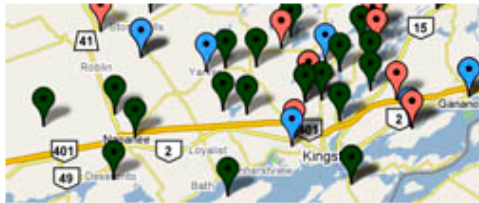


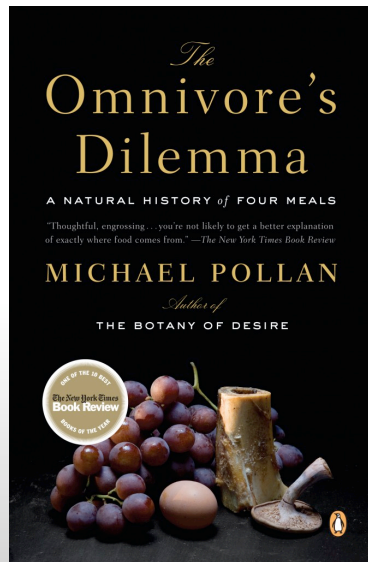
Informed Omnivore

Exploring the Canadian
Organic Food Industry

Matthew Brehmer
CS533C Project Update
November 18, 2009



LOCAL FOOD LOCATOR



- Domain

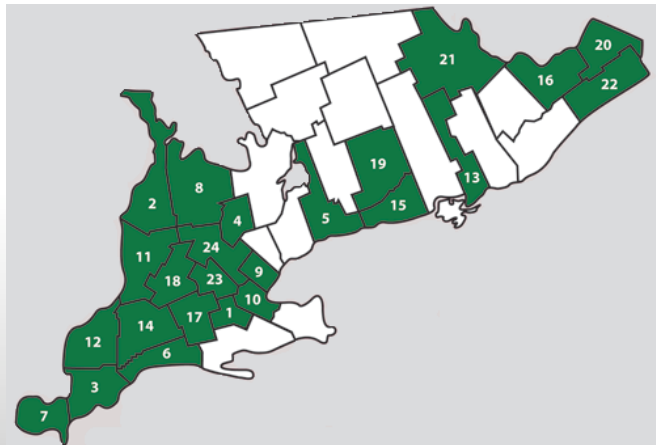
- Local & Canadian organic food
 - 100 mile diet [1]
 - Sustainability
 - Industrial organic [6]

