



Bike Cochrane

Bike to School Survey Analysis

Summer 2021

Background

- Bike Cochrane commissioned a survey of parents of students in Cochrane in May-June 2021 to help with 2021 'Bike To School' campaign
- Survey went out directly to principals of all schools in Cochrane, along with to our social media, and newspapers too
- N=269
- Prize draw of \$40 Cochrane Dollars may have helped stimulate responses



Bike to School Survey



One Motivation for Kids Biking to School

- One 2012 Danish survey looked at nearly **20,000 Danish kids** between the ages of 5 and 19. It found that **kids who cycled or walked to school, rather than traveling by car or public transportation, performed measurably better on tasks demanding concentration, such as solving puzzles, and that the effects lasted for up to four hours after they got to school** (more than ensuring that they ate breakfast)



Effectiveness of active school transport interventions: a systematic review and update

Richard Larouche, George Mammen, David A. Rowe & Guy Faulkner 

BMC Public Health 18, Article number: 206 (2018) | [Cite this article](#)

Consistent evidence shows that children and adolescents who engage in active school transport (AST) are more physically active than those who travel by motorized vehicles [1, 2]. Cycling to and from school can also increase cardiovascular fitness [1] and is associated with a better cardiometabolic health profile [3]. At the population level, replacing motorized travel by AST could reduce exhaust and greenhouse gas emissions [4, 5]. Additional benefits of AST include positive emotions during the school trip [6], better way-finding skills [7] and superior school grades [8].

1. Larouche R, Saunders TJ, Faulkner GEJ, Colley RC, Tremblay MS. Associations between active school transport and physical activity, body composition and cardiovascular fitness: a systematic review of 68 studies. *J Phys Act Health*. 2014;11(1):206–27.
2. Schoeppe S, Duncan MJ, Badland H, Oliver M, Curtis C. Associations of children's independent mobility and active travel with physical activity, sedentary behaviour, and weight status: a systematic review. *J Sci Med Sport*. 2013;16(4):312–9.

funding from the US government [14]. Recent analyses concluded that New York City's SRTS program led to a 33-44% reduction in injuries among school-aged children and the program was cost-effective even when disregarding any potential benefits related to increased physical activity and decreased congestion and pollution [15, 16]. In other jurisdictions, school travel plans (STP) have been



Programmes combining infrastructure changes and
Two large SRTS interventions found that interventions including both educational activities and infrastructure changes resulted in greater increases in AST than interventions using only one of these strategies [42, 43]. These results are consistent with social-ecological models that posit that behavior is determined by multiple levels of influence including individual, interpersonal, community, policy and built environment factors [52, 53].



Active transportation to school is a win-win situation

- Kids **concentrate** better
- They are more **active**
- It is **cost effective**
- And parents in Cochrane **want** their kids to be able to do so



Bike Cochrane Schools Survey 2021

Aimed to capture both broad and deep insight into who is and isn't using active transport for school commute, motivations and barriers.

Distributed by schools to students and parents. Also publicized in local papers and social media.

269 responses

Which school do you attend?

Which grade are you in?

What neighbourhood do you live in?

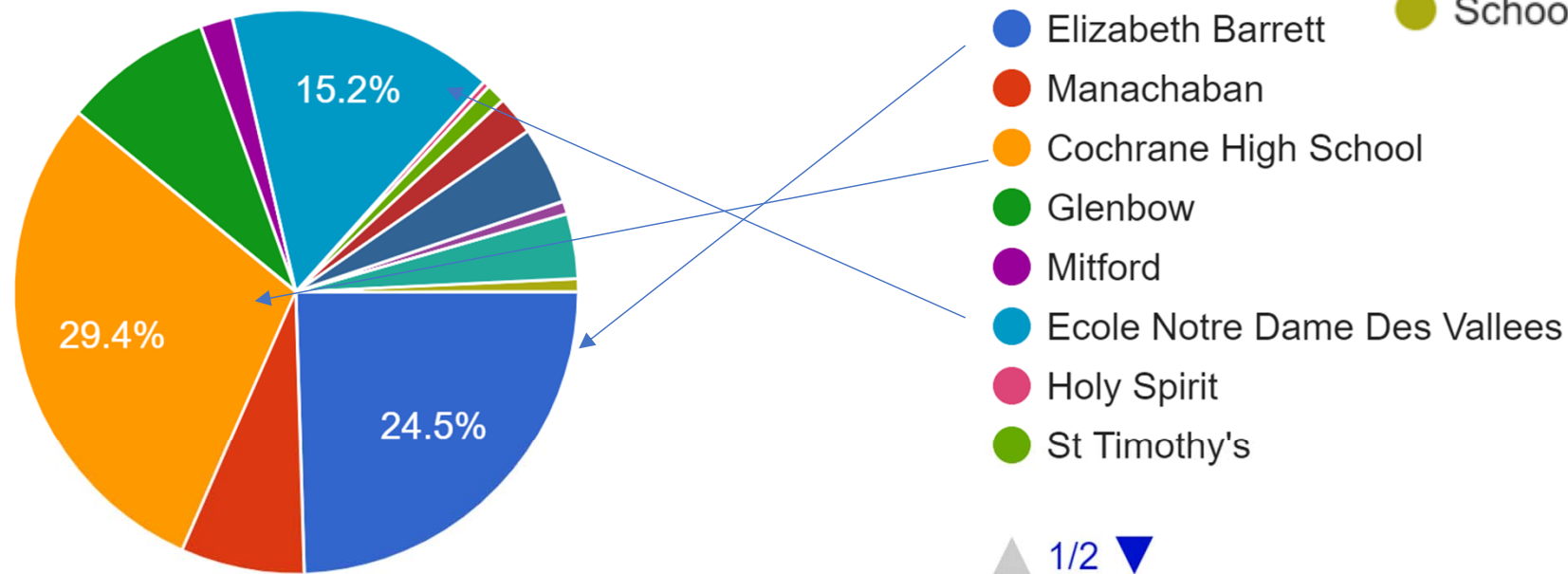
Demographics questions



Which school do you attend?

Which school do you attend?

269 responses



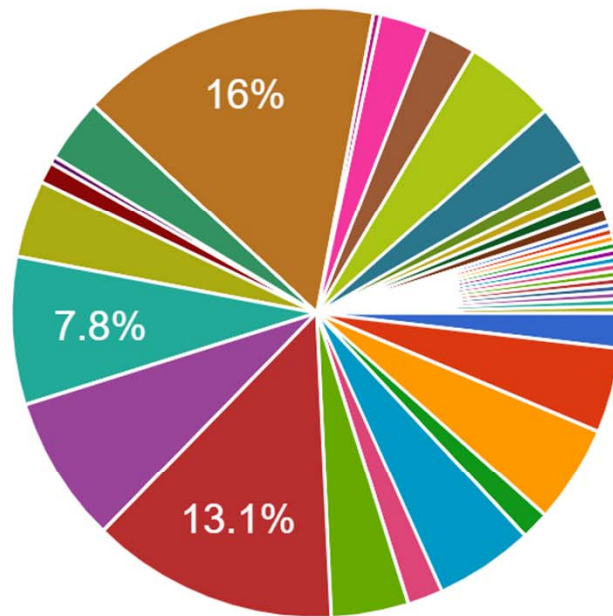
Top three responding schools – Elizabeth Barrett, Cochrane High, and Ecole Notre Dame Des Vallees



What neighbourhood do you live in?

What neighbourhood do you live in?

268 responses



- Bow Meadows
- Bow Ridge
- Cochrane Heights
- Cochrane Lake
- Downtown
- East End
- Fireside
- Glenbow
- Blue Ridge
- Ghost Lake
- Calgary
- The retreat road
- Monterra
- South of cochrane
- Sunterra
- Montenaro Bay
- On a farm
- View ridge estates
- Rural area
- Watermark
- GlenEagles
- Greystone
- Heartland
- Heritage Hills
- Jumping Pound Ridge
- Precedence
- Rivercrest
- Riversong
- Riviera
- Riverview
- Rolling Range Estates
- Southbow Landing
- Sunset Ridge
- Towers Trail
- The Willows
- West Pointe
- West Terrace
- West Valley
- Bearspaw
- Monterra
- Rocky View County
- Bears paw
- Sunterra ridge
- Mount View Bay (near Montara)

▲ 1/6 ▼

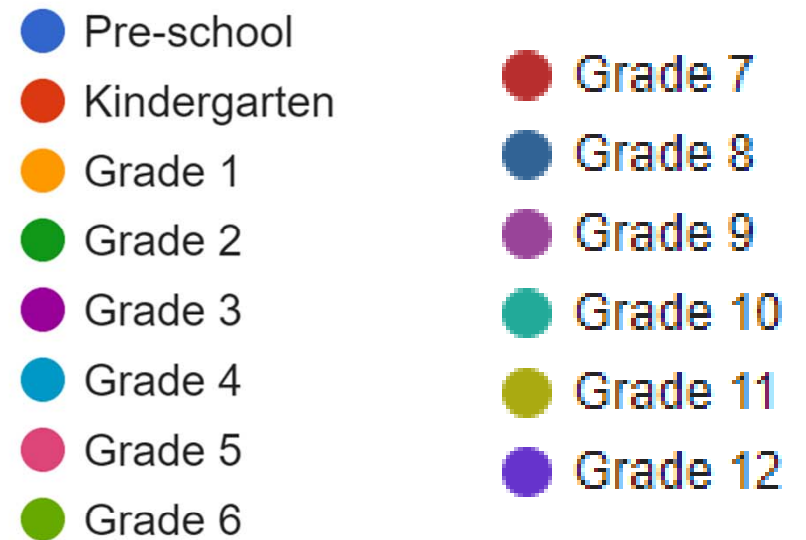
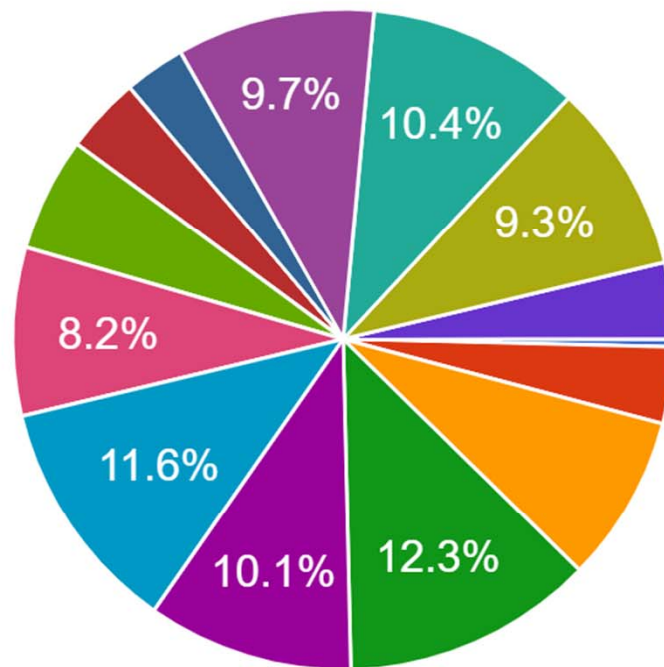
Top 3 neighbourhoods are Sunset Ridge (16%), Gleneagles (13%), Heritage Hills (8%) but a few of these neighbourhoods should be combined (River-x, West Pointe/Terrace/Valley)



What grade are you in?

