

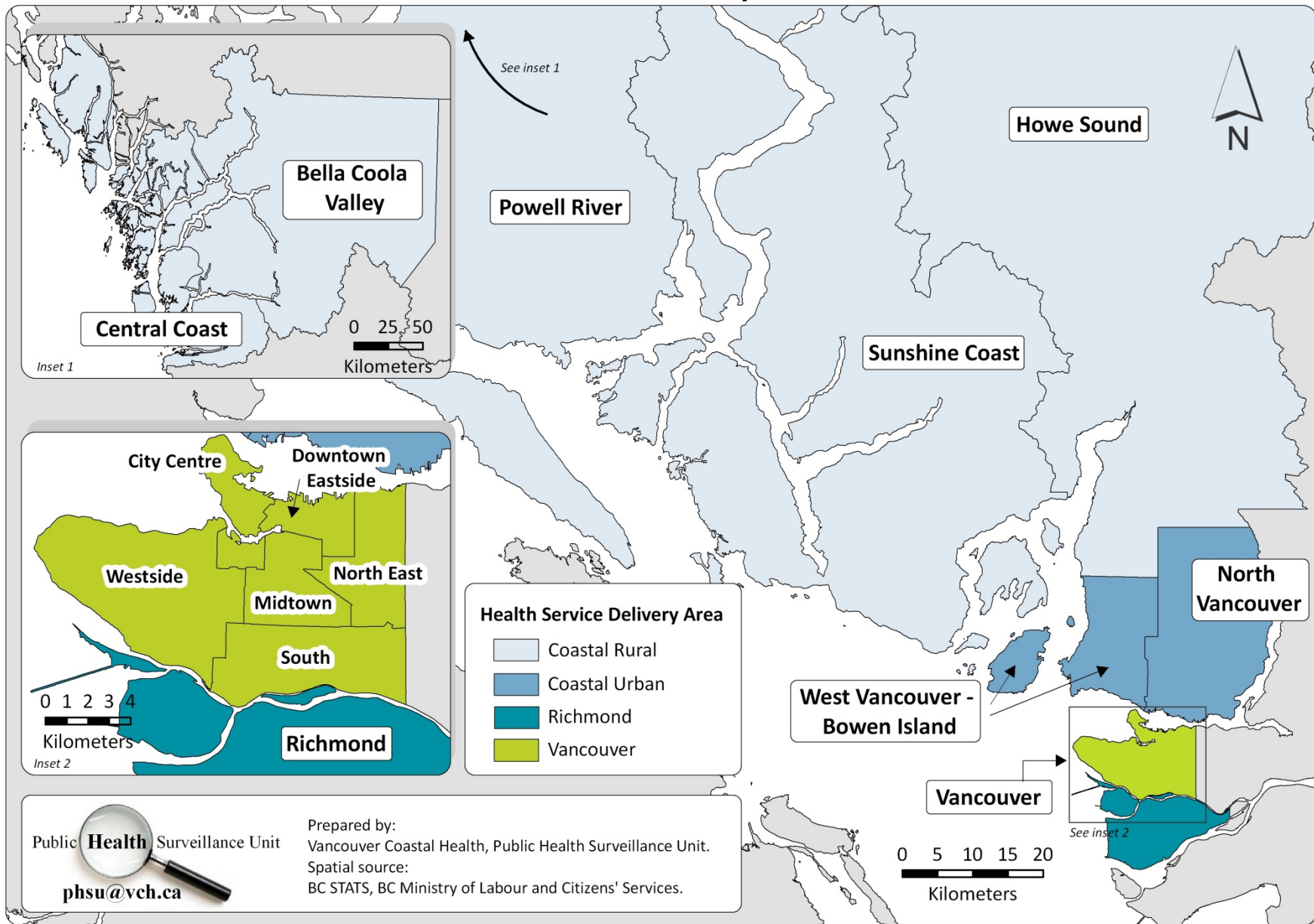


Improving & Sustaining Immunization Coverage of Kindergarten Age Children

Dr. Meena Dawar

30 Jan 2018

Vancouver Coastal Health Authority Health Service Delivery Areas and Local Health Areas



