

COMMUNITY KNOWLEDGE: Early Development Results & Socioeconomic Conditions in Welland

“The quality and capacity of our future population depends on what we do now to support early child development.”

Fraser Mustard, Founder & Chair Emeritus, Council for Early Child Development

GLORY RESSLER

Coordinator, Understanding the Early Years

905-646-7311 ext. 319

gressler@eccdc.org

eccdc

Understanding the Early Years



Human Resources and
Social Development Canada

Ressources humaines et
Développement social Canada

The Understanding the Early Years initiative is funded by Human Resources and Social Development Canada. For further information, visit www.hrsdc.gc.ca

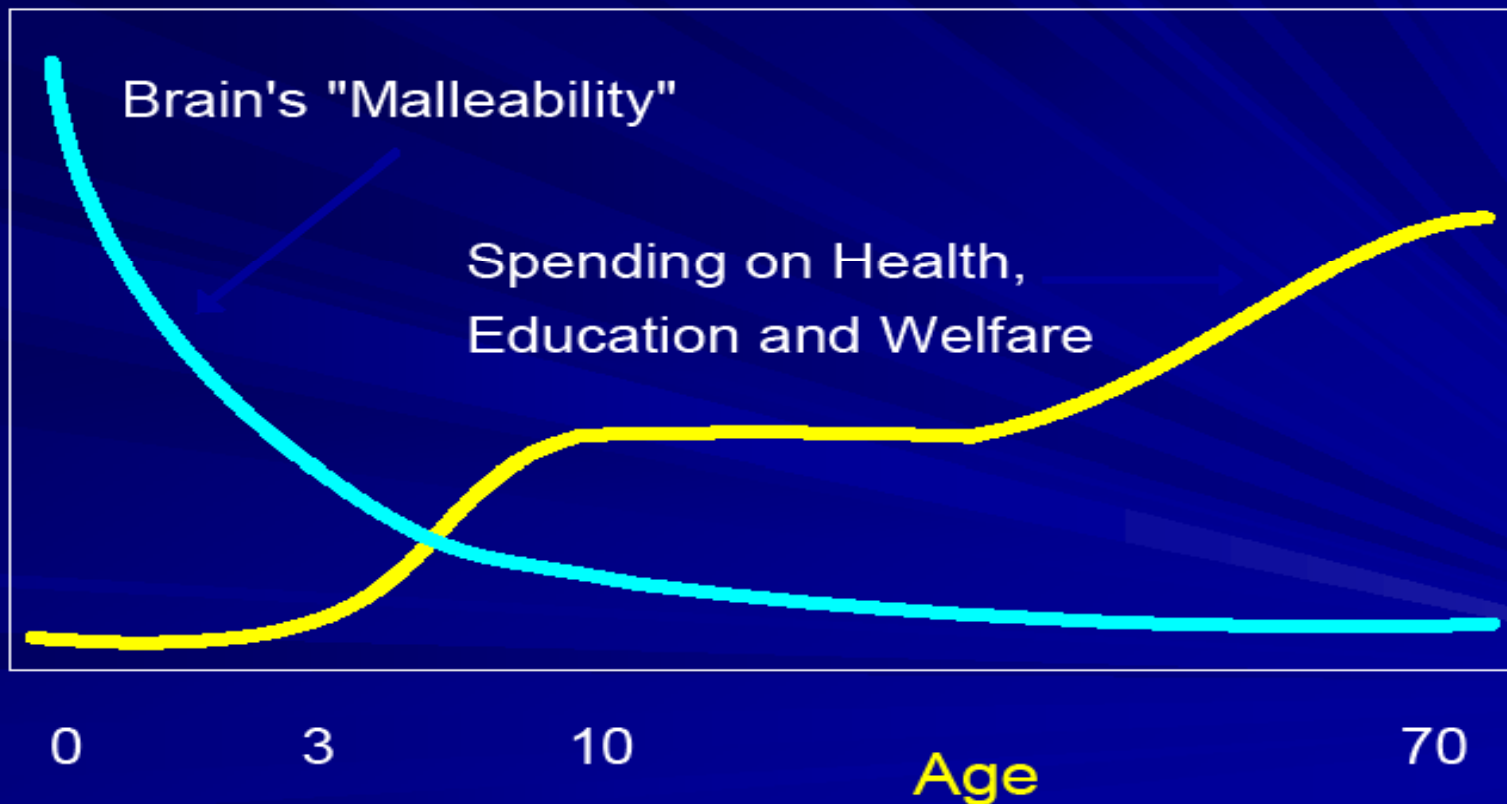
January 15, 2008

Welland City Council

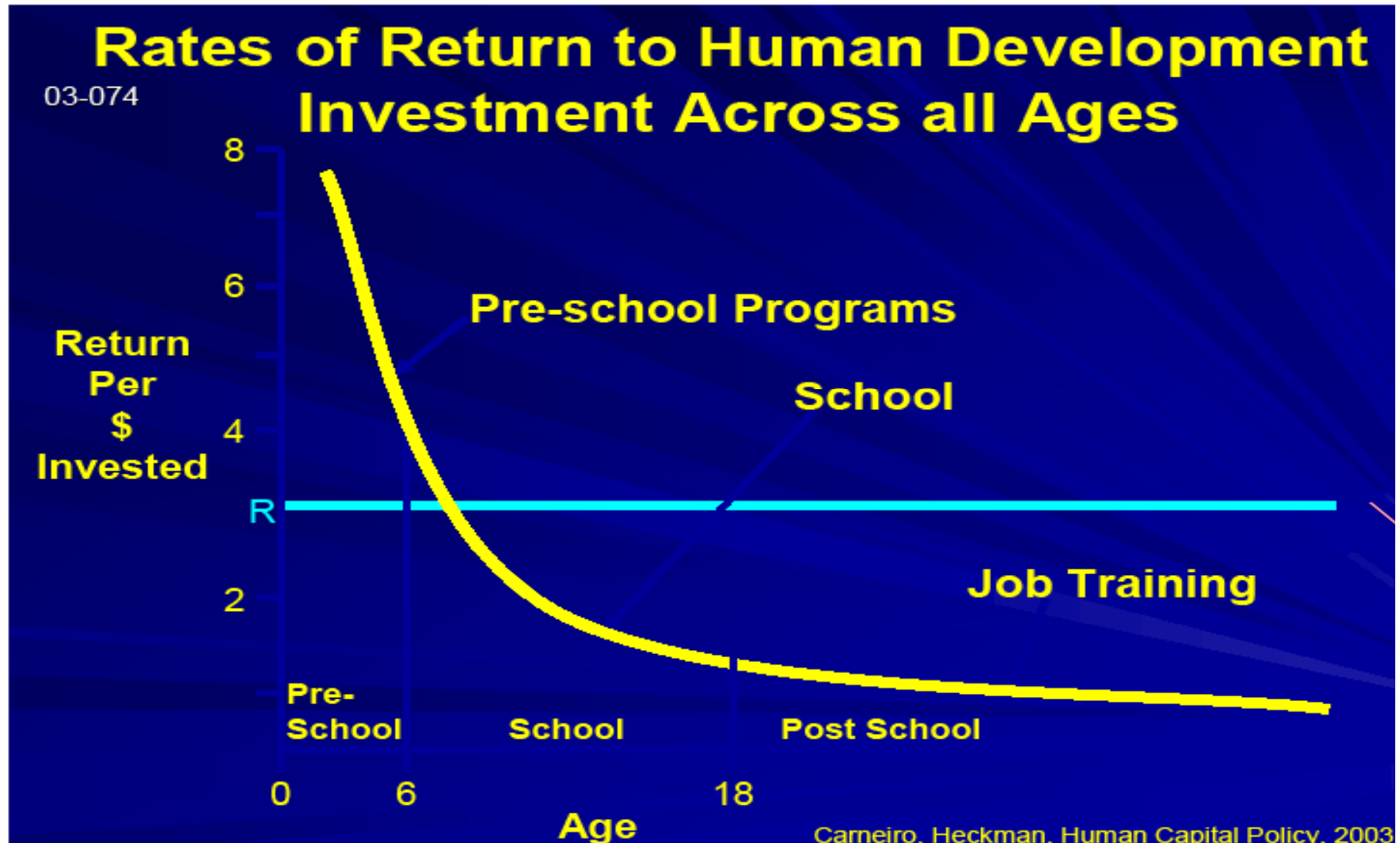
The case for, and levels of, investment

97-044

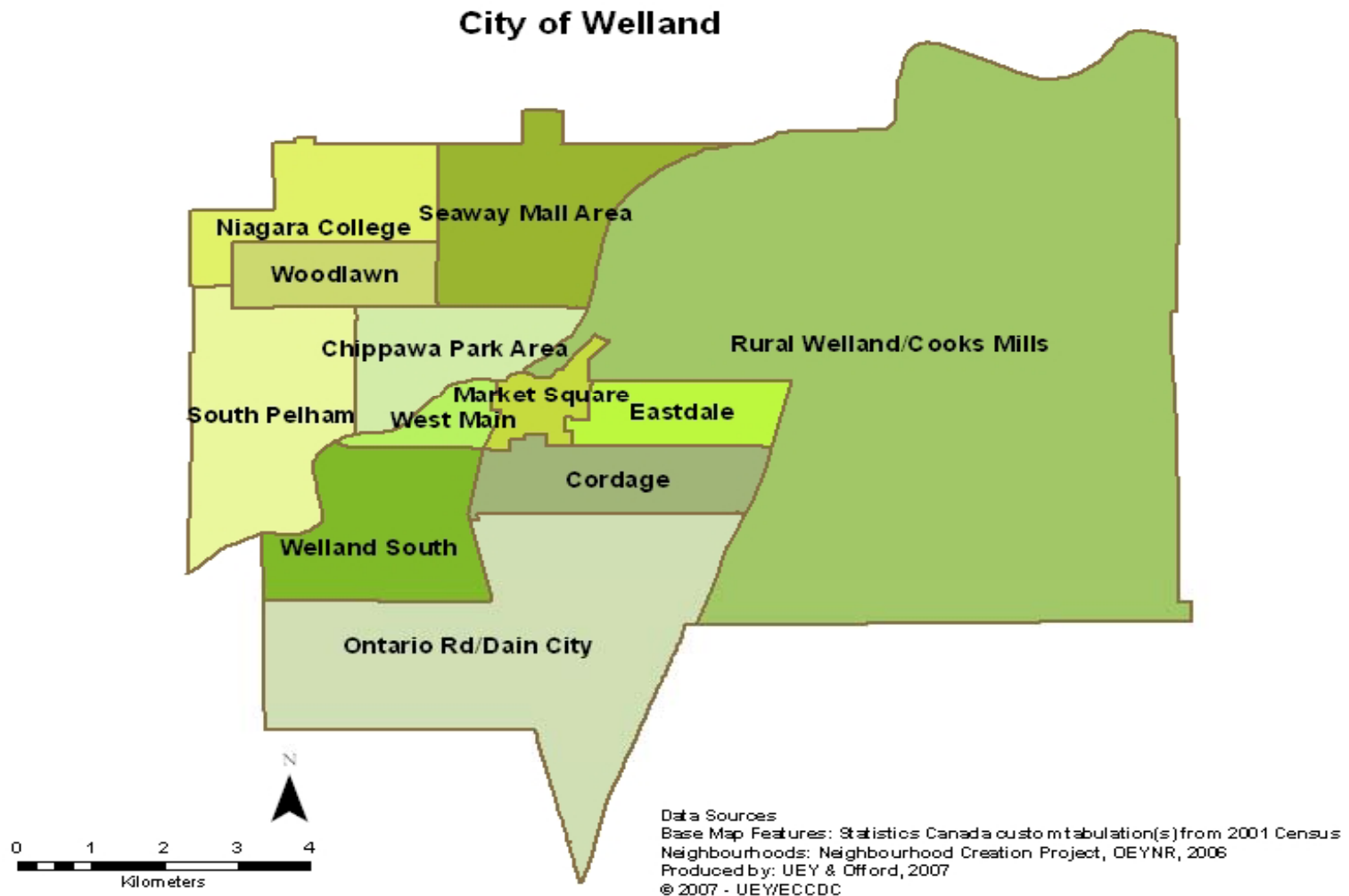
The Mismatch Between Opportunity and Investment



