

Massachusetts Institute of Technology
Department of Urban Studies and Planning

11.520: A Workshop on Geographic Information Systems

11.188: Urban Planning and Social Science Laboratory

Lab Assignment 3: Database Operations in ArcMap

Due in Lab 4

Your Name: _____

Your Athena Username: _____

1. What are the mean and standard deviation of the 85 Cambridge block groups with median household income of \$50,000 or less?

Mean: _____; Standard Deviation: _____

2. What are the mean and standard deviation of the 82 Cambridge block groups with median household income of \$50,000 or less *and a median income greater than zero*?

Mean: _____; Standard Deviation: _____

3. What is the **second highest** percentage of low-educated adults among the Cambridge block groups? (The highest is 55.5%).

Second-highest **p_lowed** in Cambridge block groups =: _____ for block group _____

4. How many block groups have a **p_lowed** > 50%? _____

5. What are the mean and standard deviation of the **p_lowed** field for the 21 Cambridge block groups containing the low-priced housing sales? What about for the 70 block groups containing the other sales?

21-group Mean: _____; 21-group Standard Deviation: _____

70-group Mean: _____; 70-group Standard Deviation: _____

6. What are the mean and standard deviation of the **RealPrice** field for the 140 Cambridge sales that fell within the 1/2 mile buffer of Mass Ave?

Mean RealPrice: _____; Standard Deviation: _____