Public Health Surveillance Unit

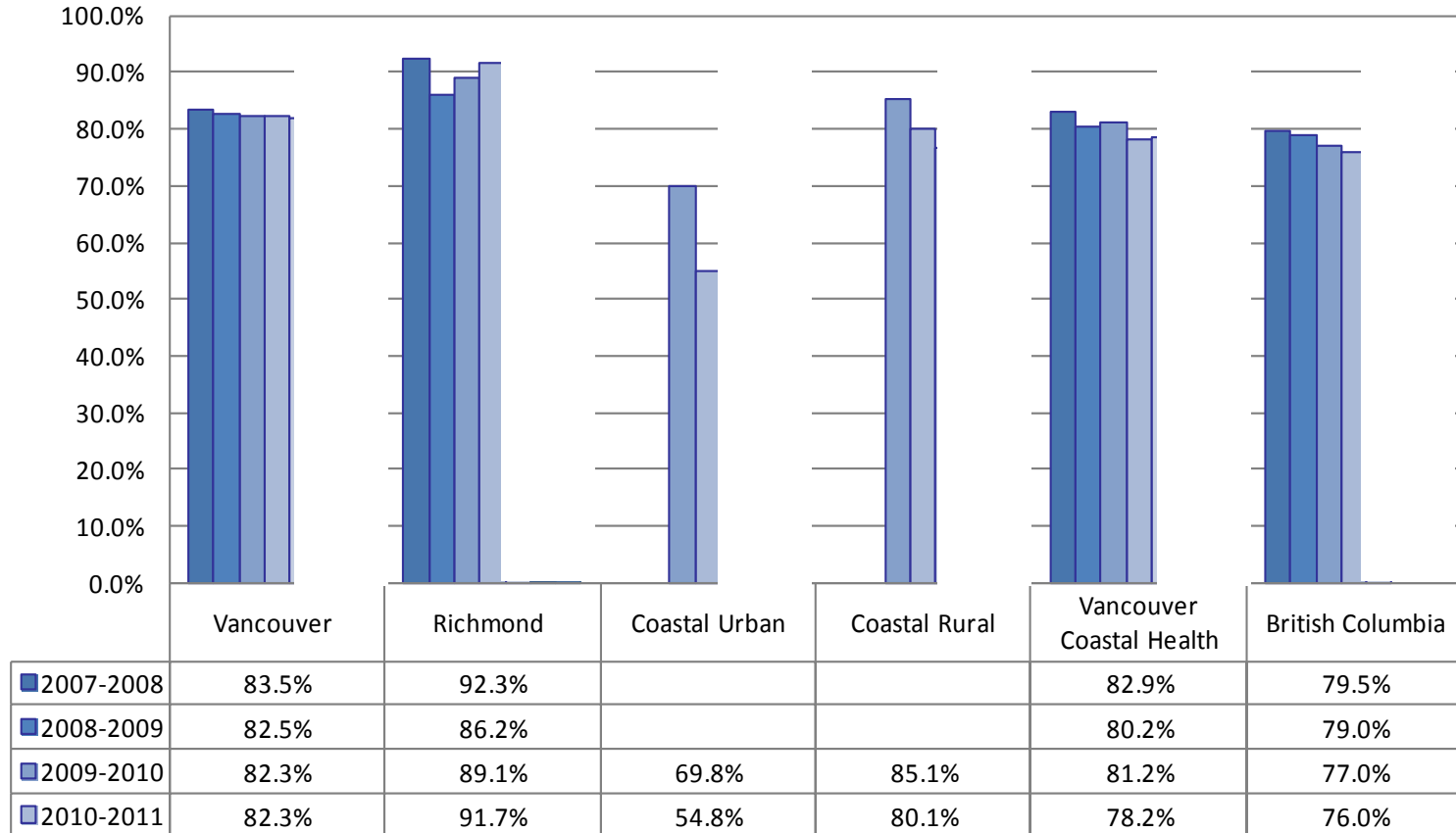
phsu@vch.ca

Prepared by:
Vancouver Coastal Health, Public Health Surveillance Unit.
Spatial source:
BC STATS, BC Ministry of Labour and Citizens' Services.