Makes good economic sense...

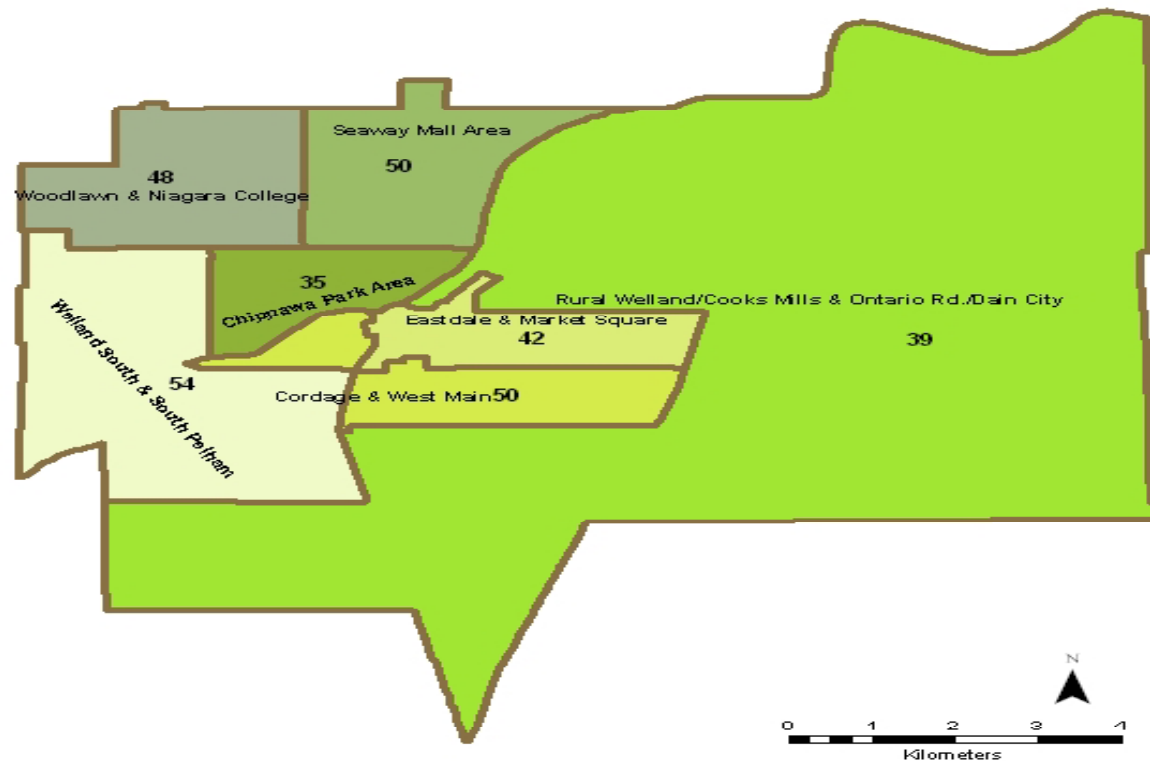


Welland Neighbourhoods



Amalgamated Neighbourhoods

**Distribution of EDI Sample in Welland
(Sample Size = 3,014)**



Data Sources:
EDI Data: UEY & Offord Centre for Child Studies, 2006
Base Map Features: Statistics Canada custom tabulation(s) from 2001 Census
Amalgamated Neighbourhoods: Ontario Early Years Niagara Region & UEY, 2007
Produced by: UEY & Offord, 2007
© 2007 - UEWECCDC