Which grade are you in?

268 responses



▲ 1/2 ▼

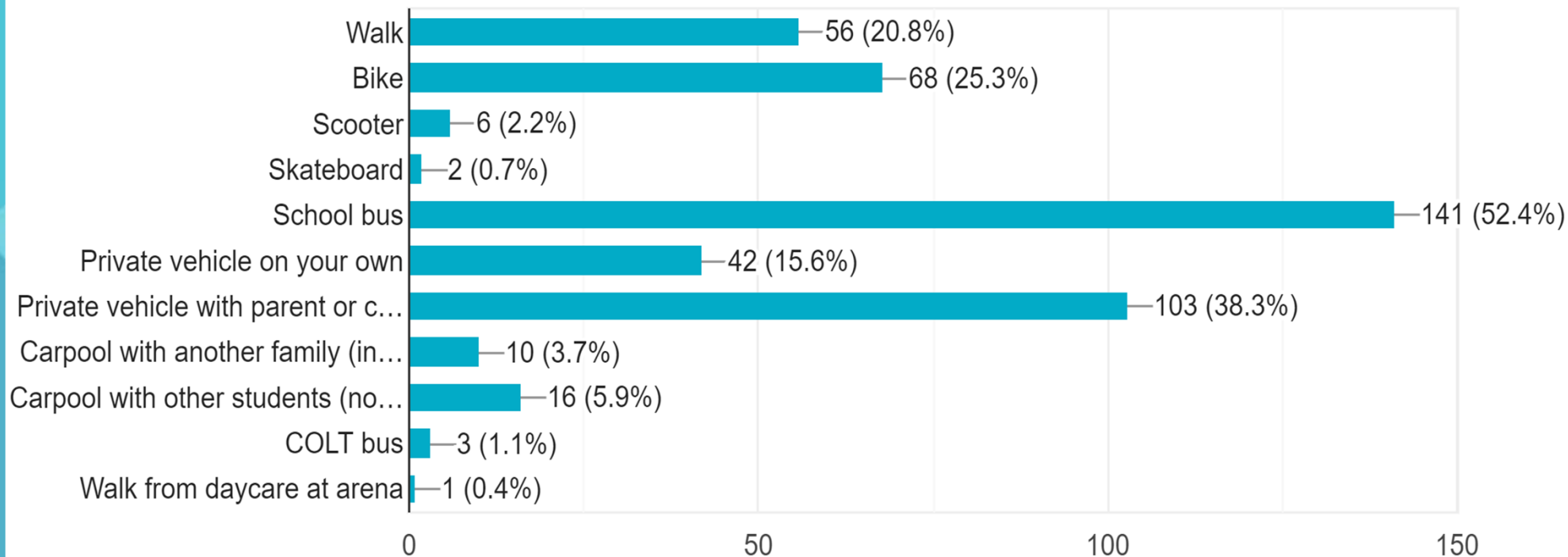
Pretty good mix of ages and grades



How do you normally get to school?

How do you normally get to school? (You can choose more than one option if your transport is mixed).

269 responses



- High **bus** usage
- High **private car** usage
- -> These contribute to congestion around schools
- These data mirror what school board have told us
- More than 100% total – respondents could choose more than one option



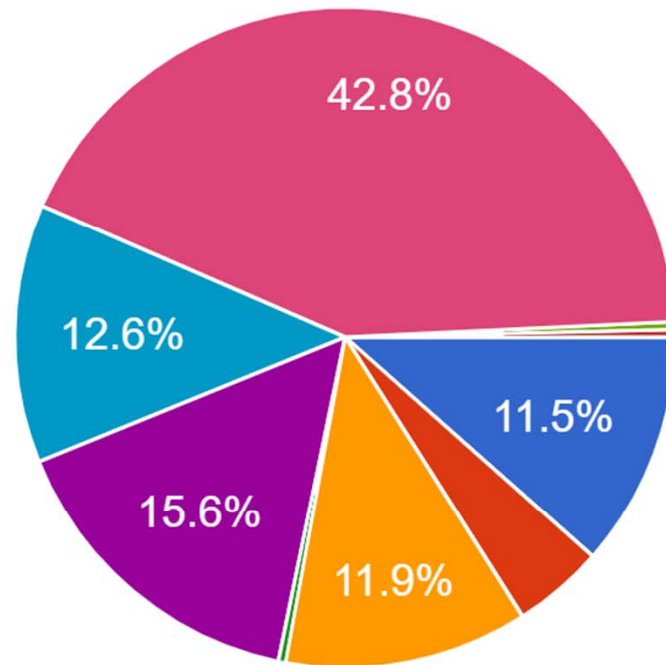
Do you ever use active transportation?

Do you ever use active transportation (walk, bike, run, scooter, skateboard....) to get to school?

269 responses

43% never use active transportation for their commute

But they have told us they would like to...



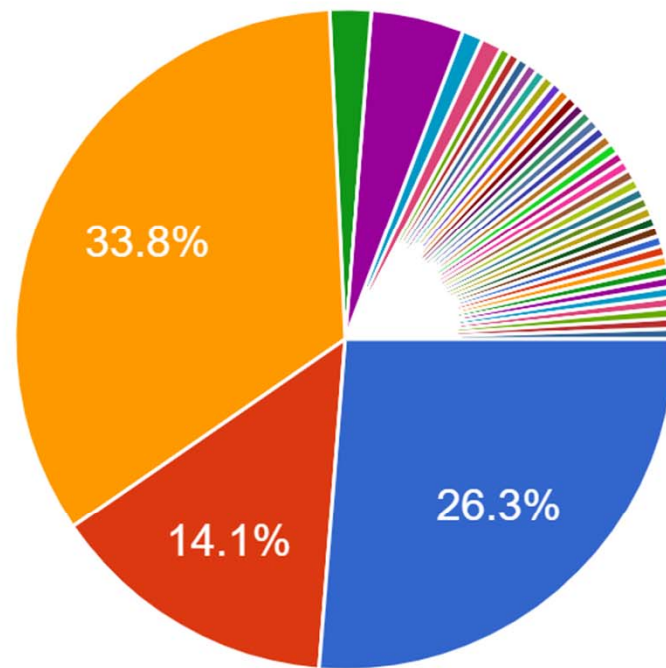
- Yes, all the time
- Yes, often throughout the year
- Yes, often during warmer months
- Yes, when I can't find other options
- Yes sometimes, when the weather is nice
- Yes, a few times a year
- No, never
- With mum sometimes
- Used to



If never/rarely, why not?

If you never (or rarely) use active transportation to get to school, why is this?

198 responses



Top 3 answers

- Too far/take too long
- Too much uphill
- Unsafe
- Don't like it
- Never think of it
- Extreme cold
- Want a friend to bike with
- Kids are too little

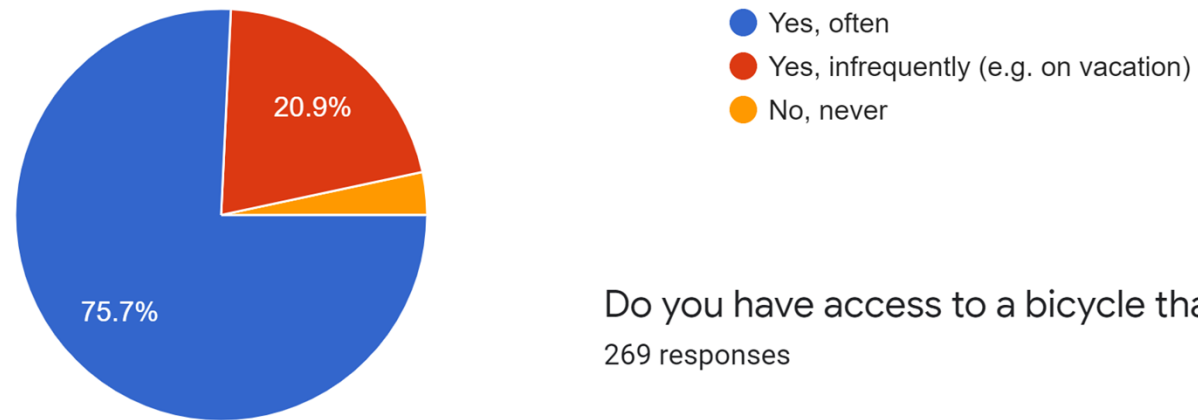
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Bike access

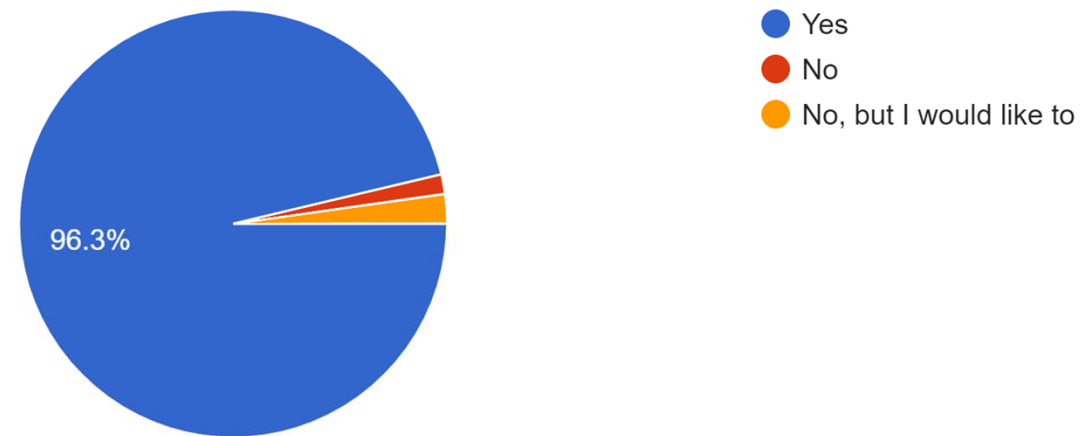
Do you ride a bike for recreation? This includes mountain biking, biking around town, BMX riding....