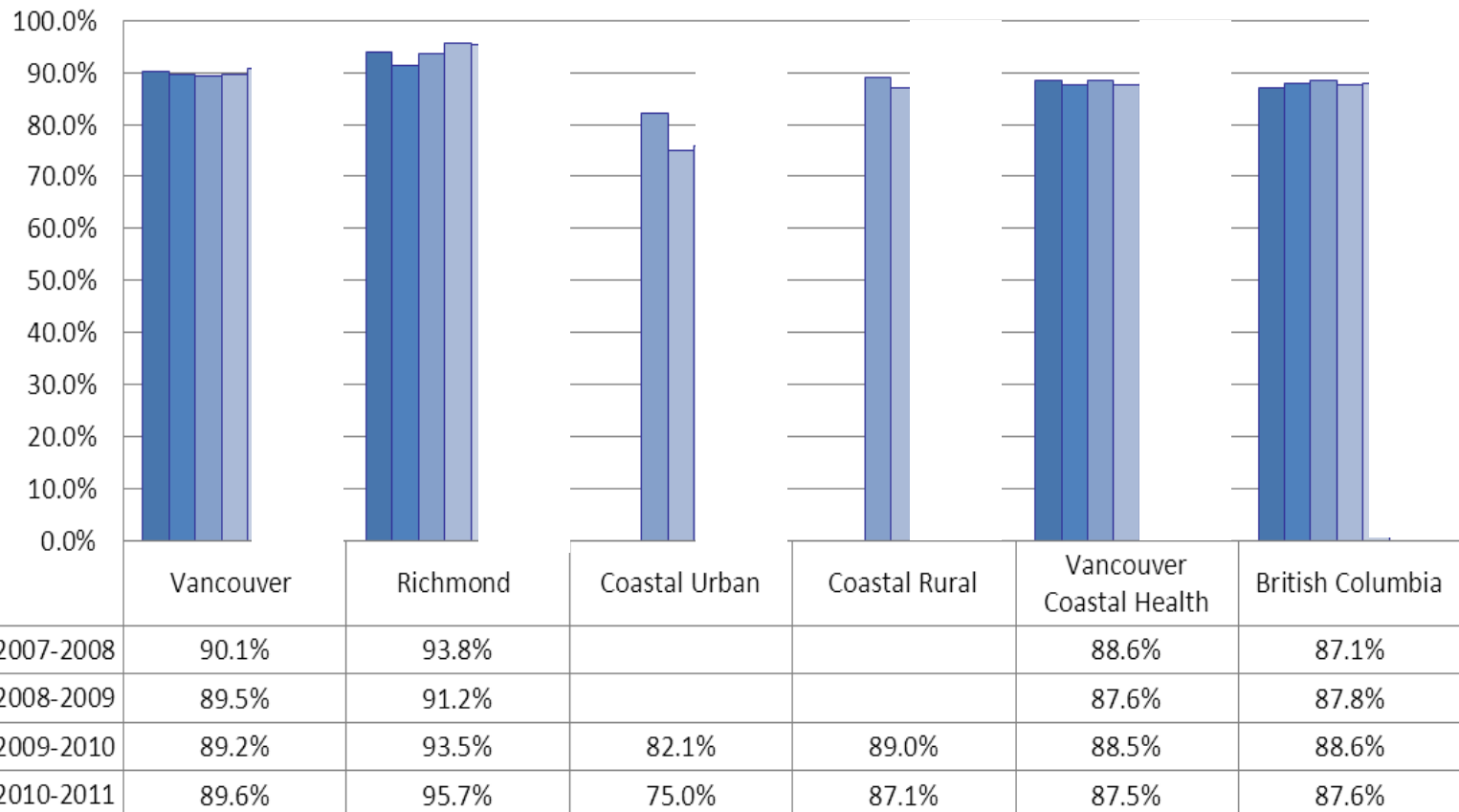
Our story

- Evolution from four distinct health departments to a health authority
- Creation of Regional Immunization Committee in Fall 2011
 - Standardize practice in all areas
 - Support launch of new programs
 - Rotavirus
 - Varicella dose 2 at K entry (Increase in routine imms at K entry from one shot to two)
 - Improve K coverage

K DaPTP Coverage in fall 2011



K 2-Dose MMR Coverage in Fall 2011



Kindergarten Entry

A Key Immunization and Health Promotion Opportunity

- First opportunity to interact with ALL children within our health authority
- Review immunization history
 - offer completion of incomplete series
- Provide routine vaccines for age: DaPTP and V
 - Boost protection from infant vaccines to protect through early school years

Activities to Improve Coverage

Promotion

Communications plan: Community champions, K imms webpages, posters, brochures, Media +++++, social media, physicians updates

Surveillance

Annual coverage analysis, transitioned to new Public Health Surveillance Unit

- Coverage for each school – mid year and end year
- School level data posted publicly

Activities in our geographic administrative areas

	CR	CU	R	V
Reminders to families				
Phone calls	✓	✓		✓
Immunization notices	✓	✓	✓	✓
Immunization Clinics				
Booked appointments during the day	✓	✓	✓	✓
Drop-in	✓	✓		✓
Evening		✓	✓	
Weekend	K fair	✓		✓ (summer)
In school – no parents		Pilot 14-15	✓	✓
In school – with parents	✓			

National Targets are aimed at age 7, message for K boosters: ages 4-6 years. This is inconsistent with program delivery in K.



Protect your child before starting kindergarten- Get their K-entry vaccines

Children need booster vaccines starting at age 4 – before they go to kindergarten.

Protect them against Tetanus, Diphtheria, Pertussis (whooping cough), Polio & Chicken Pox.

Call your local health centre to book an appointment today.

North & West Vancouver
604.983.6700

Squamish
604.892.2293 OR
1.877.892.2231

Whistler
604.932.3202

Pemberton
604.894.6939

Gibsons
604.886.5600

Sechelt
604.885.5164

Pender Harbor
604.883.2764

Powell River
604.485.3310

Bella Bella
250.957.2308
ext 229

Bella Coola
250.799.5722



Vancouver Coastal Health
Promoting wellness. Ensuring care.

Is Your Child Starting Kindergarten?

ARE YOUR CHILD'S
IMMUNIZATIONS
UP TO DATE?