Readiness to Learn and Early Development Domains

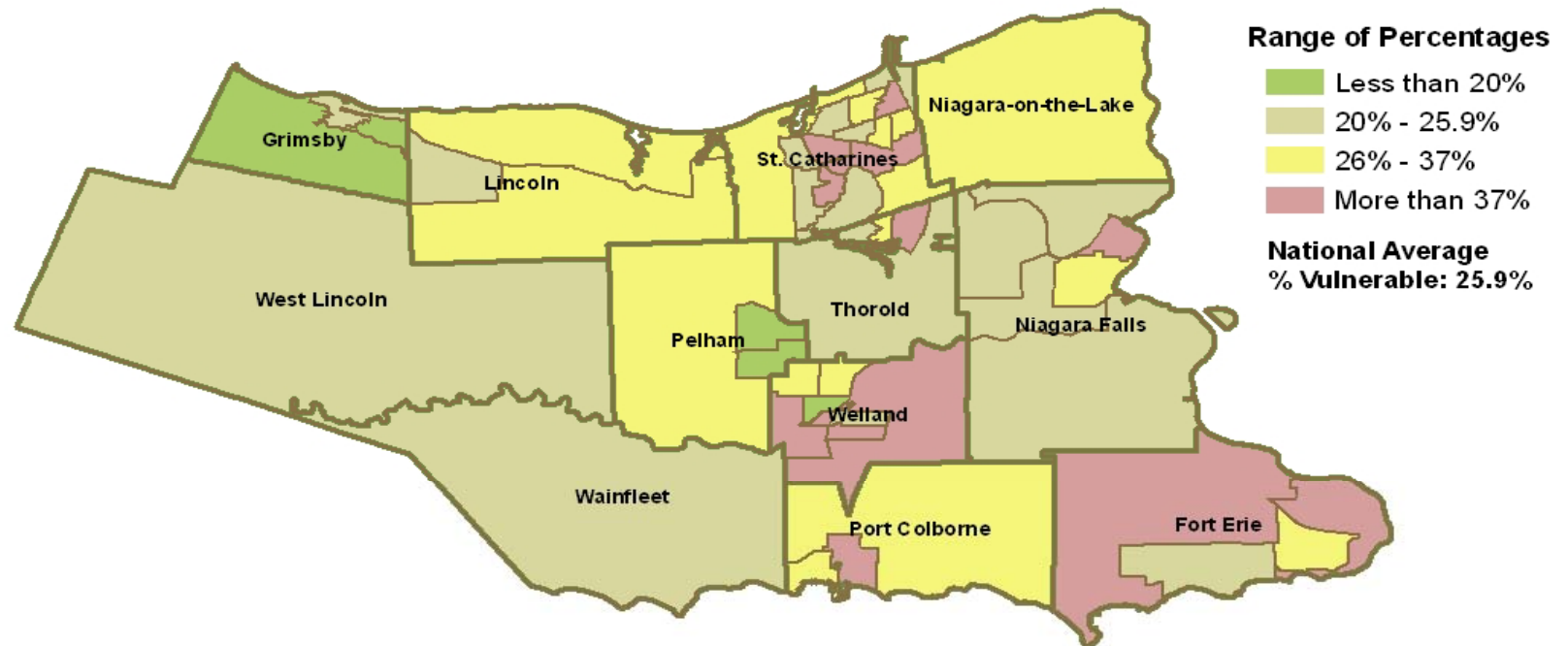
1. Physical Health & Well-being
2. Social Competence
3. Emotional Maturity
4. Language & Cognitive Development
5. Communication Skills & General Knowledge



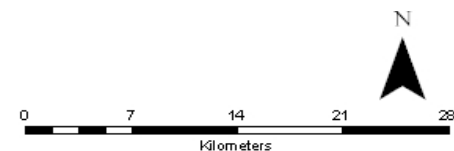
2006 Early Development Instrument (EDI)

% of Vulnerable Children by Neighbourhoods in Niagara Region

(Vulnerable: Children who scored below the 10th percentile on one or more readiness to learn domains)



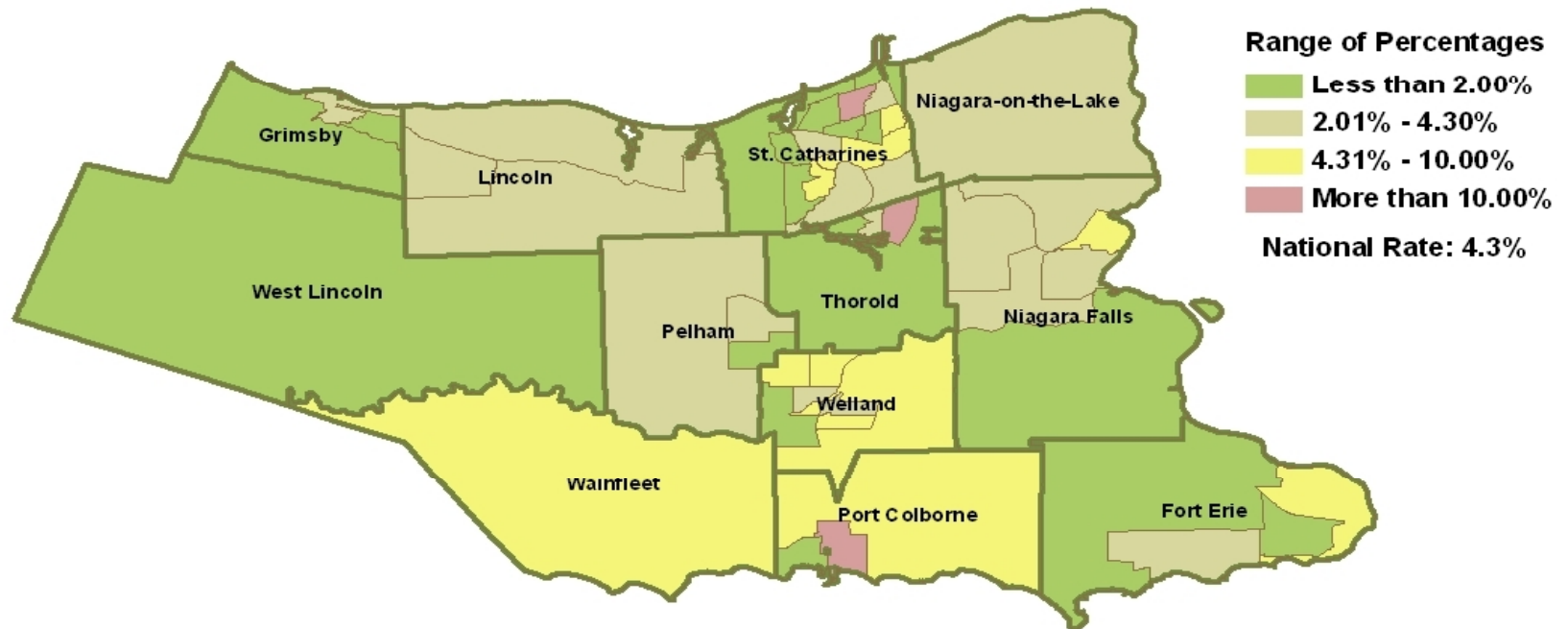
Data Sources:
EDI Data: UEY & Offord Centre for Child Studies, 2006
Base Map Features: Statistics Canada custom tabulation(s) from 2001 Census
Amalgamated Neighbourhoods: Ontario Early Years Niagara Region & UEY, 2007
Produced by: UEY & Offord, 2007
© 2007 - UEY/ECDC