268 responses



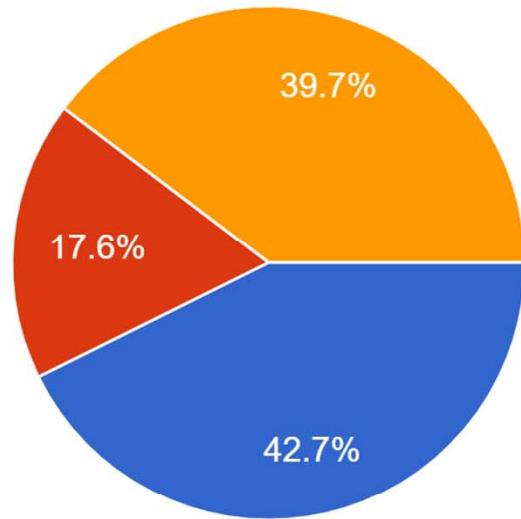
Do you have access to a bicycle that you could ride to school on?

269 responses



Do you know of a safe route to bike to school from your home?

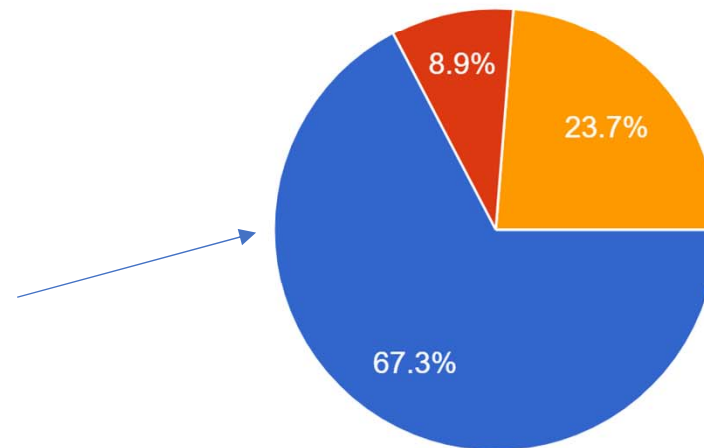
267 responses



- Yes
- No
- Sort of, but I have some concerns

Would you bike to school if there was a safe route?

257 responses



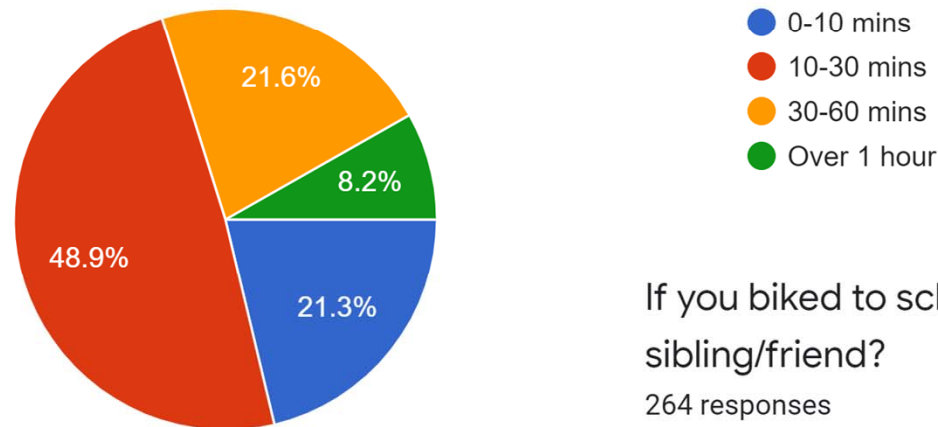
- Yes
- No
- Maybe/sometimes

91% of survey respondents WOULD bike to school if there were a safe route!

Expected bike time/mode

How long do you think it would take you to bike to school?

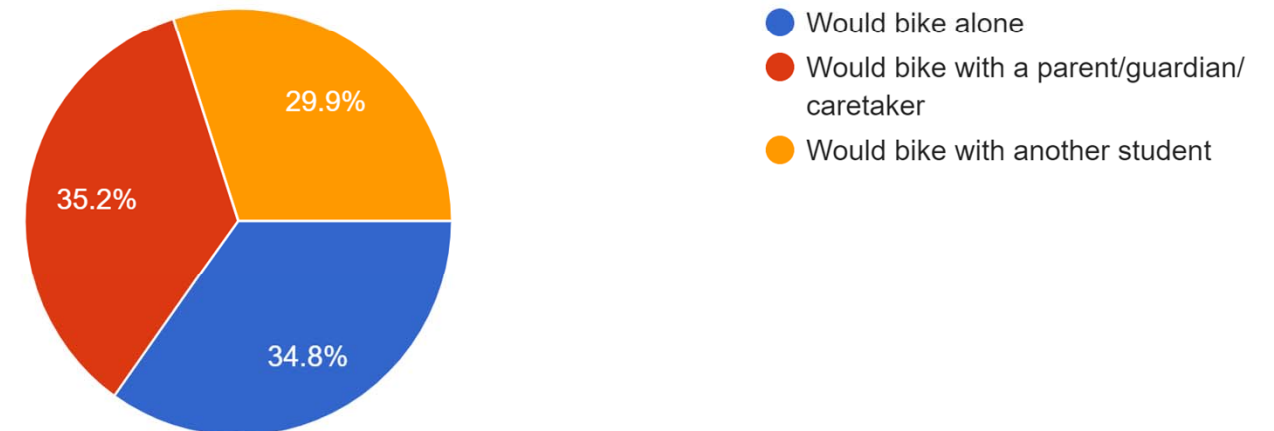
268 responses



2/3 of respondents would choose to bike WITH someone to school

If you biked to school (or presently bike to school), would you do it alone, or with a parent/older sibling/friend?

264 responses

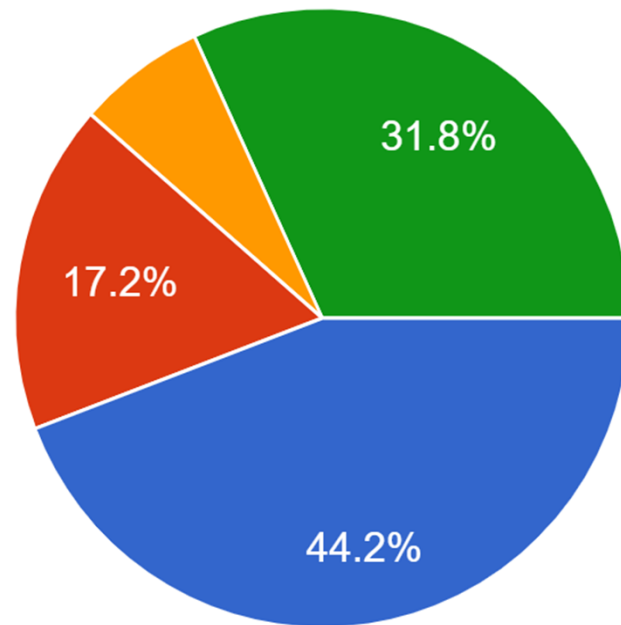


70% of respondents could bike within 30 minutes to school

Bike parking

Do you feel there is adequate and safe bike parking at your school?

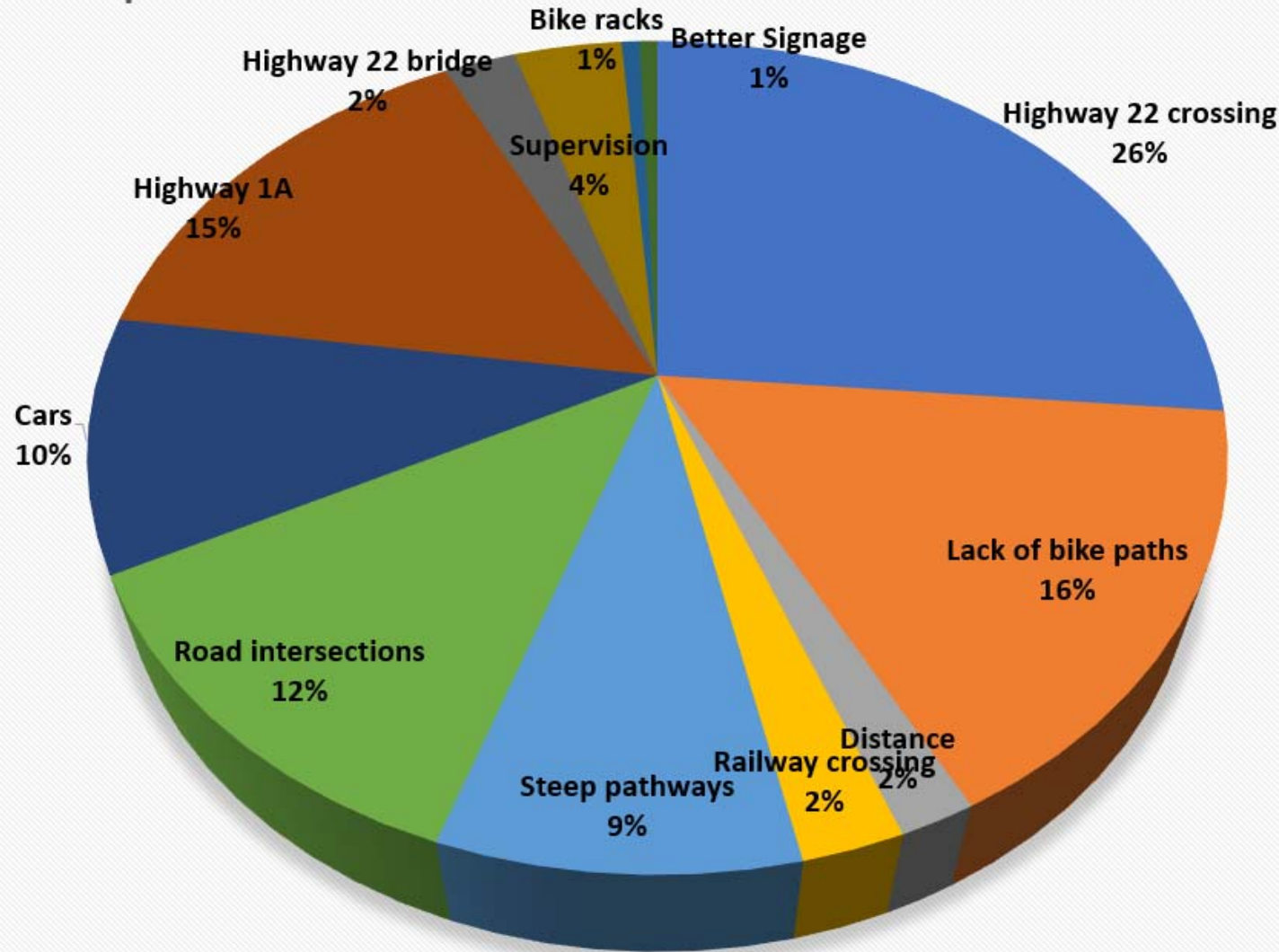
267 responses



- Yes
- No - inadequate
- No - it doesn't feel safe to leave my bike there
- I'm not sure, I've never looked for bike parking at school