READ AND
LEARN ABOUT:

- Kindergarten booster vaccines starting at age 4
- Where to get immunized for Kindergarten
- Why immunization records are important
- Who to call for questions



Community Champions



*Hi. I'm Andrew.
I need your help.*

I'm 15 years old and have survived cancer, had a heart transplant and have a rare autoimmune disease. My medication makes me susceptible to complications, even death, if I'm around people with illnesses like measles & whooping cough.

Please have your child immunized – it protects your child, and people like me.

PARENTS: Just two free vaccines protect your child against whooping cough, polio, measles, mumps, rubella, chicken pox, tetanus, and diphtheria.

Recommended for children starting at age 4 – before entering kindergarten in the fall.

Book an appointment at your nearest community health centre.

www.vch.ca/kindergarten-vaccines



10 days in the ICU. He almost died.



Yet it was preventable.

While having chemotherapy for leukemia, Beckett (at right) got chicken pox from an unvaccinated child at school.

Getting vaccinated protects you & everyone around you. Boost your child's protection against whooping cough, chicken pox, tetanus, diphtheria & polio. **Recommended for children starting at age 4 – before they go to kindergarten.**

Book an appointment today at your local health centre.

Evergreen
3425 Crowley Dr
604.872.2511

Robert & Lily Lee Family
1669 E Broadway
604.675.3980

Three Bridges
1290 Hornby St
604.736.9844

Pacific Spirit
2110 W 43 Ave
604.261.6366

South
6405 Knight St
604.321.6151

Richmond
8100 Granville
604.233.3150

Raven Song
2450 Ontario St
604.709.6400

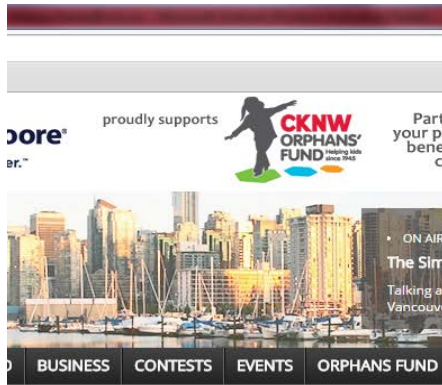
North & West Vancouver
604.983.6700



For Immediate Release | Aug. 7, 2012

Get your child protected for kindergarten: Vaccinate now, before school starts

VANCOUVER, BC – Vancouver Coastal Health (VCH) is reminding all parents of children starting kindergarten this September to make sure that their vaccinations are up-to-date before schools open their doors.



North Van mother says unvaccinated kids put her son at risk

Vancouver, BC, Canada / (CKNW AM) AM980
Shelby Thom
May 28, 2015 09:54 pm



"We've done everything to protect him, but we need help from everybody else."

A North Vancouver mother is urging parents to get their kids vaccinated, in an effort to protect her son, and other children with organ transplants.

Shannon Westerlund says her 14-year-old son Andrew has

survived
autoimm
shot.

Wester
won't g

"I don't
there n

people protected."

At the school he attends, the vaccination rate among g

"I saw the rate, I had to just turn away from them and badly, they are certainly not what we need them to be