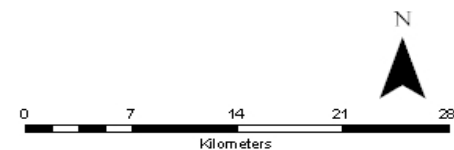
2006 EDI Results

% Low on 3 or More Domains in Niagara Region

(Multiple Challenges: Children who scored below the 10th percentile on 3 or more domains)



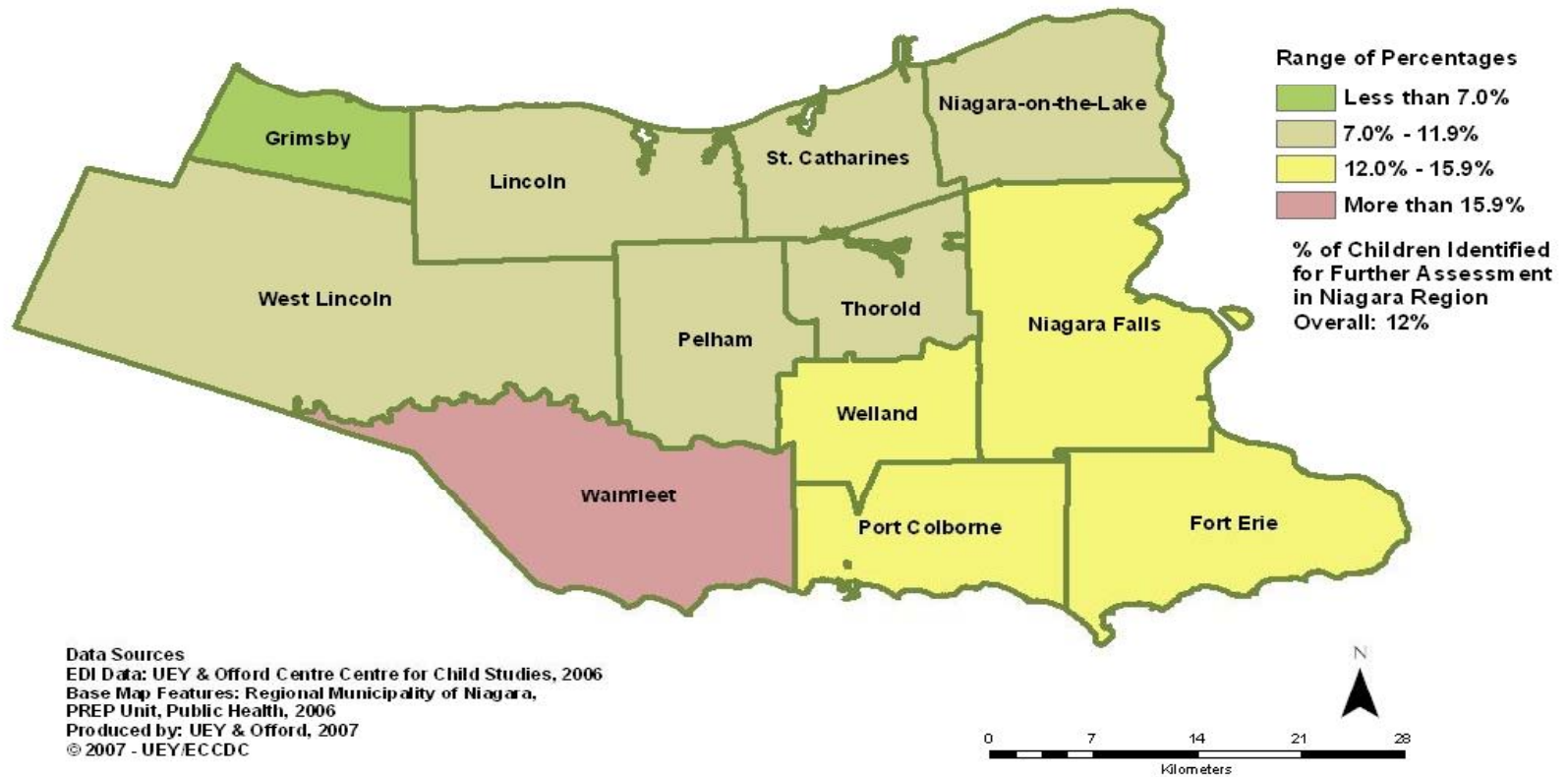
Data Sources
EDI Data: UEY & Offord Centre for Child Studies, 2006
Base Map Features: Regional Municipality of Niagara,
PREP Unit, Public Health, 2006
Amalgamated Neighbourhoods: UEY & Neighbourhood Creation Project, 2006/07
Produced by: UEY & Offord, 2007
© 2007 - UEY/ECDC