Summary of specific issues that feel unsafe

Specific Issues That Make You Feel Unsafe on a Bike to School



Crossing Hwy 22, specifically during darker months.	From Bow Ridge, there are no practical safe routes to areas south of the Bow River
Crossing the highway 22 is very unsafe at the lights. Cars often donâ€™t look for pedestrians when making a right turn.	Crossing Hwy 22
It's a long way, and would take over 30 mins currently for a 6yo. In a couple years it will be more viable	George Fox Trail & Hwy 22 intersection
I know the Heartland crossing is so great to connecting neighbourhood but a connection from within the pathway system(along the railway fencing) in Heartland to the unofficial crossing near the schools and 22 would make a safer corridor for kids to commute along.	The HWY 22 bridge crossing the Bow has a very narrow sidewalk or you're riding on the highway. There would be a short ride on Griffin Road where you would have to cross one street but you would have to have your head on a swivel. Once you take the culvert across Griffin there are pathways and it's a safe ride after that.
There is an excellent option for biking from Sunset however the hills are too steep for small kids.	Too many roads to cross
No bike path that links directly to school. We have the busy 1A below us and the busy 22 highway in our way. We could go down to the river and then back up to the school area via bike paths, but this would be a very long and indirect way to get to school. Especially with lunches and school books in a school bag. We would like access with bike paths to the ranche house with a safe way to cross the 22 hwy then it would be quite manageable to cycle to school.	Our bike route to school is safe but it requires us to go a very round about way to make it safe and avoid highway 1A. It sure would be nice if there was a bike path or sidewalk along 1A (in a dream world!!) so we could bike more regularly and it would take 15 minutes instead of 30 minutes
Crossing the busy street	Crossing the 1A
Crossing the main highways and the uphill portion to the schools, the other route taking too long	Traffic along the route. My kiddo and I aren't well versed in road safety re cycling. The neighbourhood near the school doesnâ€™t have sidewalks - in Cochrane Heights. It is extremely unsafe during the busy after school hour for children to be walking on the street near the school, especially in the winter. This desperately needs to be addressed before a child is hit by a car. Recently a crosswalk was put in across Chiniki but itâ€™s location is unsafe on the side opposite the school Chinook Drive is too busy with no side walks. Needs to be one way traffic and a bike/walking lane
crossing the main highways and the hill going up to the school	Crossing the 1A Highway
HWY 1A is 100% unsafe. However, we can exit at the top of Heritage Hills and only have to cross HWY 22 to get into the ranch. If there was a safe way to do that, both my kids would bike to and from school!	The highway 22 intersection
Have to go down through the valley between Sunset and EB... could be wildlife, people hanging in their cars, and being only 8 years old, not ready to bike on own in that area and therefore can only do so when a parent happens to be home/not working that day.	Crossing Quigley at west edge road, as there are times when vehicles donâ€™t stop Crossing quigley at west edge road - drivers donâ€™t go as slow and sometimes donâ€™t stop Crossing quigley at west edge road
The gravel road between Sunset and my school has no clear safe place to ride so I have to ride in the middle of the road sometimes. The narrow road down from sunset is also quite steep which doesn't feel safe because of the gravel, and is really tough to climb up. I need my dad to pull me up the hill to get home.	Hwy 1A has no bike line cars Crossing highway 22 to get to the high school Crossing the road in front of the school is insane! Even with the light, traffic congestion is extreme and cars donâ€™t stop
Itâ€™s very uphill to get to the top of Sunset. Going to school would be no problem for my little crew, but coming home would be a challenge.	Busy road to cross Have to cross 1a Highway and train tracks Crossing highway 22
Crossing highway 22; Cochrane Lake Road traffic/speed/busy-ness	3-way corner where Glenpatrick Rd meets Glenhill Dr - drivers arenâ€™t always safe there. 3-way corner where Glenpatrick Rd meets Glenhill Dr - drivers arenâ€™t always safe there.
No direct safe route from Gleneagles.	Big hills and highway Crossing the highway Crossing the 1A
Riding through the wilderness	Too many intersections to cross & traffic not always paying attention to kids crossing intersections. The highway 22 is concerning because of the speed of traffic and the traffic turning at that intersection not always paying attention to kids in crossing or waiting to cross at corners.
Ride through dark wilderness	
Lights at 1A and 4th Ave leading up to the trip schools. Intersections at Centre and River too.	
No separate bike lane.	
Highway 22 shoulders are not safe to bike and cars drive really fast !	
crossing a busy intersection (like at 1st street, Highway 1A), and some drivers are speeding!!	
Travel on highway	
Travel on highway	
Cars	
Cars	
There is only the highway 1A and no sidewalks	
The 1A is so busy and unsafe for bikes	
Distance, up hill, no direct pathway, through the ranche concerns with animals and personal safety of a minor	
Crossing busy roads	
Have to ride on gravel roads with big hills	
No direct safe route from Gleneagles.	
The 1A is so busy and unsafe for bikes	
Long ride and steep uphill on the way back	
Highway	
Train tracks	
Lots of unsupervised areas, lots of downhill / uphill areas.	
Many roads to cross and the train tracks	
Crossing the highway	
It goes through hiway 1A, I donâ€™t think there are paths all the way to school from gleneagles (or maybe Iâ€™m not aware of) and itâ€™s also a little far.	
Big hill, lots of traffic	
Young children have to cross highway 1a, train tracks, and deal with inconsiderate, speeding drivers on Quigley Drive.	
Busy road	
the railway crossing, its controlled, but my dad wants to be sure I cross it safely	
The traffic is what worries me the most.	
Gravel downhill and no bike path up the hill to Elizabeth Barret, Manachaban and Cochrane High.	
The path is a huge detour.	
And the road the kids would take don't qll have sidewalks.	
crossing Hwy 1A by the car wash- I know there is the route under the train tracks, but in the spring it was washed out/flooded/icy	
Highway 22 is shortest route but a lot of traffic.	
Crossing highway 1A behind car wash, crossing Highway 22 at the quigley intersection.	
Crossing highway 1A and Highway 22. A bike bath on the north side of 1A that went under Highway 22 would make it safer and a reasonable distance to ride.	
1a / 22 intersection	
Construction is everywhere and the dump trucks go fast	
Highway riding is not a safe route compared to all the oaths everywhere in town but up to the HS	
My child will have to bike over to Bow Valley school in a couple years and itâ€™s not very safe crossing the highway from Fireside. I am very concerned and would love a way to cross safely.	I would need to be on a highway.
Crossing busy intersections without pedestrian lights.	steep downhills
Riding where there is no bike path.	The only options are along the highway or on a twisty gravel road
Crossing highway 1A behind car wash, crossing Highway 22 at the quigley intersection.	It is not necessarily a safety issue, but it is hard and tiring to get up the hill
The tunnel under hwy 22 into west valley can be dirty and a bit scary for kids	In school neighbourhood so lots of traffic
Steep uphill along Highway22	The roads where cars go over the speed limit and biking on the sidewalk is hard because theres a lot of people walking.
Having to ride over the bridge	The highway
The bridge across the river on the 1a is so narrow to cycle across	1a and 22
No safe way to cross the 1A and the 22	
At this point it is age, and the fact that a road must be crossed.	
The intersection at Quigley and 22 can be highly dangerous with drivers running red lights and not watching for childre, our family has had some close calls.	
All on sidewalks. road crossins make it trickv for some riders.	