Westerlund says there are 300 other kids like Andrew



Physicians' Update

March 20, 2013
From the Office of the Chief Medical Health Officer

For Immediate Release | May 15, 2014

Dad urges parents to vaccinate kids after son nearly dies from chicken pox

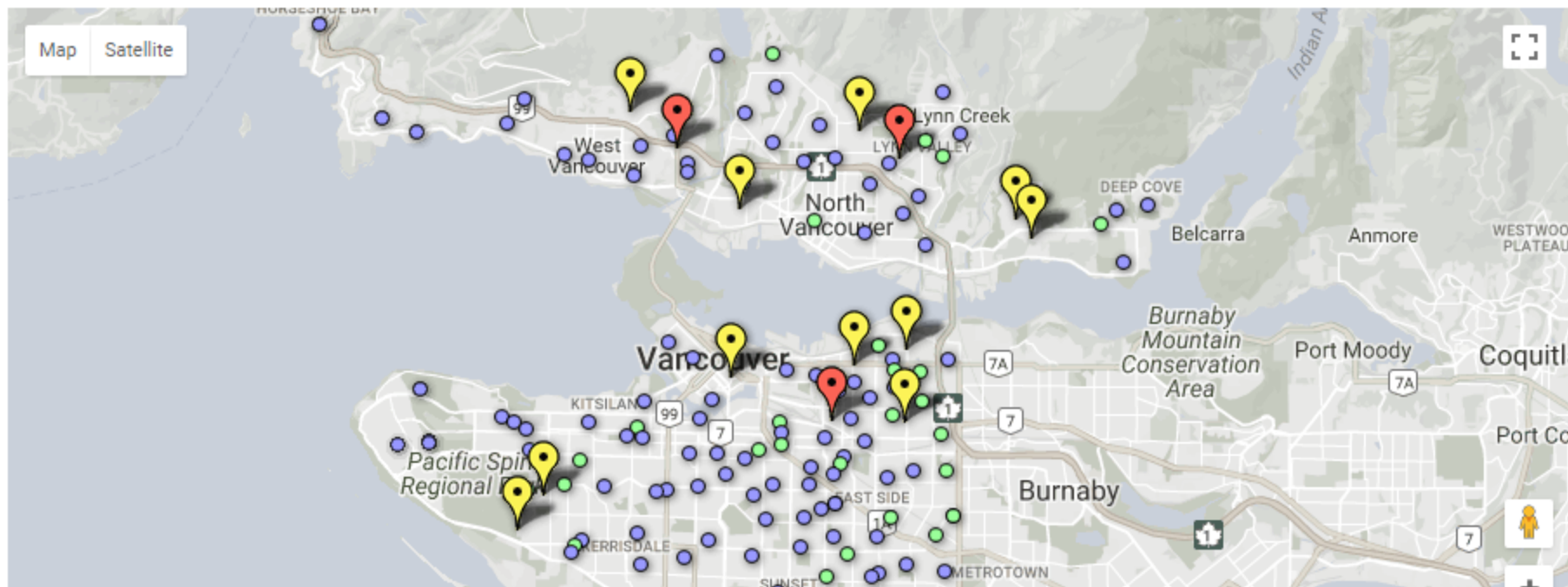
Which Vancouver-area schools have the lowest measles vaccination rate?

Vancouver Coastal Health releases latest vaccination figures

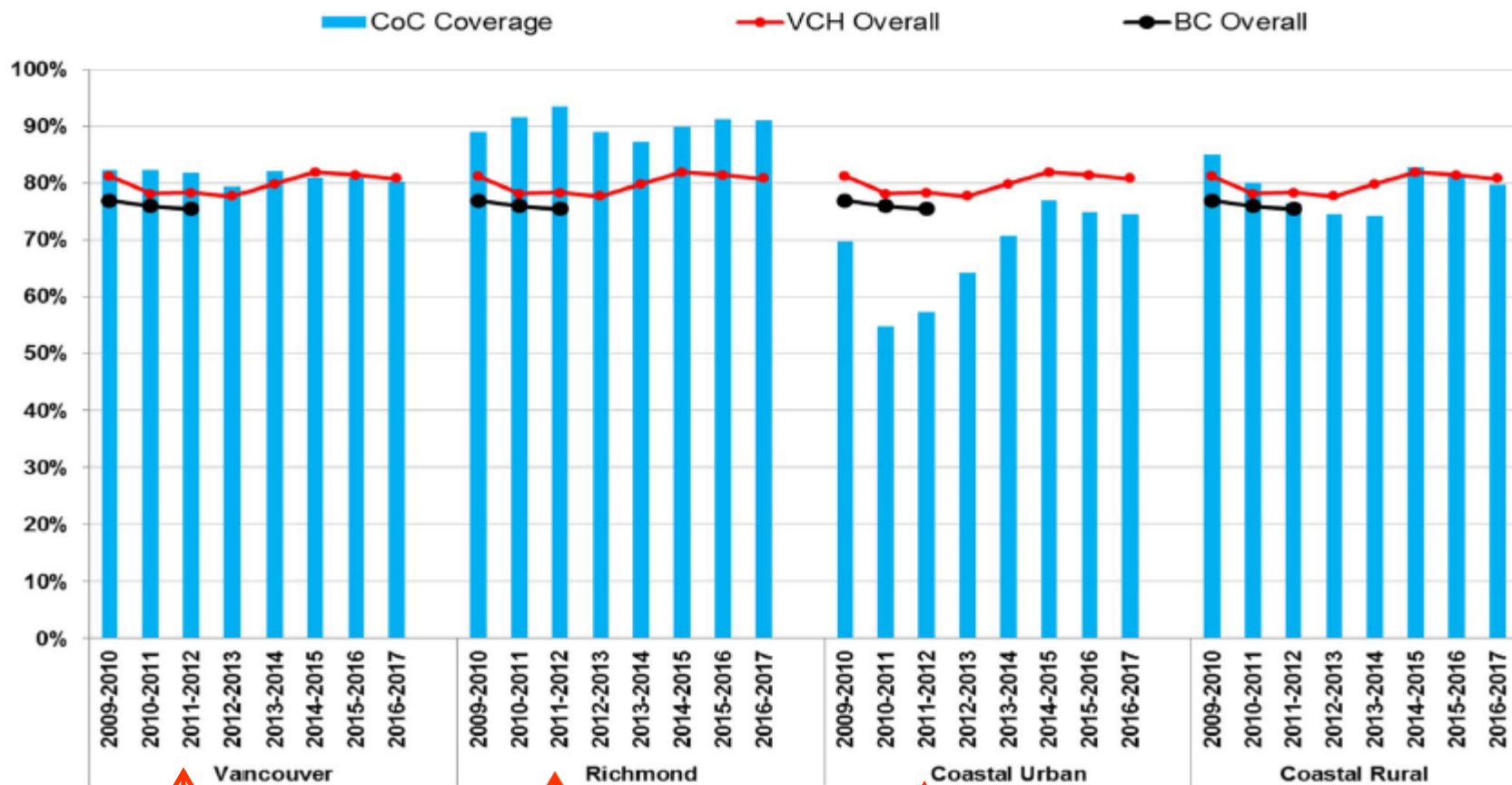
By Tamara Baluja, CBC News | Posted: Apr 28, 2015 6:17 AM PT | Last Updated: May 04, 2015 12:45 PM PT



