



Homework #4

West Virginia Higher Education Funding Problem

Project Background

This assignment was developed new by Brian Powell in November 2007 as a Problem Solving II-type assignment. It was converted to an Access I-type assignment in January 2009.

Version History

Version: 1.0
Date: 11/30/2007
Author: Brian Powell
Notes: Initial concept.

Version: 1.1
Date: 11/30/2007
Author: Brian Powell
Notes: Production version for Fall 2007. Made minor adjustments based on instructor feedback.

Version: 1.2
Date: 11/30/2007
Author: Brian Powell
Notes: Corrected spelling error in introduction paragraph. Fixed color coding error in DHHR population density map for Step 11e. Swapped substeps in Step 7c.

Version: 1.3
Date: 12/1/2007
Author: Brian Powell
Notes: Clarified **Institution** and **Institution Type** field names in Steps 7b and 8b. Corrected cell references in Step 7e(i). Adjust chart labels in solution file. Corrected grading rubric.

Version: 2.0
Date: 1/21/2008
Author: Brian Powell
Notes: Corrected formatting in instructions for Step 8d(ii).

Version: 2.1
Date: 4/18/2008
Author: Brian Powell
Notes: In Step 12a, use only one slide design.

Version: 3.0
Date: 10/14/2008



Homework #4

West Virginia Higher Education Funding Problem

Author: Brian Powell and Jonathan Mack
Notes: Grammatical fixes in Background Information section.

Version: 4.0
Date: 1/28/2009
Author: Brian Powell
Notes: Dataset updated. Complete rewrite to confirm to Access I-type standards.

Version: 5.0
Date: 4/1/2009
Author: Brian Powell
Notes: Minor stylistic change to Step 2a. In Step 3a, clarified which field should be primary key. Added note to Step 5a that table should be completely defined before entering records. Corrected table name in Step 5b. Added hint to Step 6d. Upgrade Steps 7 (forms) and 8 (reports) to current standard.

Version: 6.0
Date: 6/26/2009
Author: Brian Powell
Notes: Standardized language in Step 6d about grouping options.

Version: 7.0
Date: 3/14/2010
Author: Brian Powell
Notes: Corrected WVSOM name in Step 3b. Updated map in analysis questions to reflect new college names.



Homework #4

West Virginia Higher Education Funding Problem

Version: 7.1
Date: 3/17/2010
Author: Brian Powell
Notes: Updated header style. Changed Step 8 to use landscape page orientation.

Version: 8.0
Date: 6/14/2011
Author: Brian Powell
Notes: Formatting cleanup.

Version: 9.0
Date: 11/16/2011
Template Version: 9.0
Author: Brian Powell
Notes: Removed design style instructions from Steps 7 and 8.

Version: 10.0
Date: 2/19/2012
Author: Sravanthi Nalamalapu
Notes: Updated Dataset and modified Steps 6a, 6b, 6d, 9a and 9b according to updated dataset.

Version: 10.1
Date: 3/2/2012
Author: Replaced 2009 data with 2010 data, removed 2001 data, and corrected appropriations figures. Adjusted record counts and analysis questions to match new data.

Version: 11.0
Date: 9/9/2012
Author: Rutika Bhapkar
Notes: Updated grading rubric to match current format.

Version: 12.0
Date: 12/18/2012
Author: Brian Powell
Notes: Updated empty step language.

Version: 12.1
Date: 2/9/2013
Author: Brian Powell
Notes: Updated formatting template.

Version: 13.0



Homework #4

West Virginia Higher Education Funding Problem

Date: 10/24/2013
Author: Brian Powell
Notes: Upgraded formatting template. Fixed page break with Step 5b.
Corrected equation formatting in Step 6b.

Version: 13.1
Date: 11/11/2013
Author: Brian Powell
Notes: Updated reports column width note in Step 8.

Version: 13.2
Date: 12/17/2013
Author: Brian Powell
Notes: Added standard-type number formatting.

Version: 13.3
Date: 2/10/2014
Author: Brian Powell
Notes: Updated referential integrity language in Step 5a.

Version: 13.4
Date: 4/16/2014
Author: Brian Powell
Notes: Updated description of total FTEs in Steps 6b and 9b.

Version: 13.5
Date: 12/17/2014
Author: Brian Powell
Notes: Updated grading rubric to 50 points.

Version: 13.6
Date: 10/5/2015
Author: Brian Powell
Notes: Updated template and applied current standards changes.

Version: 13.7
Date: 6/14/2016
Author: Brian Powell
Notes: Updates for Mac compatibility and template changes.

Version: 13.8
Date: 7/1/2016
Author: Brian Powell
Notes: Added new style grading rubric.



Homework #4

West Virginia Higher Education Funding Problem

Version:	14.0
Date:	8/16/2016
Author:	Brian Powell
Notes:	Converted to a Homework #5 project.
Version:	15.0
Date:	8/30/2016
Author:	Brian Powell
Notes:	Converted to a Homework #5 project.
Version:	15.1
Date:	10/10/2016
Author:	Brian Powell
Notes:	Update table structure in Step 4.
Version:	15.2
Date:	11/4/2016
Author:	Brian Powell
Notes:	Specify field size for decimal-containing field in Step 4a.
Version:	16.0
Date:	3/20/2017
Author:	Brian Powell
Notes:	Database restructured and dataset refreshed. Questions and queries updated as needed to match new data.
Version:	16.1
Date:	3/21/2017
Author:	Brian Powell
Notes:	Change to display key field in Step 4a dropdown lists.
Version:	16.2
Date:	3/22/2017
Author:	Brian Powell
Notes:	Change to display key field in Step 4a dropdown lists.
Version:	16.3
Date:	4/30/2017
Author:	Brian Powell
Notes:	Flip order of Step 2 fields.
Version:	16.4
Date:	9/13/2017
Author:	Brian Powell
Notes:	Cleanup column title in Step 4.



Homework #4

West Virginia Higher Education Funding Problem

Version: 16.5
Date: 9/26/2017
Author: Brian Powell
Notes: Adjust filename in Step 1.

Version: 16.6
Date: 9/26/2017
Author: Brian Powell
Notes: Clarify fields being counted in Step 5e.

Version: 16.7
Date: 6/20/2022
Author: Brian Powell
Notes: Update Glenville State name and map in Step 9e.

Date: 17.0
Date: 10/27/2023
Author: Brian Powell
Notes: Dataset refresh. Changed to being a Homework #4 assignment.

Alternative Steps or Analysis Questions

- None.

Dataset Notes

- **State Appropriations**
 - Taken from approved budgets at <http://www.budget.wv.gov/approvedbudget/Pages/default.aspx> for appropriate fiscal year.
 - Figures for WVU and Marshall include main campus and medical school appropriations, without any special line items.