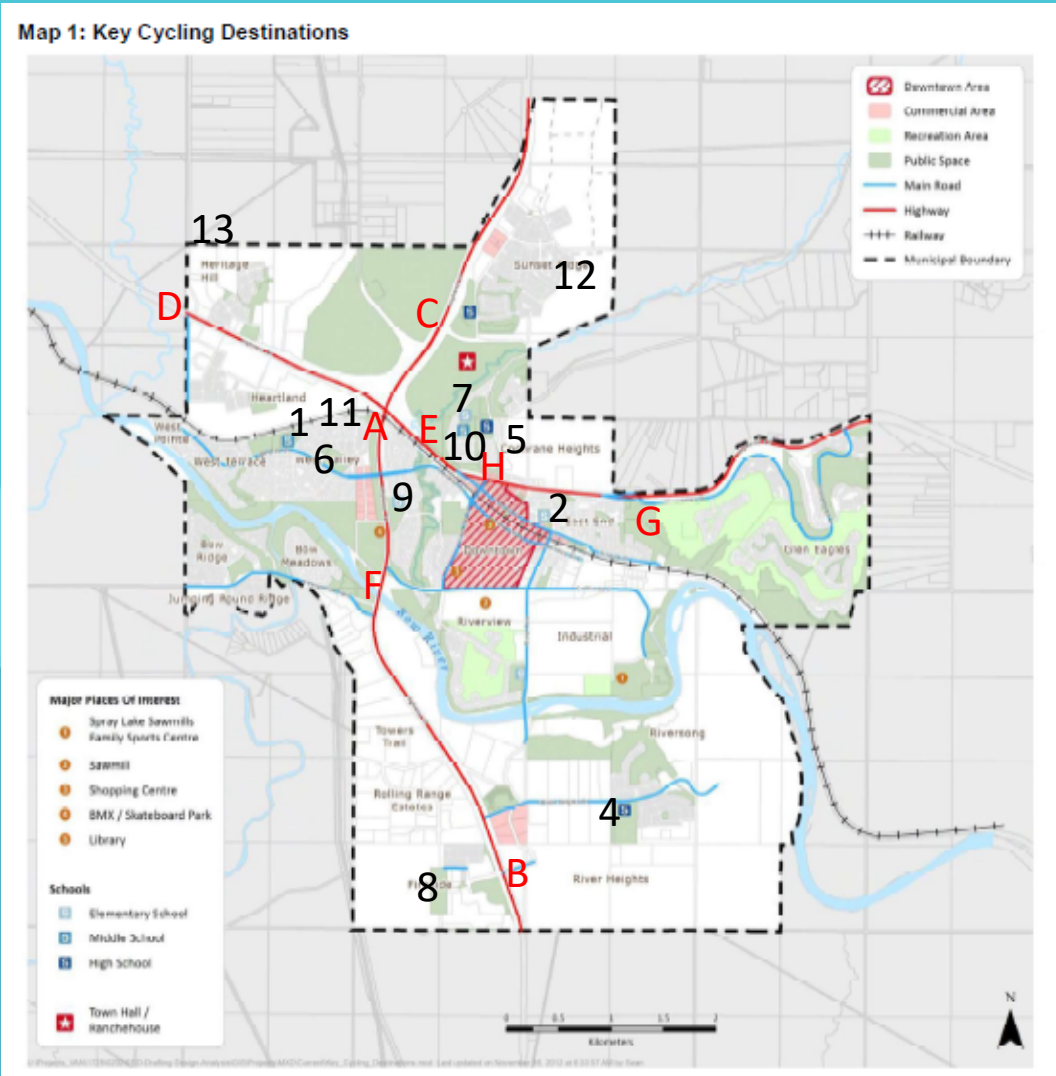


Just cars and sidewalk is filled with people walking.
Just along the highway but there is a alternative route but it's longer
The main highway to get into the town intersection on sunset
I don't wanna go on a highway
Having to either ride on the road or highway depending on the way you want to go
Would have to ride along the highway.
Only way to get to my school properly is downtown cochrane. The traffic lights and corners are dangerous to cross. Crosswalks are not the best and are not very identifiable.
Crossing the highway
I don't wanna go on a highway
I would have to bike either through the ranch or on the side of the highway to get to school.
I have to bike on the highway.
I'm only one of a few that live outside of cochrane and it would take far too long to get to school
The path from glen eagles goes into two neighbourhoods, and its so easy to get lost.
There is no crosswalk from the gasplant hill to the cochrane ranch. I have to cross the highway when it is safe.
No safe pathway from HH into town along 1A.
Crossing the 1A intersection going up to Cochrane High
Areas with no paths and having to ride on the road. Crossing Hwy 1A where drivers pass at over 100km/hr and are not expecting pedestrians. Even with traffic lights it is nervous standing waiting to cross.
Junction of 22 ans 1A
Have to cross hwy 22. The underpass is very small, often dirty and has popped a tire due to broken glass-not really a proper underpass it rather a pipe.
Crossing Hwy 1A is very very busy. Need a safer way to cross.
Crossing Hoghway 1A is very very busy
Traffic, crossing the highway, travel alongside the highway
Highway crossing, no safe way to travel along the highway. The hill is unsafe to bike up
Traffic
Hwy 22 too much traffic, no shoulders on side of road-fatal bike accident recently
One way is mostly steep downhill and the other steep uphill. Downhill can be scary at times. Especially while dodging cars or walkers on narrow bike lanes. Uphill is very hard to bike and discouraging to most children I know. You have to unmount couple of times. Getting to school is fast because of the downhill, but to come back home uphill seems to take ages. About three times longer. You have to be quite comfortable with a bike to handle my school route independently.
Our most direct route to school along Chinook Drive has no sidewalks, and many areas are narrow and dangerous with blind corners.
dont love crossing 1A, no direct path from Heritage Hills to town
Careless drivers, crazy traffic
The hill is very steep and its far to travel all the way around as there's no direct route from heartland
Hiway is too dangerous to cross or ride a bike on
Downtown by Highway 1A to go to the truck school area
The major highway the runs through access to the school, no paved pathways. Not enough road crossing
Crossing the 1a twice, crossing railway tracks twice, crossing cowboy trail, having to backtrack so much to make a safe journey.
Busy traffic flow on main roads

I would have to bike on a highway. It would take an hour and a half. There are some very large hills.
Highway traffic
There is no sidewalk to Cochrane from Heritage Hills
Cochrane Ranche - animals, strangers, etc.



Schools, catchments, 'hotspots'



- 1 – Ecole Notre Dame des Vallees – Whole Town (K-8)
- 2 – Holy Spirit Elementary School – Whole Town (K-6)
- 3 – St Timothy’s Junior/High School – Whole Town (7-12)
- 4 – Bow Valley High School – Sunset Ridge, Heartland, West Valley, Fireside, River Heights, Riverview, Glenbow (9-12)
- 5 – Cochrane High School – Bearspaw, Gleneagles, East End, Heritage Hills, Cochrane Heights, Sunterra, Cochrane South, North to Bottrell, West to Benchlands (9-12)
- 6 – Cochrane Christian Academy – Whole Town (K-8)
- 7 – Elizabeth Barrett Elementary – same as Manachaban (K-5)
- 8 – Fireside School - south of Bow River, Fireside, River Heights, Riversong, Riviera (K-8)
- 9 – Glenbow Elementary – Heartland, West Valley, Bow Meadows, Jumping Pound, Glenbow (K-5)
- 10 – Manachaban Middle School – Bearspaw, Gleneagles, East End, Heritage Hills, Cochrane Heights, Sunterra, Cochrane South, North to Bottrell (5-8)
- 11 – Mitford School – same as Glenbow (6-8)
- 12 – RancheView School – Sunset Ridge (K-8)
- 13 – Future RVS High School (9-12) – likely Sunset Ridge

A – Highway 22 at Glenbow Drive

B – Highway 22 at Fireside/James Walker

C – Highway 22 at RR43A

D – Highway 1A at Horse Creek Road

E – Underpass at Ranch

F – Bow Bridge

G – Steep hill in Gleneagles

H – Highway 1A at 4th Avenue



Summary of other comments

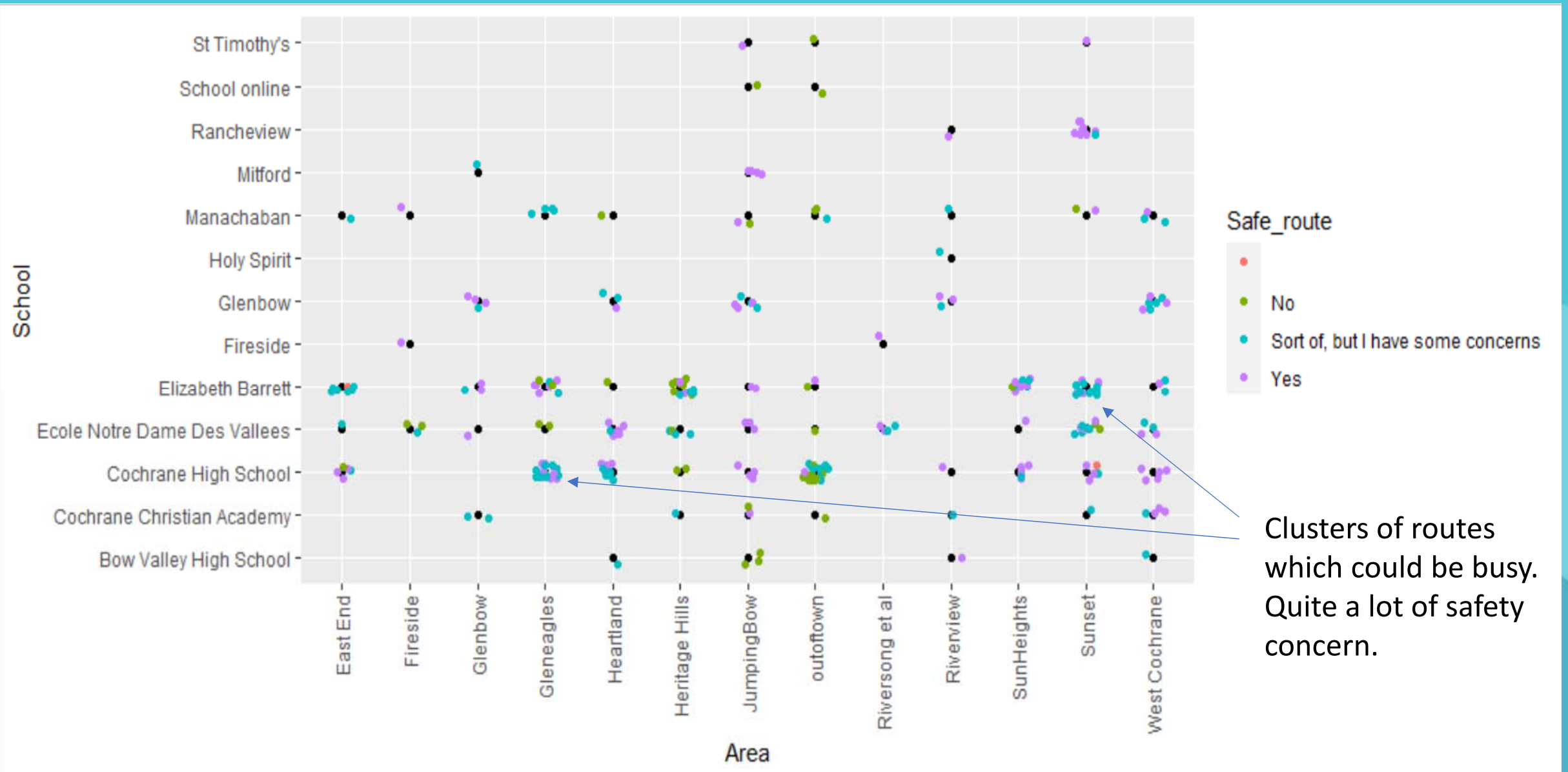
Do you have any other comments about walking and biking to school? We want to hear from you!	
My parents would feel MUCH better letting me bike or walk to school if there was a closer more direct underpass to get from west	Biggest problem from Sunterra to EB school is the hill. Kids aren't old enough or skilled enough to get up or down the hill on a bike. I get this isn't a problem of yours to fix but just a challenge we have in this neighborhood. I would also be concerned about there
The more often kids are on an active transportation pathway system the safer I feel compared to sidewalks and roadways within town.	Not enough bike parking at EB
Biking to school would be a fabulous way to incorporate exercise into the school day for my children. However, it just doesn't feel	It would be absolutely beautiful to have crossing guards just before and after school hours.
I think having kids (especially boys) get 20-30 mins of exercise in before school would help them settle into classroom learning without	Our kids have to be very careful at the intersection of Chinook Drive and 4th St. Where they cross the street as there are 2 lanes of
Would be great to get a bike buddy system going so not biking on own.	We have a busy intersection at times to cross at 4th St. And Chinook Dr. as there are 2 entry points onto Chinook Dr. That we have to cross but overall, the route is pretty safe. The kids sometimes don't look when crossing the street so I need to walk with them at this
It would be great if there was a way to get from Sunset Ridge into town on a paved pathway. The path through Cochrane Ranche gets	If there was a safe trail from fireside we would do it when weather is good enough
We'd love to bike to school.	It would be great to collaborate with schools and parent/guardian volunteers to test out bike to school from different neighbourhoods
Would love my kids to bike to school, it's not far buy there is a lot of traffic between there and here and people blow though lights and	across Cochrane. Riversong is a tough ride for our kids to NDV, big hills, mix of part, sidewalk and road, make it hard to imagine our kids
I think buses within Town limits should be discontinued. The money saved could be used to improve infrastructure and/or enhance	Amount of traffic is concerning at that time of day
walking to school in group of neighbour hood would be great too! i myself grow up with walking 2km in about 10 students in group and	Our family would love to bike to school but there is no safe/feasible/reasonable way currently. We have biked as a family to the Spray
The crazy drivers around the school are the biggest concern. Plus our climate isn't necessarily supportive of this kind of commute.	Kids live biking to Glenbow. Concerns about safety of going to manachaban unless you go through the ranch. Need to
The hill is steep to ride my bike up	Would be nice to encourage more kids to bike to school.
Our family would love to have more options for active travel to school. It would be great if the big hills from Sunset to EB were paved	Sometimes the path is flooded underneath the train and highway bridges entering Cochrane ranch this is sometimes an issue during
(or even if a paved path was put to the side of the gravel road). We would also be interested in a walking or biking school bus.	I would totally bike to school if it wasn't so far. This is a great idea though!
We enjoy walking to school	I think it's a great way to go around places and it's a great source of exercise
I'm just not sure they are mature enough to go by themselves	The hill to get to cochrane high is humongous! Even walking a bike up is hard. I wish there was better way to get to my school without
A bike/walking path on the north side of 1A that crosses under highway 22 would make this a reasonable walk or bike ride.	There are no lockers at school in use so everything has to be carried which would be too much on a bike. Our community is at the top
It would take a long time as to get there you need to go up a very big hill	of the hill leading out of Cochrane and the return trip would be too difficult and, as a parent, I would not want my daughter to bike
Need a safe close route to cross over the 22 and 1A as well as walking paths on both the 1A and the 22 that are close enough to streets	I would like to bike to school more often, I just never think of it and it is all uphill when I have to bike home.
1A/22 needs a safe way to bike across	Time value heading home too all uphill
Poor bike racks at the school. Limited amount and metal which have scratched my bike frame and paint.	Very unsafe or we need to detour trough west terrasse and do under 22 trough the tunnels
There needs to be safe non highway access to all areas of cochrane	Biking to school is great-better paths would be good
This route would be for this year. Next year she would attend Mitford and that ride to school would be more challenging.	More bike parking that is visible and can be monitored
During warmer days, I drop my sons bike off at school, then pick him up with mine and we bike back home to Riviera. I wish he could	Please ensure their is enough parking and is visible
Our school bike rack needs to be larger.	If you live in Sunset, most people walk or bike to school, because we live so close to it. And we are encouraged to do so! Year round.
Not enough bike racks at Elizabeth Barrett. If you don't get there early, you need to lock the bike up on the fence.	When we bike, we have a car meet us so we dont leave the bikes. it would be great to have a safe place to lock them up but I dont think
The farging hill up to EB is kind of a non-starter for me, and I can't imagine there is anything you can do to help with that :)	See above
My main concern is the crossing at the 1A and a place for bike safety gear when at school.	The hills in Cochrane are the main barrier
My main concern is the crossing at the 1A and a place for bike safety gear when at school.	Would love to have both my kids be able to bike or walk but feel there are not enough barriers for the heavy traffic on the highway and
We would have to start our day half hour earlier (and it's already very early)! Also, all winter long, it would be too dark on the bike	I wish there were safer bike trails, walking trails that were also more direct. We've only just gotten safe access to town last year and
i hope all of the work that chs students has been put to good use	Heritage Hills has been a community for over ten years.
If there was an older kid my son could walk/bike with, I'd definitely encourage it, maybe a buddy system option or a volunteer	
Please add a safe way to cross highway 1a and the train tracks.	
I wish it was a little safer. A trail to go from the Glenbow trails that could go along the train tracks, and through the tunnel under the	
A pedestrian bridge over the hwy would be good	
It would amazing if Cochrane was more mindful in planning around safe ways to bike around town for kids & families.	
I like biking to school.	