2006 EDI Results

% of Children Identified for Further Assessment in Niagara Region

(by Senior Kindergarten Teacher)



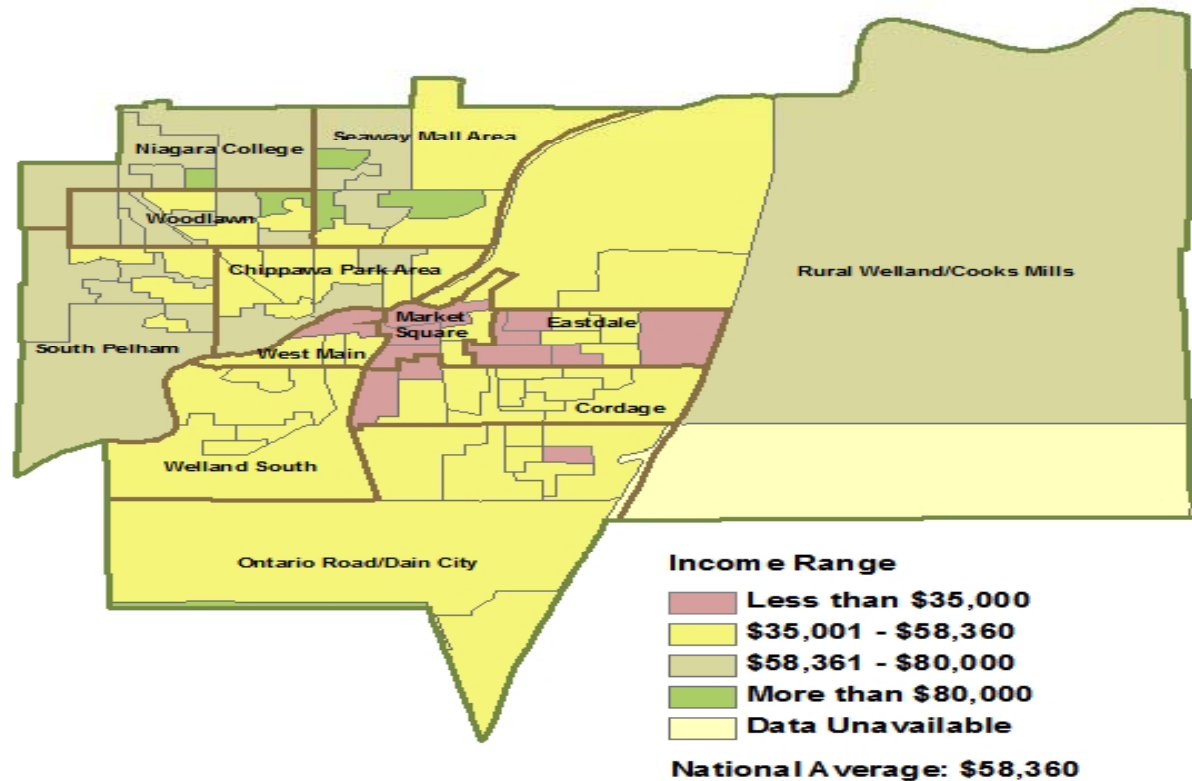
Factors Increasing Rates of Risk

• Child health (low)	2.35
• Gender (boy)	2.32
• Income (low)	2.02
• Family status (not intact)	1.83
• Age (younger half)	1.36