Explore the map to see which schools that report to the Vancouver Coastal Health authority are above and below the 95 per cent herd immunity level for measles vaccination rates.

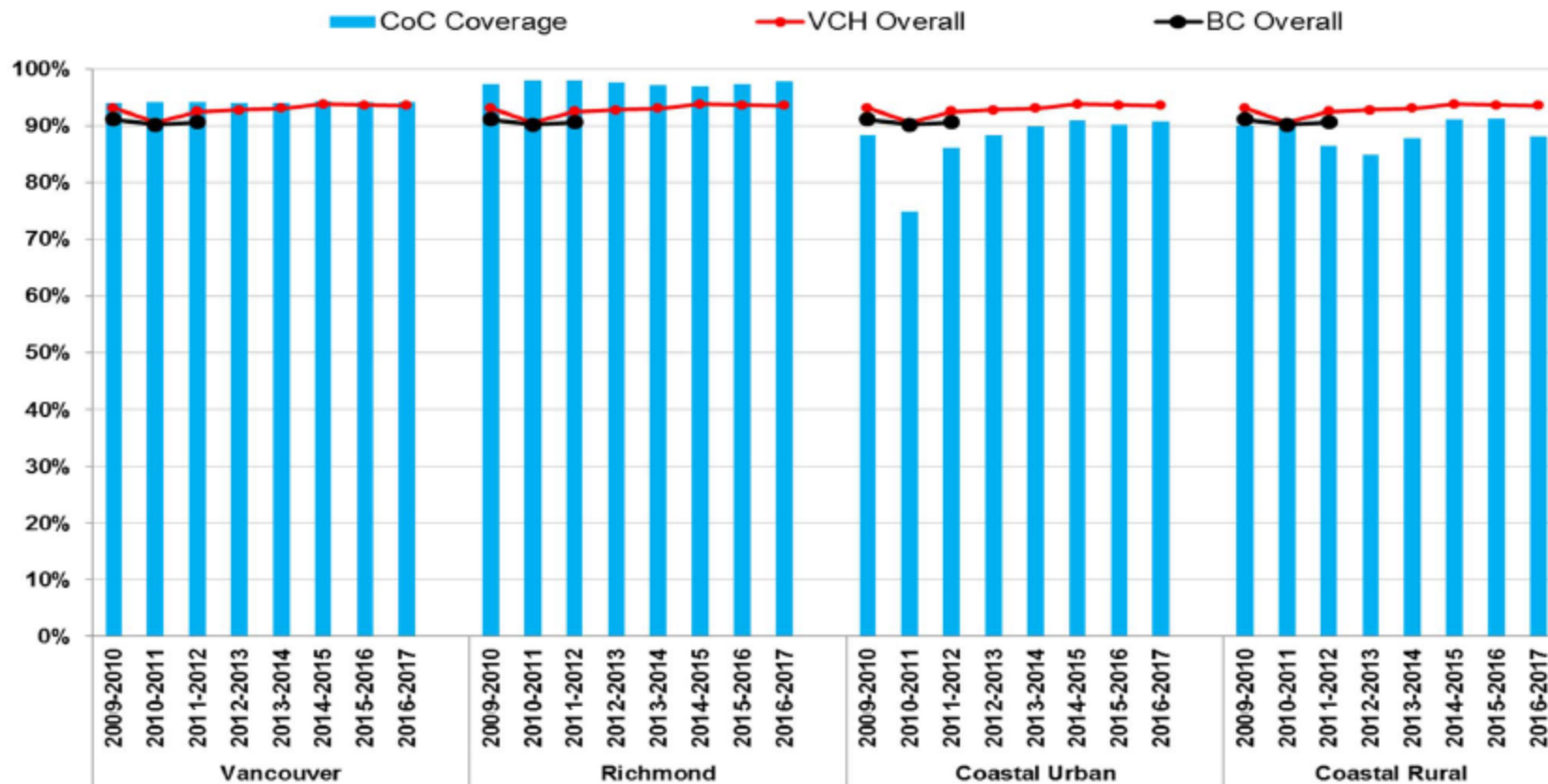


TDaP -Polio Vaccine Coverage among Kindergarteners by CoCs Vancouver Coastal Health, 2009/2010 - 2016/2017 Academic Year



