

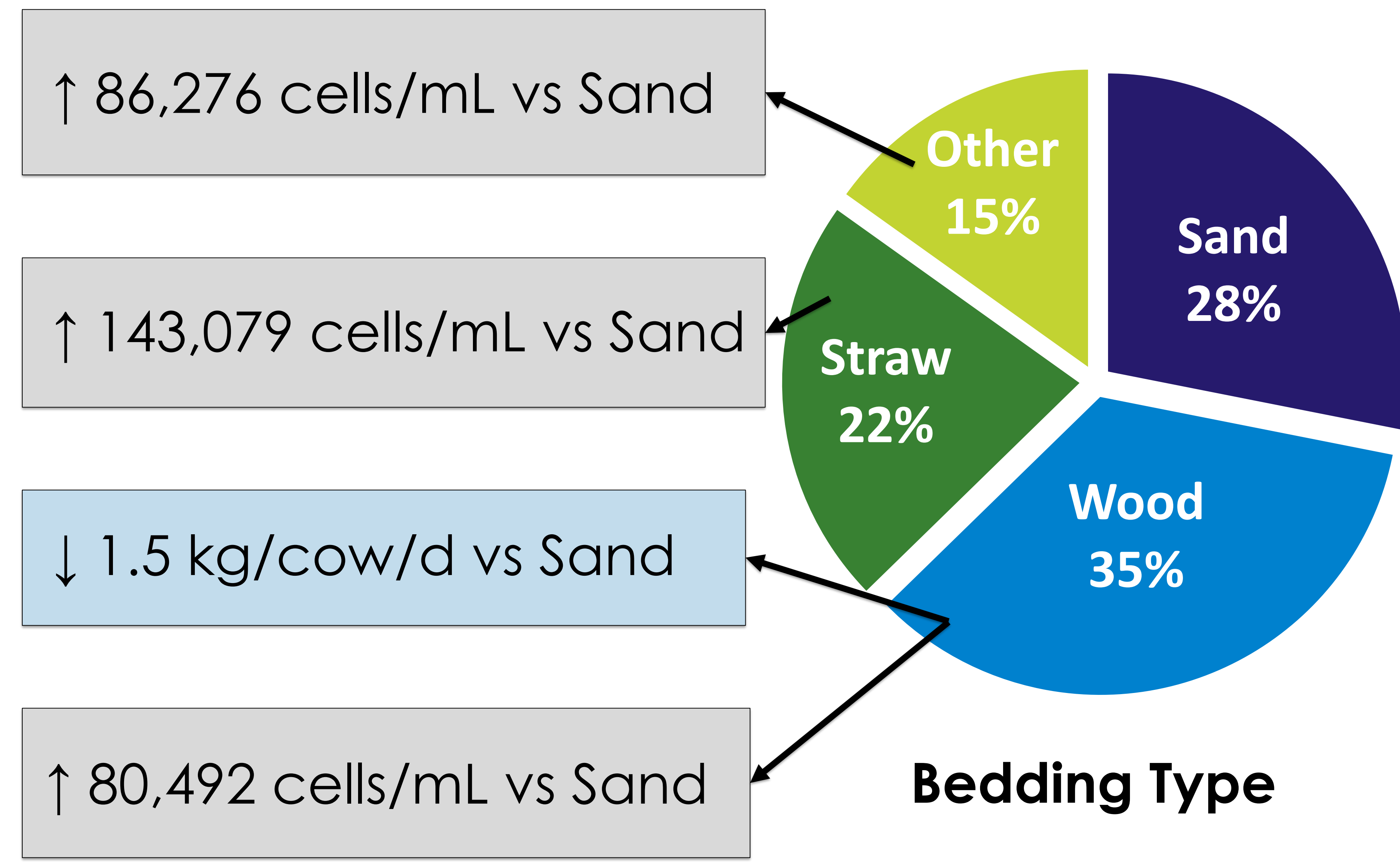
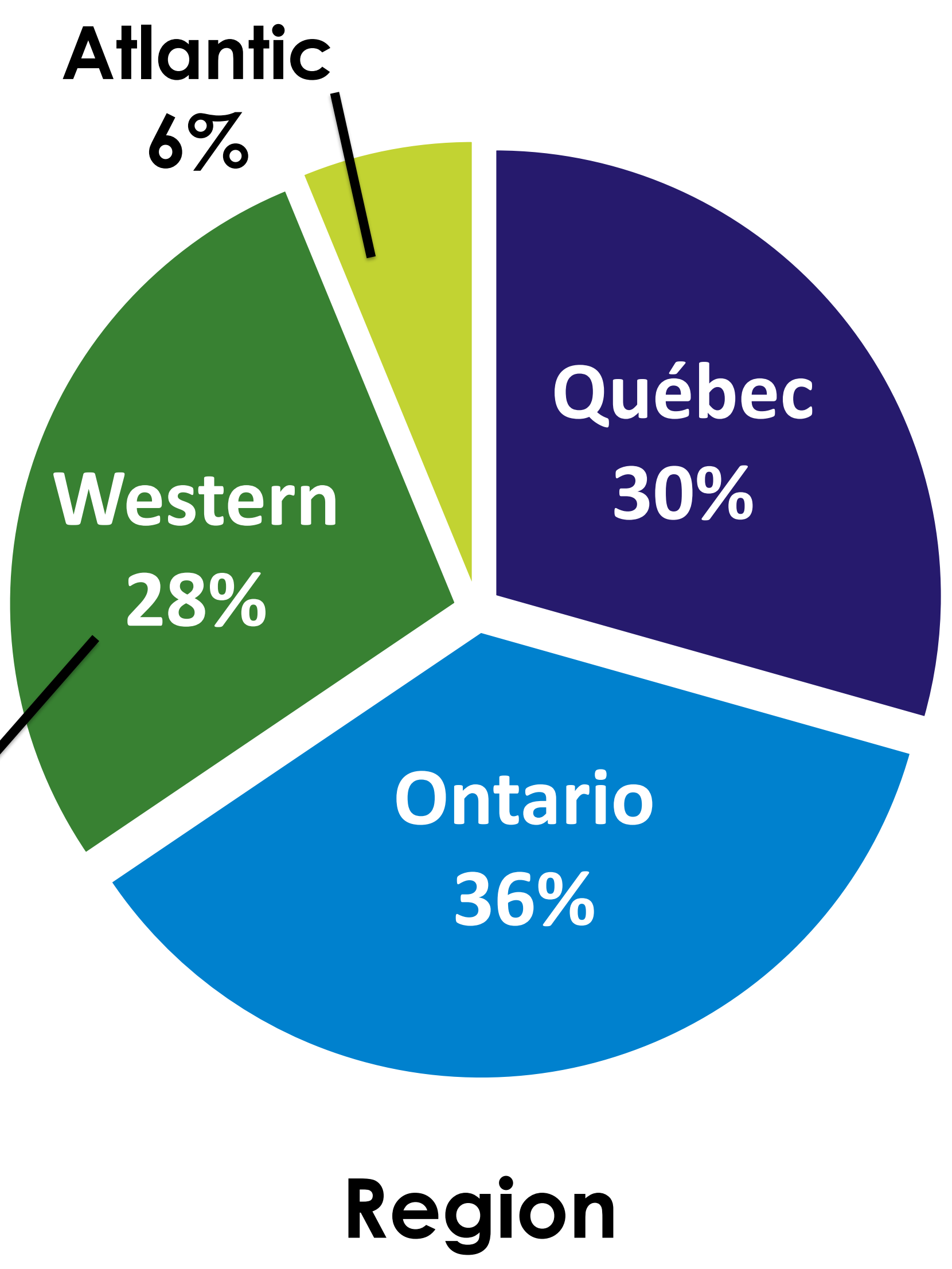
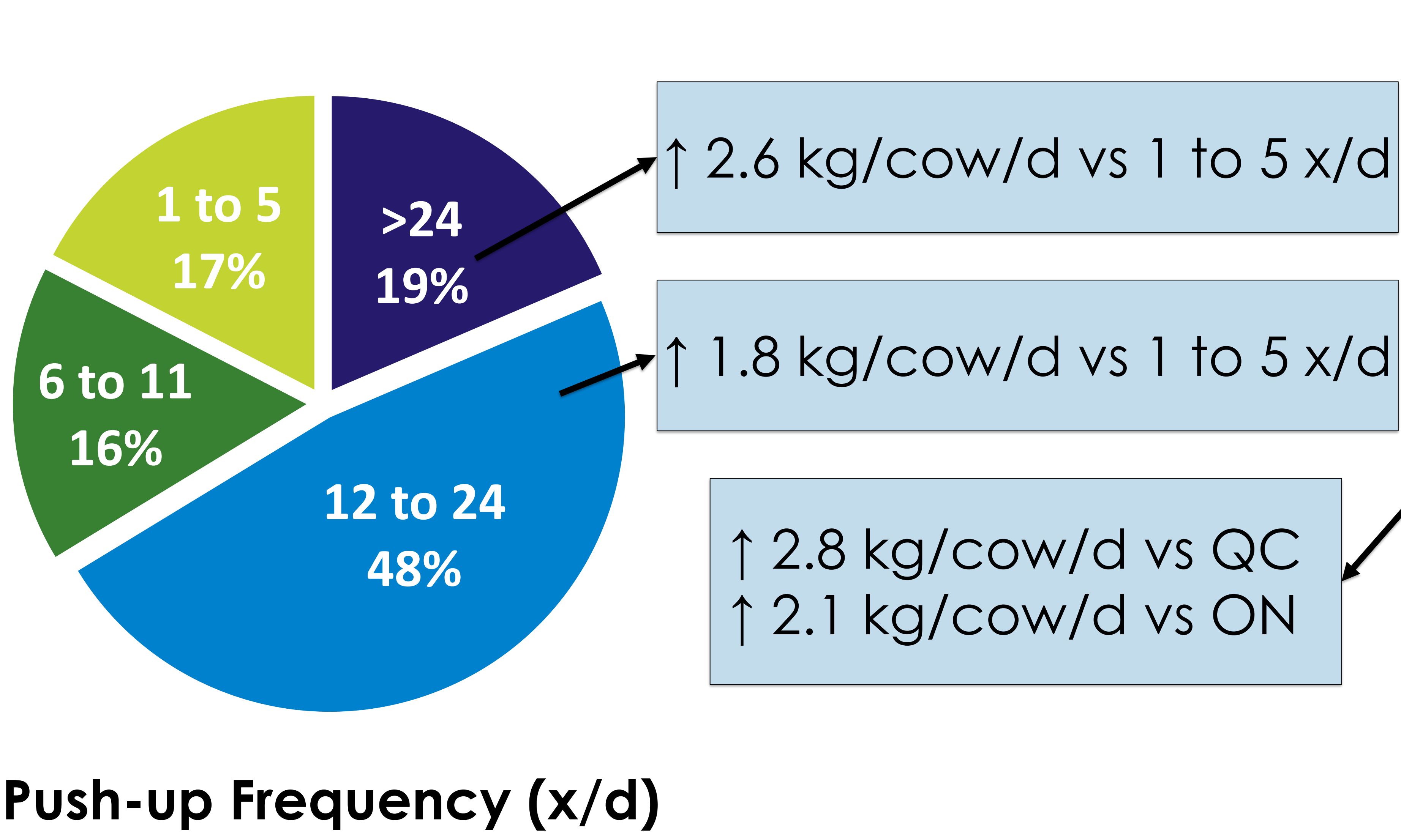
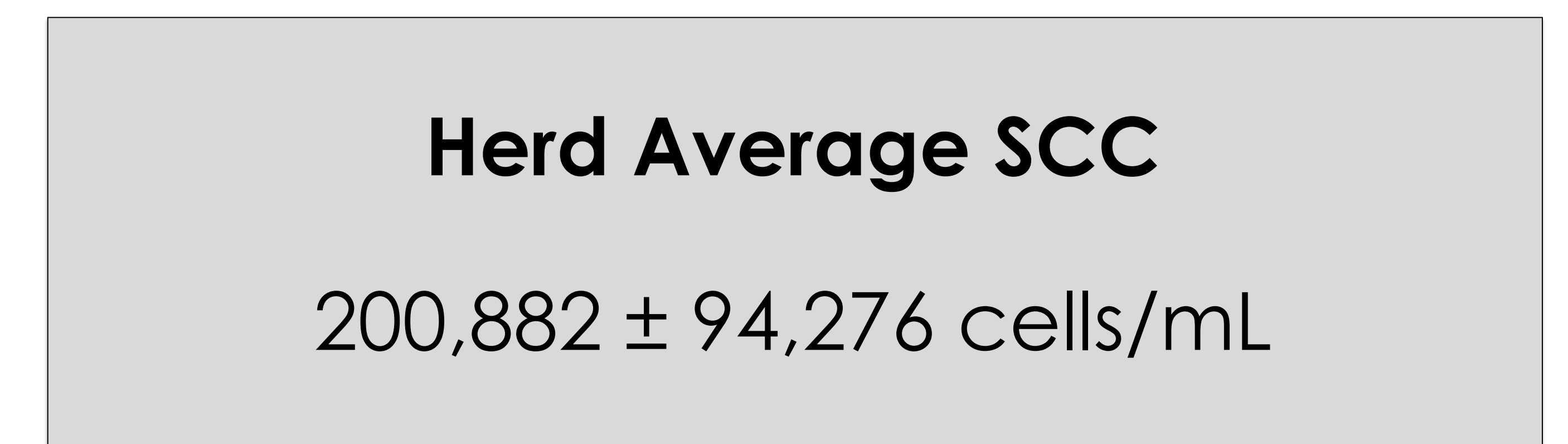
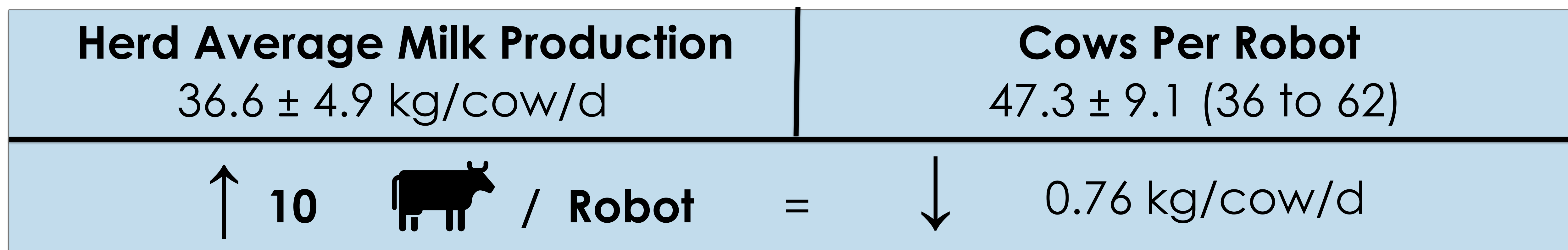
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**Research Question:** What housing and management factors are associated with milk production and quality in Canadian robotic milking herds?

**Methods:**

- Visited 197 robotic dairy farms from April to September 2019 and collected data on barn design and farm management.
- Milk recording data for the 6 months prior to farm visits were collected from Lactanet.
- Results below include herd averages with their associated effect on milk production and milk quality ( $P < 0.05$ ).



**Take Home Message:**

Greater milk production and quality are being achieved on Canadian robotic milking herds by increasing feed push-up frequency, reducing the stocking density of cows per robot, and using sand to bed their free stalls.