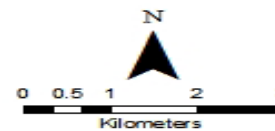
Source: Janus & Duku 2007

Welland 2001 Census Results

Average Household Income in Welland

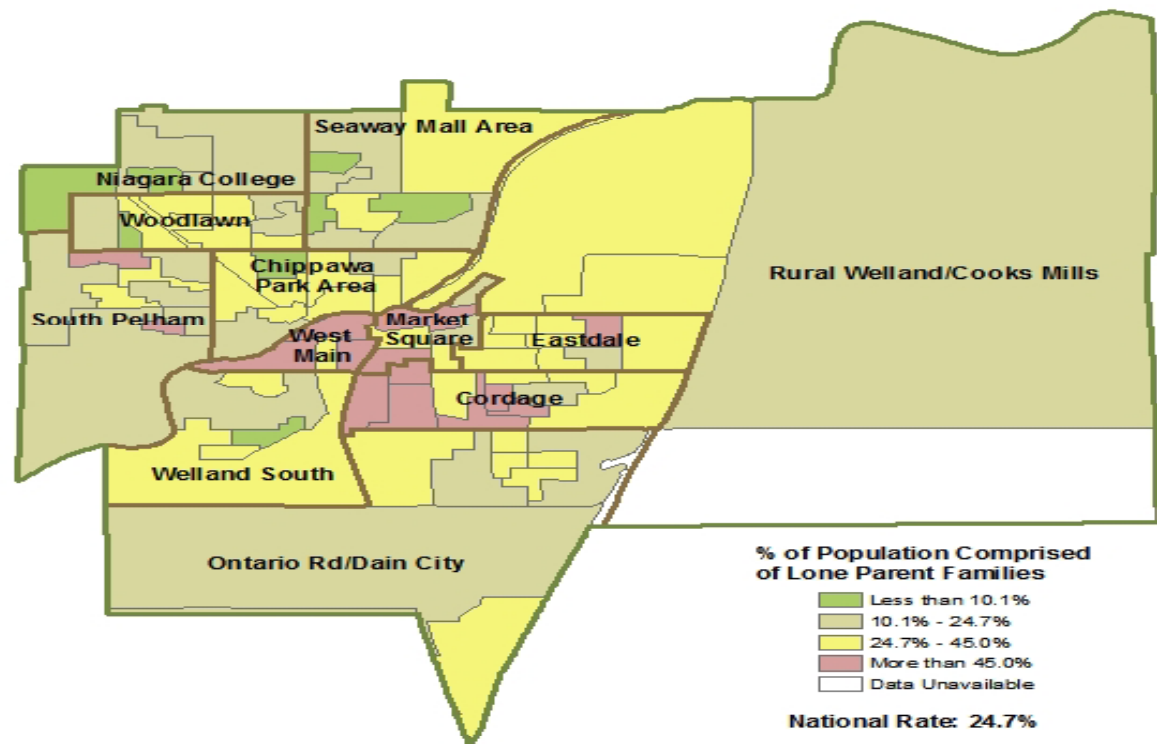


Data Sources:
Base map features: Statistics Canada custom tabulation(s) from 2001 Census
Neighborhoods: Neighborhood Creation Project, Ontario Early Years Niagara Region, 2006
Produced by: UÉY & Offord, 2007
© 2007 - UÉY/CCDC

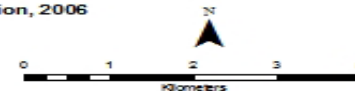


Welland 2001 Census Results

Family Structure in Welland

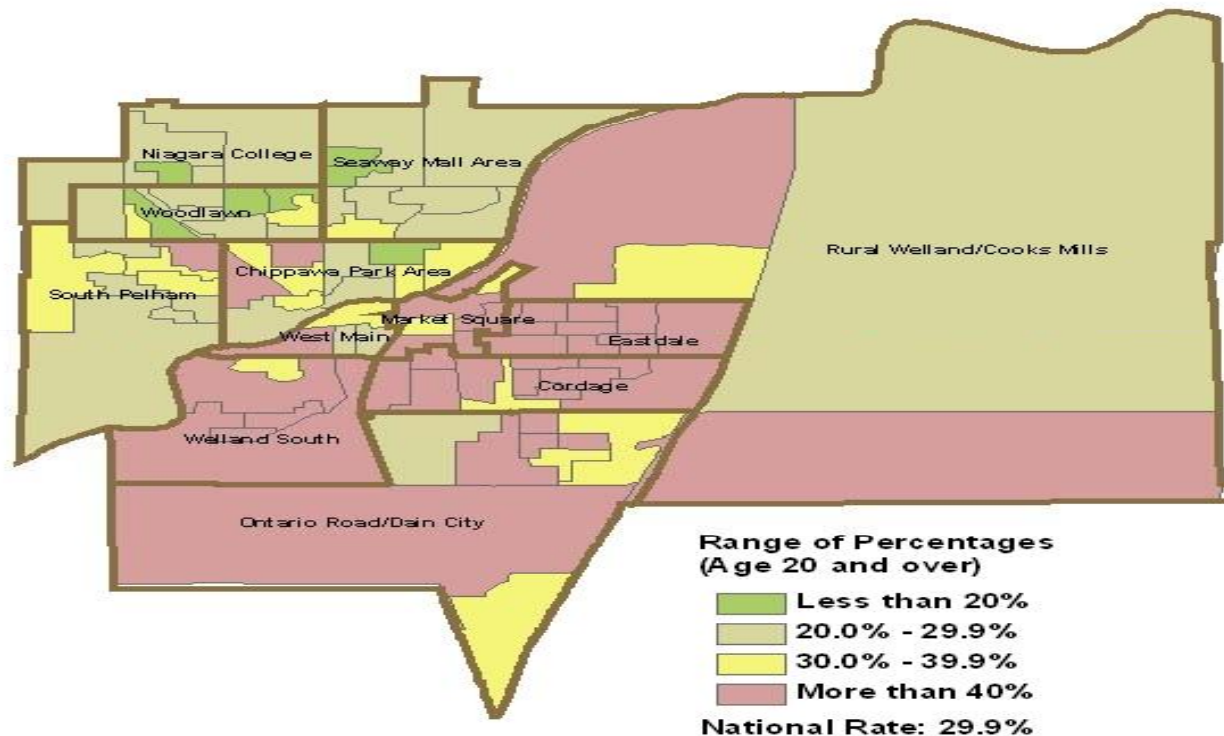


Data Sources:
Base map features: Statistics Canada custom tabulation(s) from 2001 Census
Neighbourhoods: Neighbourhood Creation Project, Ontario Early Years Niagara Region, 2006
Produced by: UEY & Offord, 2007
© 2007 - UEY/ECCDC