- Users

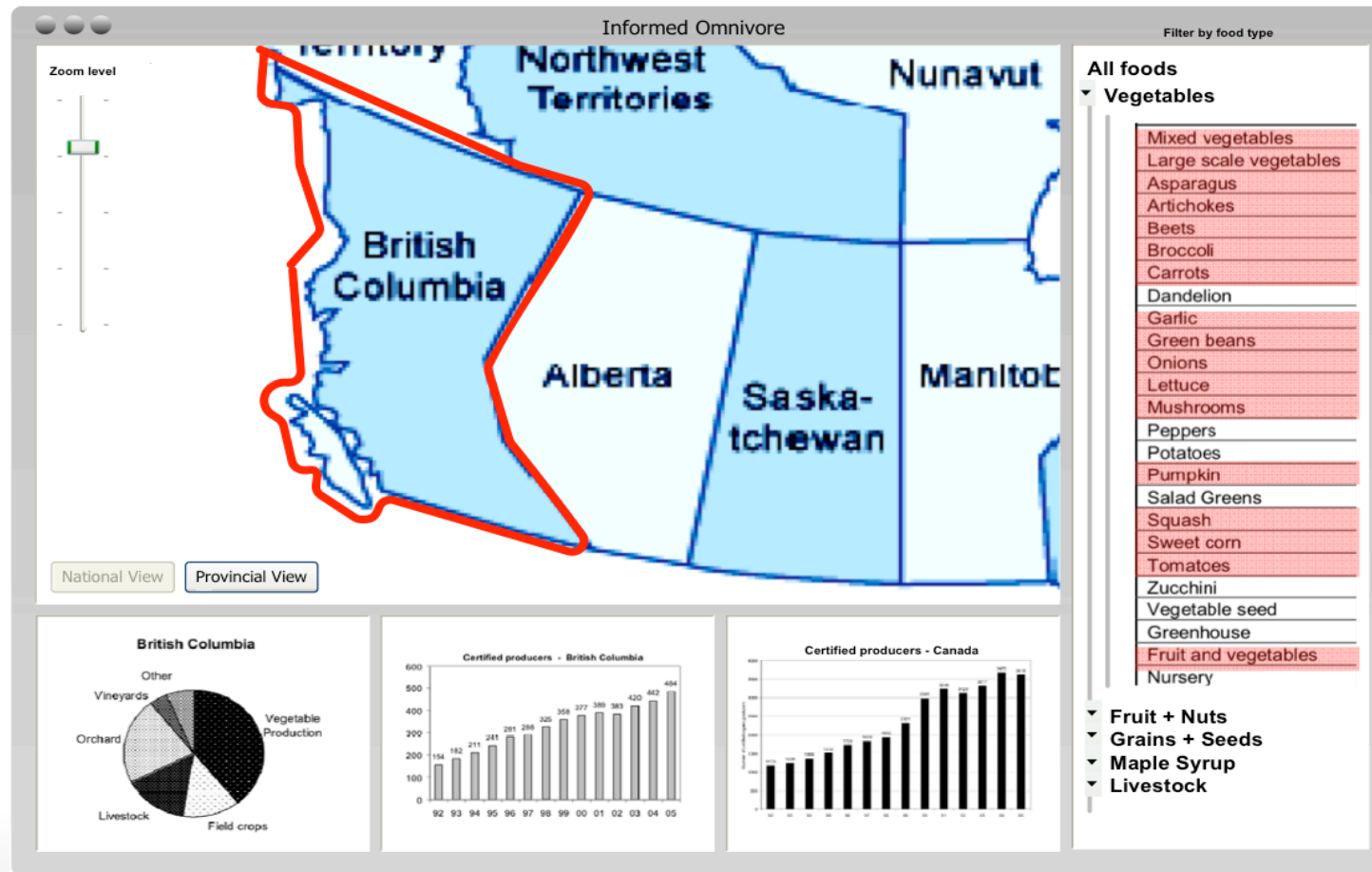
- Everyday consumers
- *A vis. for the masses*

