share of Total Income Tax	Cumulative %
					Share of Total Income Tax
5th Quintile (Highest)	768,924	\$236,490	\$10,938	73.0%	73.0%
4th Quintile	768,924	\$58,666	\$2,446	16.3%	89.3%
Middle Quintile	768,925	\$31,557	\$1,159	7.7%	97.0%
2nd Quintile	768,924	\$15,221	\$404	2.7%	99.7%
1st Quintile (Lowest)	768,924	\$1,902	\$43	0.3%	100.0%
<b>Total</b>	<b>3,844,621</b>	<b>\$343,836</b>	<b>\$14,990</b>	<b>100.0%</b>	

### Quintile Tax Filer Characteristics

Quintile Lower Bound (Income) (\$) (4)	Average Income (\$)	Average Tax (\$)	Average Effective Tax Rate (5)
\$106,000	\$307,559	\$14,225	4.6%
\$55,000	\$76,296	\$3,181	4.2%
\$29,000	\$41,041	\$1,507	3.7%
\$11,000	\$19,795	\$525	2.7%
-	\$2,473	\$56	2.3%
	\$89,433	\$3,899	4.4%

### Breakdown of 5th Quintile (\$ millions)

Subgroup of 5th Quintile	# of Returns	Total Reported Income (\$Mil) (2)	Total Income Tax (\$Mil) (3)	% Share of Total Income Tax	Cumulative %
					Share of Total Income Tax
>= \$1 Million ( Approx. Top 0.5%)	20,159	\$75,963	\$3,598	24.0%	24.0%
Other Top 1%	18,287	\$14,501	\$687	4.6%	28.6%
Top 10% excluding Top 1%	346,016	\$94,963	\$4,412	29.4%	58.0%
<i>Subtotal Top 10%</i>	<i>384,462</i>	<i>\$185,427</i>	<i>\$8,697</i>	<i>58.0%</i>	<i>58.0%</i>
Next 10%	384,462	\$51,063	\$2,241	14.9%	73.0%
Top Quintile	768,924	\$236,490	\$10,938	73.0%	

### Top Quintile Tax Filer Characteristics

Quintile Lower Bound (Income) (\$) (4)	Average Income (\$)	Average Tax (\$)	Average Effective Tax Rate (5)
\$1,000,000	\$3,768,212	\$178,486	4.7%
\$654,000	\$792,955	\$37,549	4.7%
\$168,000	\$274,446	\$12,751	4.6%
\$168,000	\$482,302	\$22,621	4.7%
\$106,000	\$132,816	\$5,829	4.4%
\$106,000	\$307,559	\$14,225	4.6%

**Notes:**

(1) Data is for income taxes and preliminary. It is reflected at the tax return level. Data includes 2017 income tax returns filed under all filing statuses: Single, Married filing joint return, Married filing separate return, Head of household, Custodial parent who has released claim to exemption for child(ren).

(2) Massachusetts Net Adjusted Gross Income (AGI), which is the sum of Earned 5.1% Income, 5.1% Interest and Dividends, 12% Short-Term Capital Gains and 5.1% Long-Term Capital Gains. In tax year 2017, these income types include those reported on line 10, line 20, Line 23a, plus Long-Term Capital Gains derived from Line 24, of Form 1, and corresponding lines of other forms.

(3) Income tax after non-refundable credits, as reported on line 32 of 2017 Form 1, and corresponding lines of other forms.

(4) The Quintile Lower Bound (income) for the 1st Quintile could be negative.

(5) Average effective tax rate is defined as the ratio of income tax after non-refundable credits to net Adjusted Gross Income (AGI).