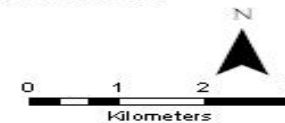


Welland 2001 Census Results

% of Welland Population without High School

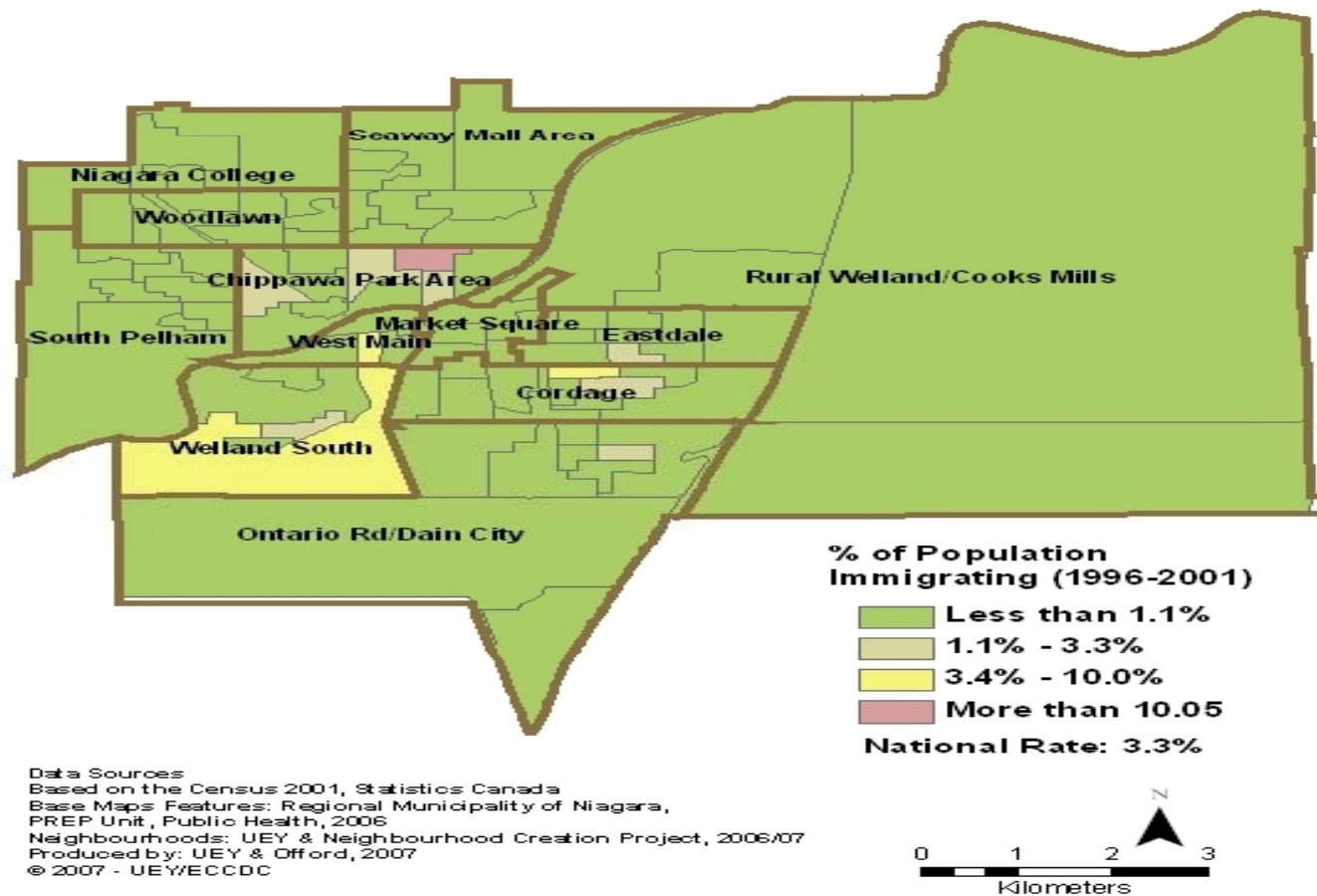


Data Sources:
Based on the Census 2001, Statistics Canada
Base Map Features: Regional Municipality of Niagara,
PREP Unit, Public Health, 2005
Neighborhoods: U.E.Y. & Neighborhood Creative Project, 2005/07
Produced by: U.E.Y. & Orford, 2007
© 2007 - U.E.Y./ECCDC



Welland 2001 Census Results

Immigration in Welland



In conclusion

- Almost 1 in 4 Welland children not ready for learning in school
- There seems to be a relationship between socioeconomic conditions and low scores on the EDI
- Poor (vulnerability) scores impact future success and, eventually, community health and prosperity
- Larger percentages of children living in poverty are vulnerable
- Neighbourhood makes a difference - not always in a predictable manner
- Access to resources is also important, particularly for those families experiencing socioeconomic challenges
- Low scores, differences and surprises can inspire further study and action

Next Steps

- To maximize ROI, consider investing in supports/services for families with children 0-6
- Use research and local knowledge to make evidence-based decisions and plans
- Identify additional neighbourhood factors affecting poor outcomes
- Examine resilience in neighbourhoods beating the odds in order to capitalize on what is already working
- Contact Glory to clarify questions or obtain more local information