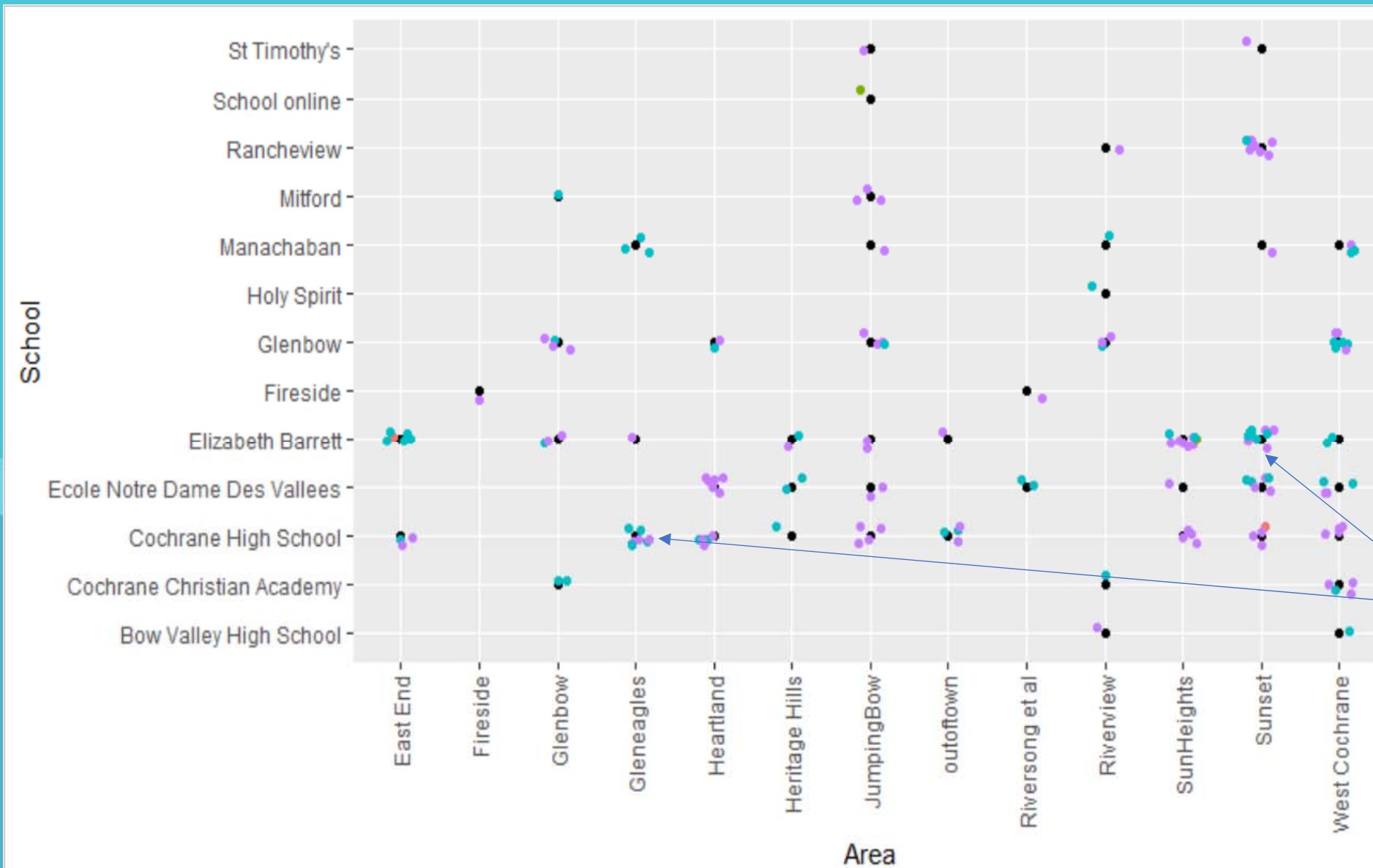


Deeper Analysis of Survey Data

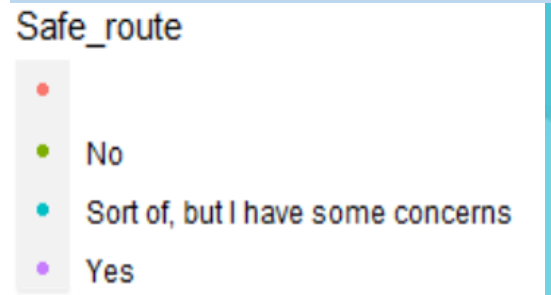
Across all respondents, which area are they travelling from and to which school? Do they perceive their route as safe for active transportation?



Of respondents who always/seasonally/occasionally use active transportation to get to school, how do they perceive their route?