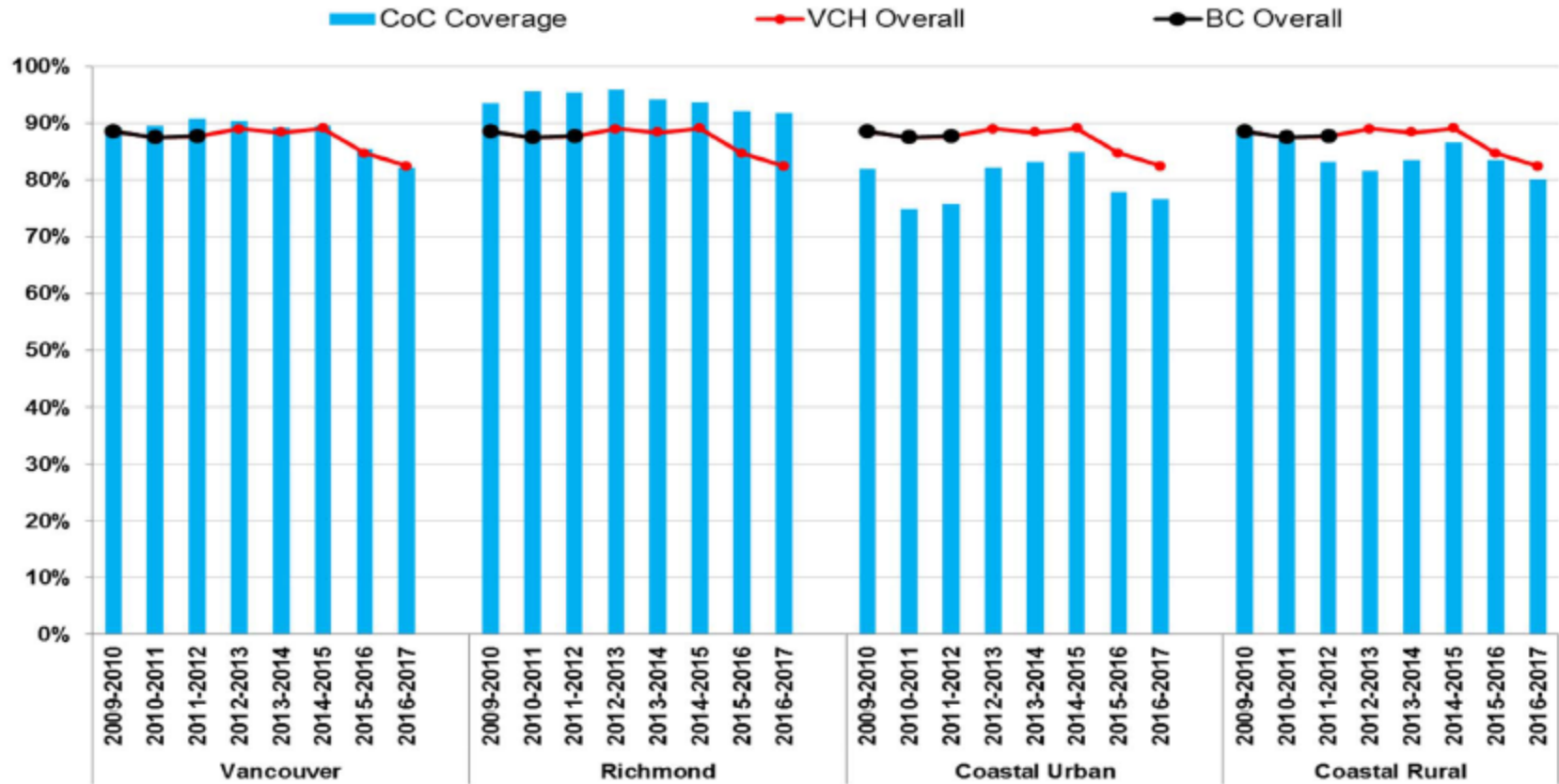
Data source: VCH Primary Access Regional Information System
 Prepared by: Public Health Surveillance Unit, Vancouver Coastal Health, November 2017

Rubella Vaccine Coverage among Kindergarteners by CoCs Vancouver Coastal Health, 2009/2010 - 2016/2017 Academic Year



Data source: VCH Primary Access Regional Information System
 Prepared by: Public Health Surveillance Unit, Vancouver Coastal Health, November 2017

