

Formative Assessment:

Quantitative Analysis

Quantitative analysis involves the process of evaluating data that is shown visually through tables, charts, graphs, maps, and infographics. By analyzing patterns, conclusions can be drawn about behaviors, institutions, processes, and policies. Critical investigations also yield possible limitations for the data presented.

Directions: Analyze the data presented in the source below. Then, answer the questions that follow. The multiple choice questions for this formative assessment are Weighted Multiple Choice (WMC) Questions. This means that there is only one *incorrect* answer, but the other 3 choices are weighted. The *two best* answers are 2 points, the *next-best* answer is 1 points, and the *incorrect* answer is 0 points.

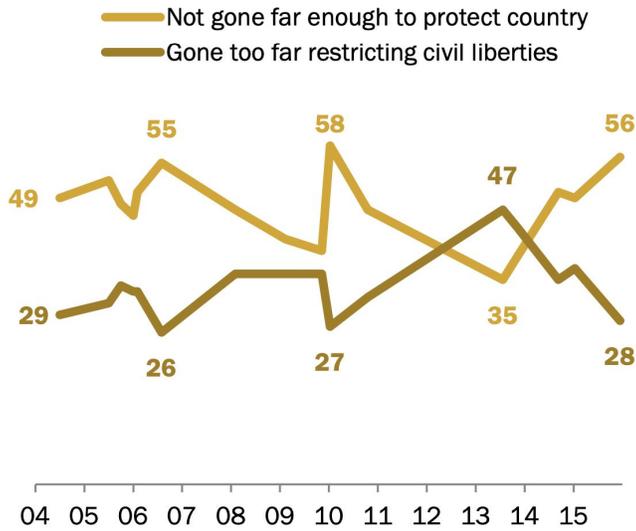
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Source: “Views of Government’s Handling of Terrorism Fall to Post-9/11 Low” *Pew Research Center*, 2015.

More Concern with Country’s Protection than Civil Liberties (2004-2015)

Young Adults More Concerned About Civil Liberties than Older People (2015)

Bigger concern about govt anti-terrorism policies? (%)



Source: Survey conducted Dec. 8-13, 2015.
Don't know responses not shown.

Bigger concern about govt anti-terrorism policies?

	Too far in restricting civ libs	Not far enough to protect US	Other/DK
	%	%	%
Total	28	56	16=100
18-29	43	44	13=100
30-49	32	52	16=100
50-64	21	60	20=100
65+	15	71	14=100

Source: Survey conducted Dec. 8-13, 2015. Figures may not add to 100% because of rounding.



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1. Select the statement that can most accurately be drawn from the information presented in the above source.
 - A. Age is the only factor that impacts one's opinion on U.S. efforts to protect civil liberties.
 - B. Since 2004, there has been a trend of Americans becoming more concerned with the protection of the country.
 - C. In 2015, the majority of Americans across age groups believed the country has not gone far enough to protect the U.S.
 - D. In comparison to 2004, American attitudes in 2015 regarding the debate over national security and civil liberties have not changed significantly.

2. Justify your answer in the space below.



1. Select the statement that can most accurately be drawn from the information presented in the above source.
 - A. Age is the only factor that impacts one's opinion on U.S. efforts to protect civil liberties. **(0 points)**
 - B. Since 2004, there has been a trend of Americans becoming more concerned with the protection of the country. **(1 point)**
 - C. In 2015, the majority of Americans across age groups believed the country has not gone far enough to protect the U.S. **(2 points)**
 - D. In comparison to 2004, American attitudes in 2015 regarding the debate over national security and civil liberties have not changed significantly. **(3 points)**

2. Justify your answer in the space below.

Choice D, worth 3 points, is the best conclusion drawn from the data. The change from 49% to 56% of Americans believing the country has not gone far enough to protect the country as well as the change from 29% to 28% of the country believing the country has gone too far in restricting civil liberties does not mark a significant change. Choice C (2 points) is almost completely true. However, Americans in the 18-29 year range had only 44% agree with this statement which is not a majority. While there has been an increase in Americans becoming more concerned with the protection of the country, the trend has not been consistent and thus, Choice B is worth 1 point. Lastly, Choice A is not represented by the data so is worth 0 points. Other factors are not included in these graphs and so this statement cannot be accurately evaluated.



1. Weighted Multiple Choice

3 points (Choice D)	2 points (Choice C)	1 point (Choice B)	0 points (Choice A)
			Subtotal: _____ / 3

2. Short Answer: Justify Your Answer

3 points	2 points	1 point	0 points
Student thoroughly justifies their choice of the <i>best</i> statement—which is worth three points as shown on the teacher key—that supports the claim.	Student thoroughly justifies their choice of either the 1 or 2 point option from the WMC question. OR Student's justification of the 3 point option needs deeper analysis.	Student's justification of their choice (either the 1 or 2 point option) lacks deep analysis.	Student either makes no attempt to justify their choice OR try to justify the 0 point option.
			Subtotal: _____ / 3

Total: _____ / 6