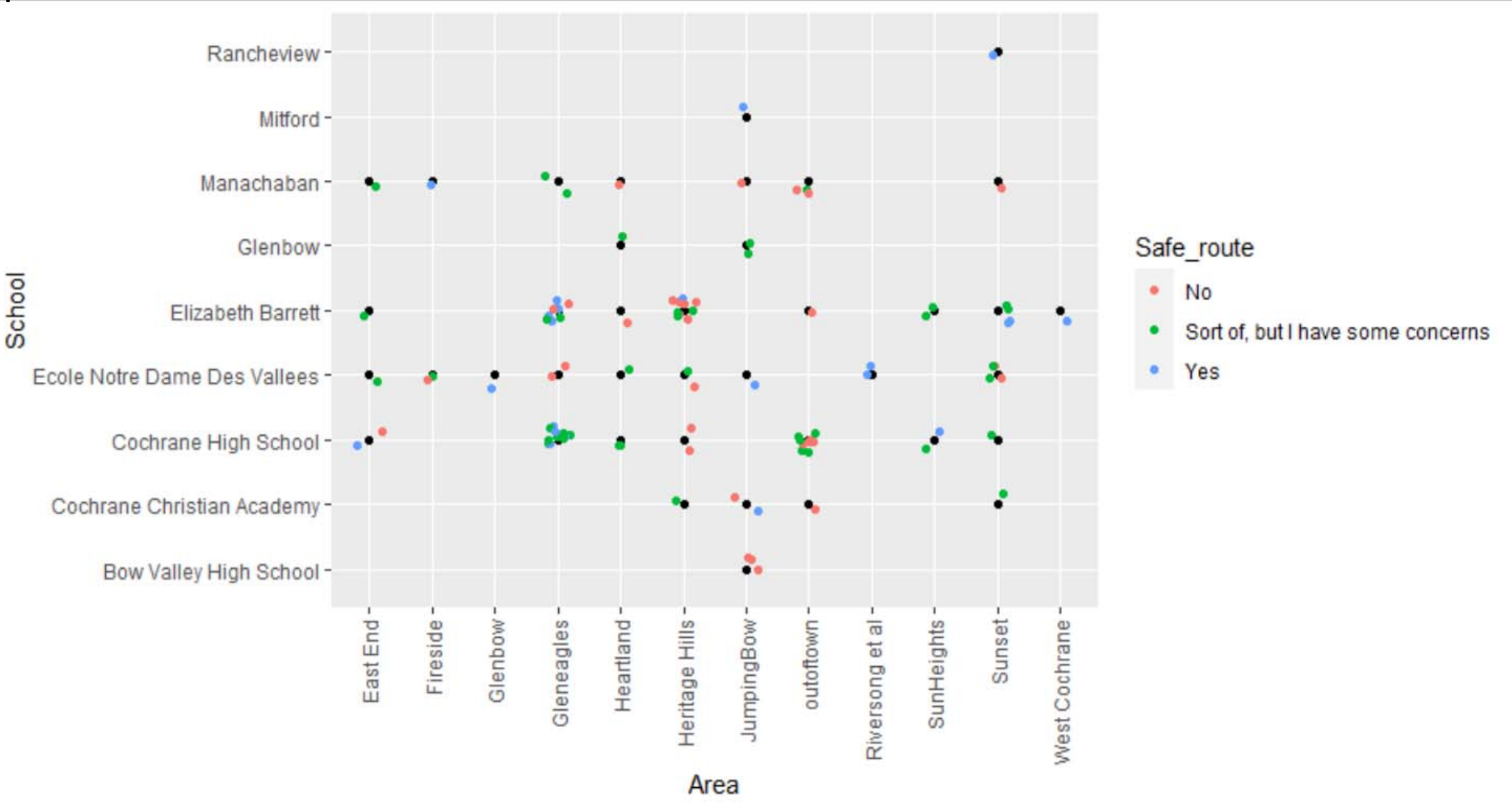


Unsurprisingly, fewer of these respondents describe their route as unsafe, but **many have concerns** (teal dots). These are worth **paying attention to**, as they are presented by **people actively using the routes and familiar with them**.

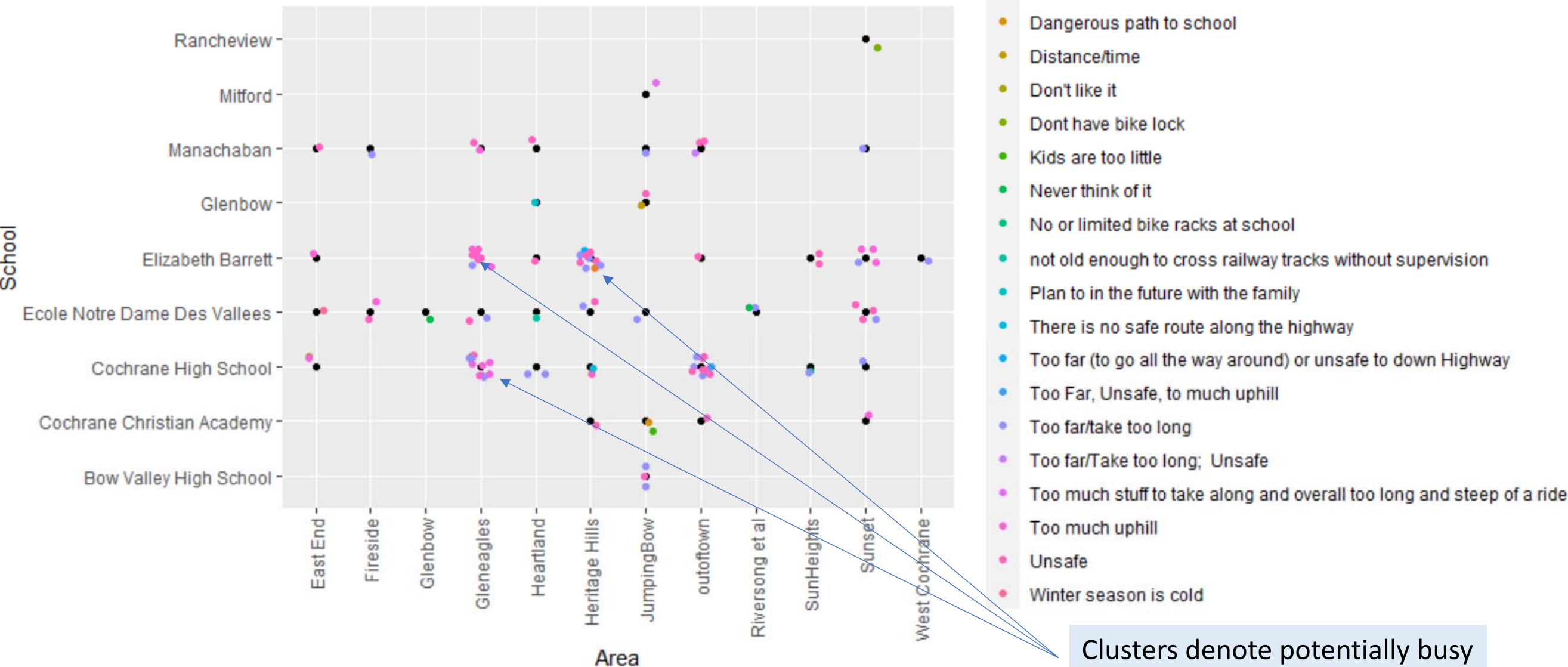


Clusters of routes which **are** busy. These safety concerns are grounded in experience.

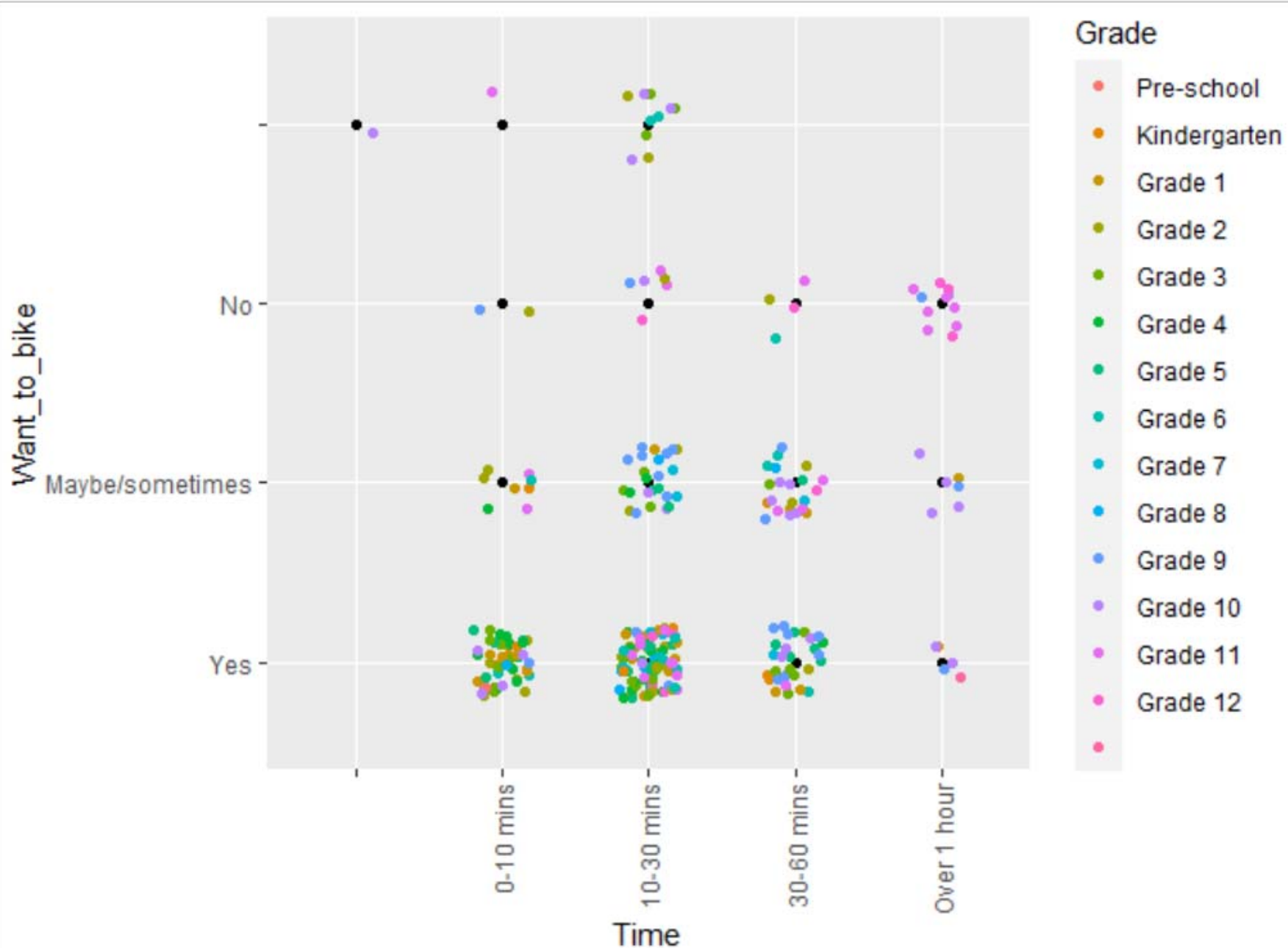
Students who **never** use active transportation, but say they **would like to** always or sometimes. This is a **big group**. Many perceive their routes as **unsafe**.



Students who never use active transportation, but say they would like to always or sometimes. Why don't they?



Clusters denote potentially busy routes. Lots of safety concerns showing up as barriers.



Who wants to be able to use active transportation?

Primarily students with journeys under 30 minutes, but not exclusively. There is a good spread across grades, with interest expressed in both the younger grades and from independent high schoolers.