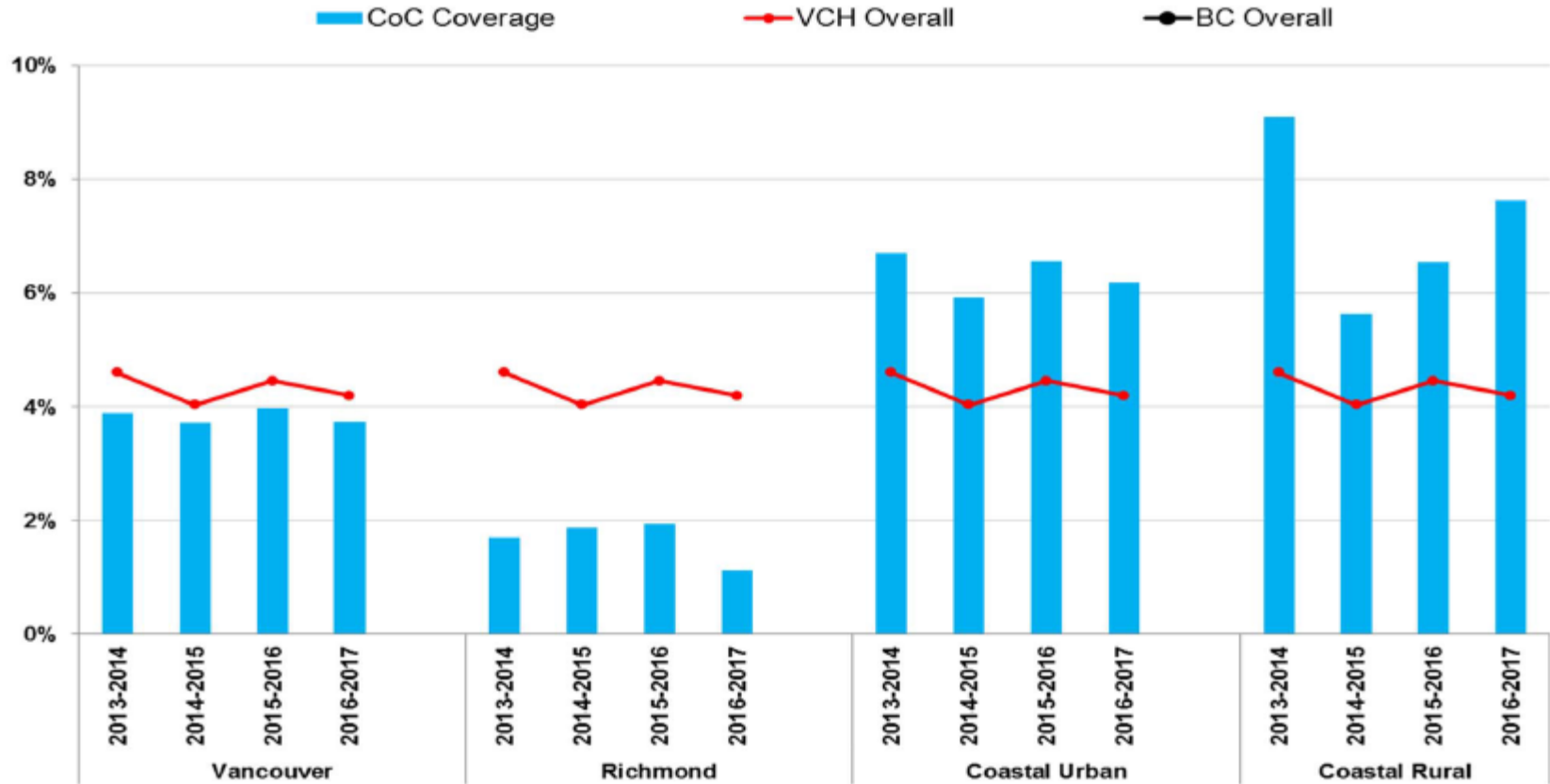
Measles Vaccine Coverage among Kindergarteners by CoCs Vancouver Coastal Health, 2009/2010 - 2016/2017 Academic Year



Data source: VCH Primary Access Regional Information System

Prepared by: Public Health Surveillance Unit, Vancouver Coastal Health, November 2017

Zero Dose among Kindergarteners by CoCs Vancouver Coastal Health, 2013/2014 - 2016/2017 Academic Year



Data source: VCH Primary Access Regional Information System
 Prepared by: Public Health Surveillance Unit, Vancouver Coastal Health, November 2017

Conclusions

- Improved immunization rates by addressing service delivery
 - Immunize K students in schools
 - Consistency of practice via minimum service standards
- Rates improved – but appear to have reached a threshold for DaPTP
 - Selective vaccine acceptance
 - Program changes require monitoring

Acknowledgements

- Data: VCH Public Health Surveillance Unit
- Immunization Leadership:
 - VCH Regional Immunization Committee
 - VCH Regional Public Health Program Committee
- People who make it all happen: Program support staff, nurses, immunization nursing leaders, managers