- Data

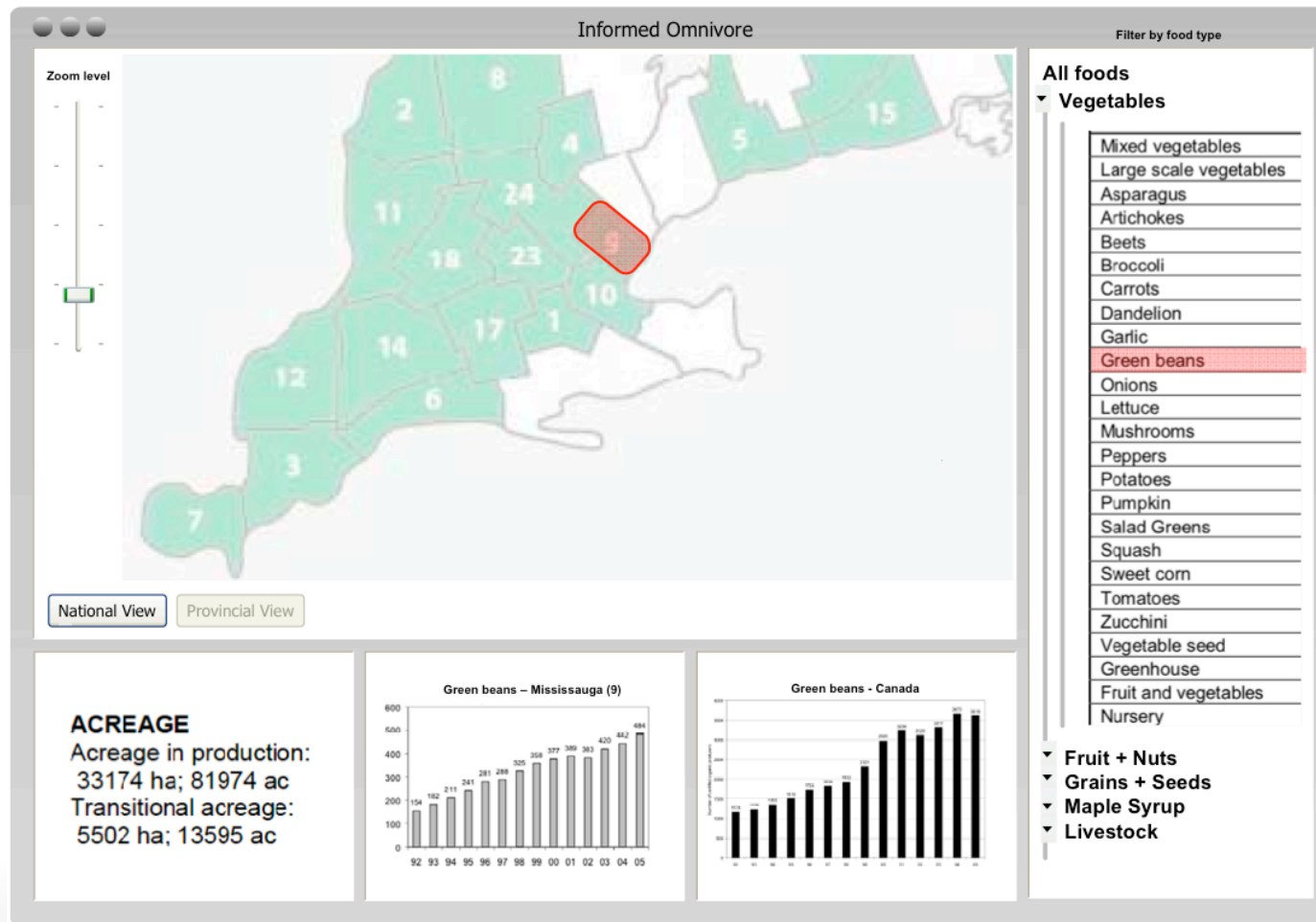
- Primary: Canadian Organic Growers [4]
- Secondary: Statistics Canada Census of Agriculture [7]



- Exploring the Canadian organic agriculture landscape
 - Geo-spatial representation of data
 - Drill down by province / region
 - Compare production levels and sources of food categories and specific food types
 - Linked views, secondary views of regional data



