

## State of Iowa City Redistricting Worksheet – Ward Population Certification

City: Manchester (PLAN 2) \_\_\_\_\_

### Ideal Ward Population

Divide the population of the city by the number of wards.

$$\frac{5179}{\text{City population}} \div \frac{3}{\text{\# of wards}} = \frac{1727}{\text{ideal ward population}}$$

[§42.4(1)(a),372.13(7)(b)]

### Ward Size Comparison

Divide the population of the largest ward by the population of the smallest ward.

$$\frac{1751}{\text{Largest ward pop.}} \div \frac{1697}{\text{Smallest ward pop.}} = \frac{1.03}{\text{}}$$

This number must be 1.10 or less. If it is greater than 1.10, the plan is highly likely to be rejected by the Secretary of State.

[IAC 721—21.32(372)]

### Ward Variations

- Enter the population for each ward on the chart below.
- Compare each ward population with the ideal district population. Subtract the smaller population number of the two from the larger. List the difference in the “Variation” column.

**Important Note:** Where the deviation from the ideal population is absolutely necessary, the maximum allowable variation between wards is ten percent. Plans with variations exceeding that limit must include a justification that deviation is necessary to comply with the other legal requirements set forth in §372.13(7) and are highly likely to be rejected by the Secretary of State.

- Total the populations of all wards. The total must equal the census population for your city.
- Total the variations for all wards to determine the overall variation.

Ward	Population	Variation
1	1751	+25
2	1731	+5
3	1697	-29
4		
5		
6		
7		
8		
	= total population	= overall variation

*I hereby certify that this is a complete and correct list of the wards in this city and that the population data included is correct.*

Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
Authorized City Representative

Print Name: \_\_\_\_\_