

2013

Data for Question 14 (4 points)

Plan effective date: 1/1/2008.

Optional forms of payment:

Single life annuity

50% and 75% joint and survivor annuities

Social Security level income

The 2013 AFTAP certified on 8/1/2013 was 89.00%.

2013 effective interest rate: 7.0%.

Funding standard carryover balance as of 1/1/2014: \$10,000.

Prefunding balance as of 1/1/2014: \$5,000.

Actuarial (market) value of assets as of 1/1/2014 excluding contribution receivables: \$550,000.

A contribution of \$X was made on 5/1/2014 for the 2013 plan year, and no prefunding balance was created.

No other contributions were made for the 2013 plan year.

No range certification for 2014 was performed.

On 5/2/2014 the 2014 actuarial valuation was completed by the plan actuary with the following results:

Funding target	\$640,000
AFTAP	92.00%

Question 14

In what range is \$X?

- (A) Less than \$47,500
- (B) \$47,500 but less than \$50,000
- (C) \$50,000 but less than \$52,500
- (D) \$52,500 but less than \$55,000
- (E) \$55,000 or more

2013

Data for Question 32 (2 points)

The 2013 AFTAP was certified on 3/31/2013 as 92.00%.

The plan offers a lump sum option.

The plan sponsor did not make any election to use funding balances to satisfy the 2013 minimum required contribution.

Selected information as of 1/1/2014:

Funding balances prior to any deemed reductions:	
Funding standard carryover balance	\$55,120
Prefunding balance	30,000
Actuarial (market) value of assets	6,900,000
Funding target	8,600,000

The 2014 AFTAP is certified on 8/1/2014.

\$X is the deemed reduction to the funding balances as of 1/1/2014 that occurs when the 2014 AFTAP is certified.

Question 32

In what range is **\$X**?

- (A) Less than \$63,000
- (B) \$63,000 but less than \$64,000
- (C) \$64,000 but less than \$65,000
- (D) \$65,000 but less than \$66,000
- (E) \$66,000 or more

2014

Data for Question 40 (1 point)

Plan freeze date: 1/1/2007.

Current AFTAP: 75.00%.

The plan provides a Social Security level income option.

Consider the following statement:

Valuations should not reflect an assumption that Social Security level income options will be elected until the AFTAP for that year is at least 80%.

Question 40

Is the above statement true or false?

- (A) True
- (B) False

2014

Data for Question 41 (1 point)

A plan sponsor makes an election on March 1, 2015 to use funding balance to meet quarterly required contributions and offset the minimum required contribution for the 2015 plan year. On June 1, 2015 a deemed reduction reduces the funding balance for 2015.

Consider the following statement:

The deemed reduction reduces the funding balance available to be applied to the 2015 minimum required contribution and may result in a late April 15, 2015 quarterly.

Question 41

Is the above statement true or false?

- (A) True
- (B) False