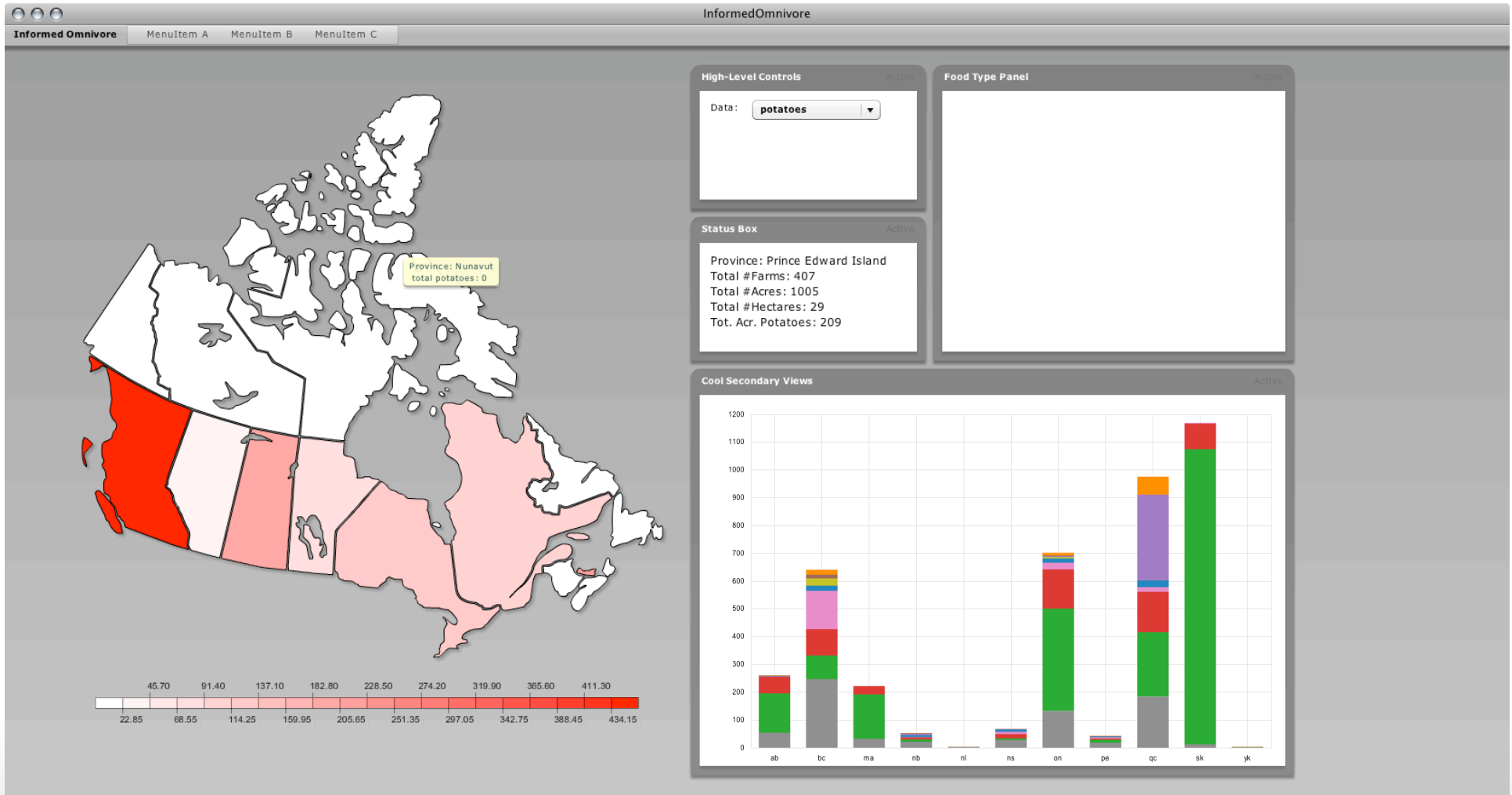
Determining which organic foods are grown in the user's region, and compare their production levels.



First selecting a food type and finding where it is grown, and in what amount.

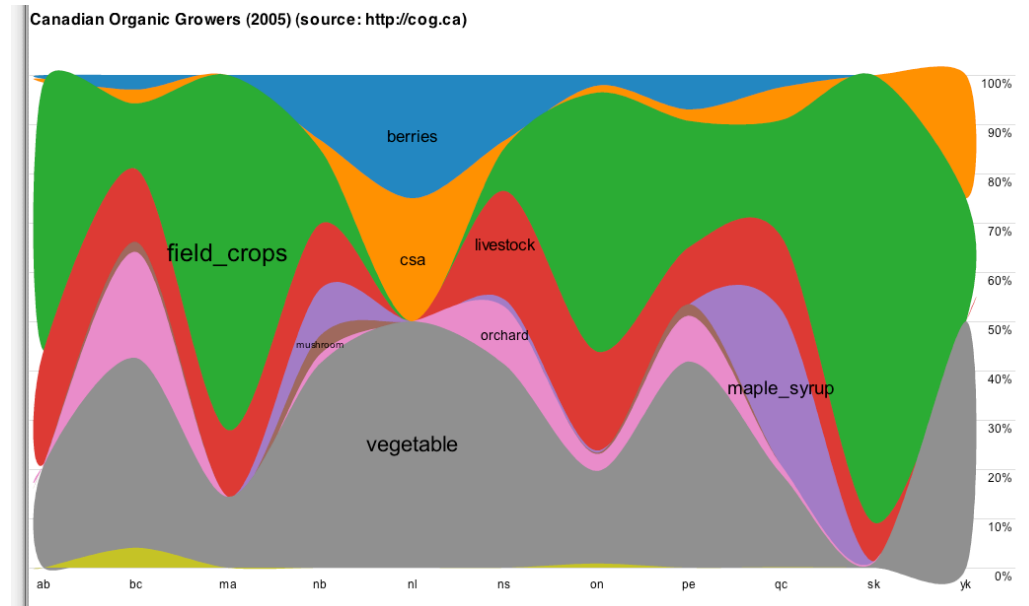
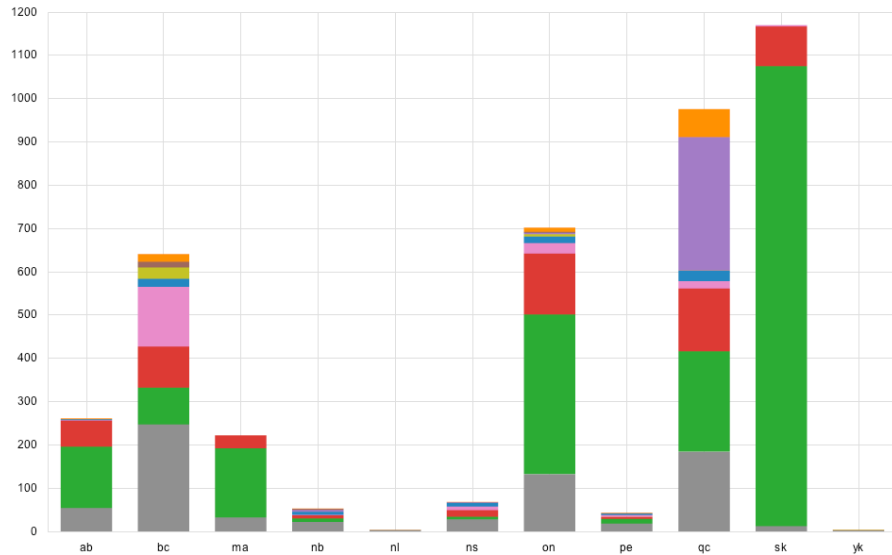
- Use an existing tool? (i.e. GeoVista [3], Improvise [9,10])
 - Suitable for analysts, not for general public on the web
- Create a new vis solution
 - Adobe Flex
 - Secondary views:
 - Flare (Flash Prefuse) vis. toolkit [8]
 - Geo-spatial views:
 - (currently) Mindset Geometrics toolkit [5]

- Week 1
 - configuring Flare toolkit, completing tutorials
 - trying and eliminating various geo-spatial toolkits
 - ~~ArcGIS, Modest Maps, amMaps, Degrafa, ILOG Elixir~~
- Week 2
 - prototyping with sample data; a geospatial solution!
 - Mindset geometrics [5]
- **Week 3**
 - food type selection, linking with geo-spatial view
- Week 4
 - preparing and adding additional data
- Week 5
 - secondary views and controls
- Week 6 / 7
 - preparing presentation & final report
- Time + resource permitting: regional drill-down, secondary data



Current geo-spatial solution + linked controls

[demo](#)



Prototyping with Flare / difficulties and results

[demo](#)

Questions?

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