Students who never use active transportation, but say they would like to always or sometimes. Their comments:

- | | | |
|---|---|--|
| [1] Too far/take too long | 22] Too far/take too long | 41] Unsafe |
| [2] Kids are too little | [23] Too far/take too long | [42] Too much stuff to take along and overall too long and steep of a ride |
| [3] Plan to in the future with the family | [24] Unsafe | [43] Too far/take too long |
| [4] Too much uphill | [25] Too far/take too long | [44] Unsafe |
| [5] Unsafe | [26] Unsafe | [45] Dangerous path to school |
| [6] Unsafe | [27] Unsafe | [46] Unsafe |
| [7] Unsafe | [28] Too far/take too long | [47] Too far/take too long |
| [8] Unsafe | [29] Too much uphill | [48] Too far/take too long |
| [9] Too much uphill | [30] Too far/take too long | [49] Unsafe |
| [10] Too far/Too long; Unsafe | [31] Unsafe | [50] Too far/take too long |
| [11] No or limited bike racks at school | [32] Too far/take too long | [51] Too much uphill |
| [12] Too much uphill | [33] not old enough to cross railway tracks without supervision | [52] Too much uphill |
| [13] Too much uphill | [34] Unsafe | [53] Unsafe |
| [14] Too much uphill | [35] Winter season is cold | [54] Never think of it |
| [15] Unsafe | [36] Both a little too far and unsafe. | [55] Too Far, Unsafe, too much uphill |
| [16] Too much uphill | [37] Too far (to go all the way around) or unsafe to down Highway | [56] Too far/take too long |
| [17] Unsafe | [38] Too far/take too long | [57] Unsafe |
| [18] Unsafe | [39] Dont have bike lock | [58] Too much uphill |
| [19] Unsafe | [40] Too much uphill | [59] Unsafe |
| [20] Unsafe | | [60] Too far/take too long |
| [21] Unsafe | | [61] Too far/take too long |

Students who never use active transportation, but say they would like to always or sometimes. Their comments:

[62] Unsafe

[63] Never think of it

[64] Unsafe

[65] Unsafe

[66] Too far/take too long

[67] Too far/take too long

[68] Too far/take too long

[69] Too much uphill

[70] Don't like it

[71] Too far/take too long

[72] Because I have a car to drive but I would if I couldn't drive

[73] Too far/take too long

[74] Too far/take too long

[75] Unsafe

[76] Too far/take too long

[77] Too much uphill

[78] Unsafe

[79] Too much uphill

[80] Too far/take too long

[81] Too far/take too long

[82] Too far/take too long

[83] Unsafe

[84] Distance/time

[85] Unsafe

[86] Too far/take too long

[87] Too much uphill

[88] Unsafe

[89] Unsafe

[90] Too far/take too long

[91] Unsafe

[92] Unsafe

[93] Unsafe

[94] Too much uphill

[95] Too far/take too long

[96] Too much uphill

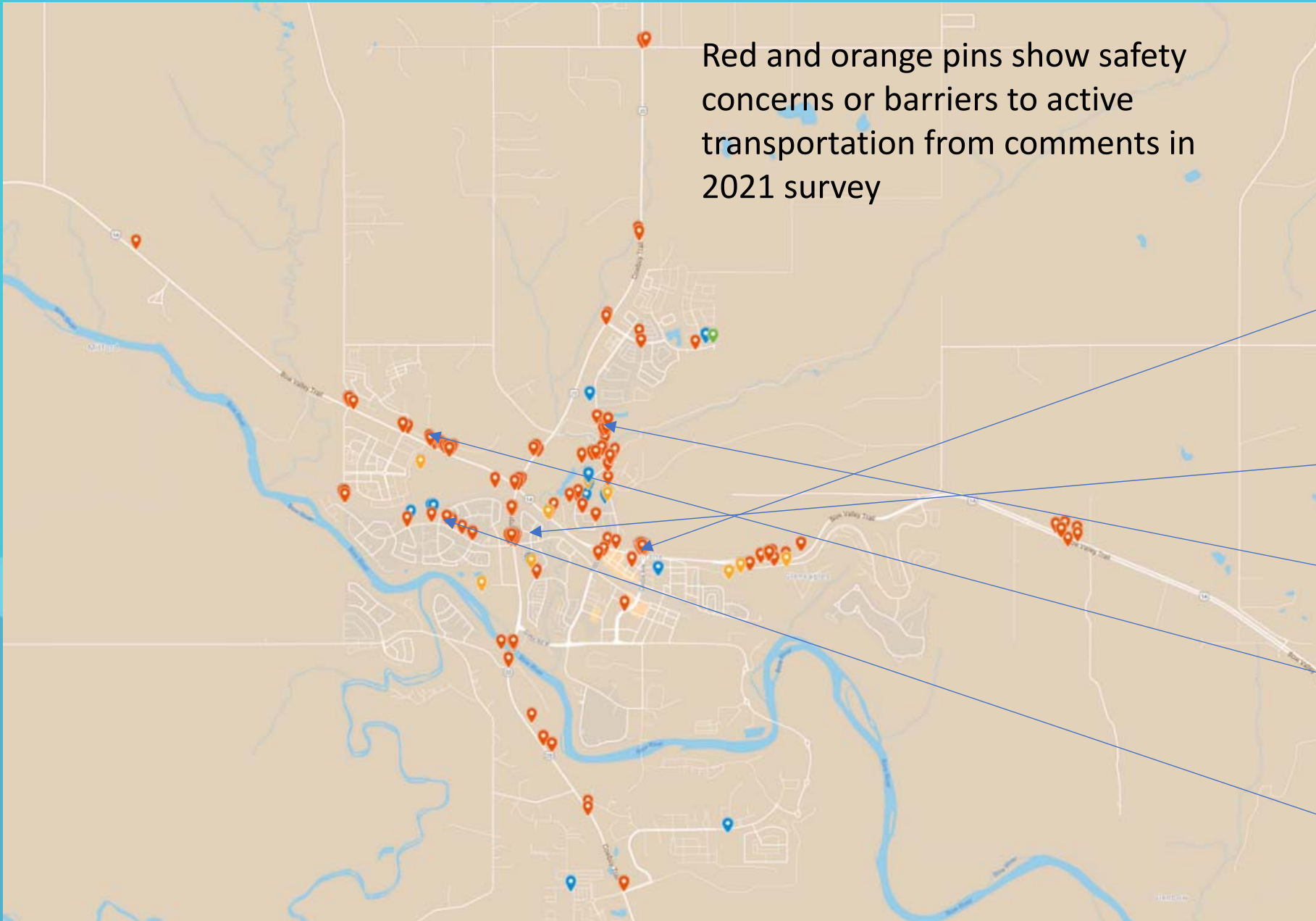
[97] Unsafe

[98] There is no safe route along the highway

[99] Too far/take too long

Clusters of concern

Red and orange pins show safety concerns or barriers to active transportation from comments in 2021 survey



1. Crossing 1A from downtown heading towards tri-schools

2. Crossing HW22 at Quigley

3. Path through Ranche

4. No direct route to town from Heritage Hills and Heartland

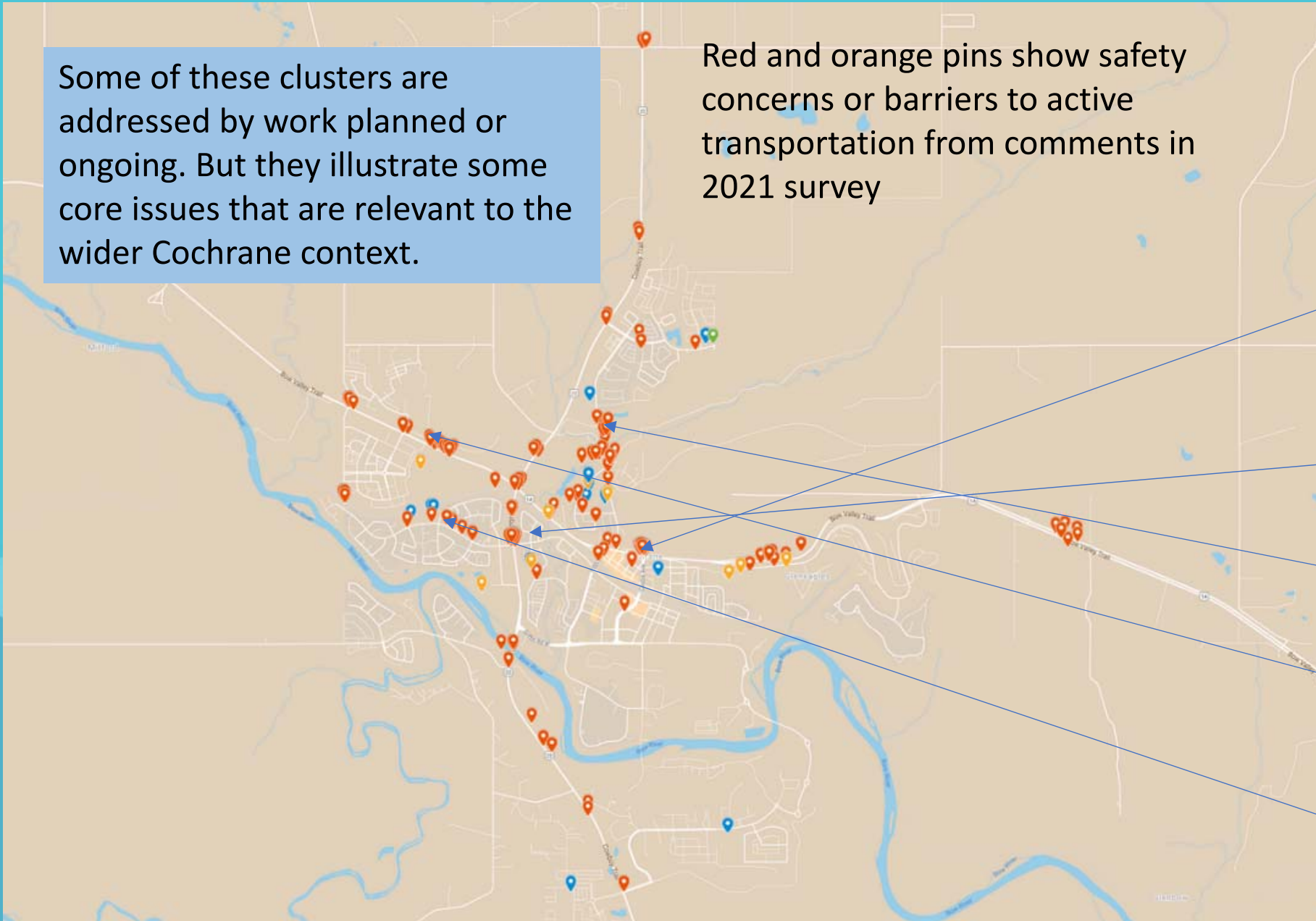
5. Quigley Drive



Clusters of concern

Some of these clusters are addressed by work planned or ongoing. But they illustrate some core issues that are relevant to the wider Cochrane context.

Red and orange pins show safety concerns or barriers to active transportation from comments in 2021 survey



May be remedied by current 1A works

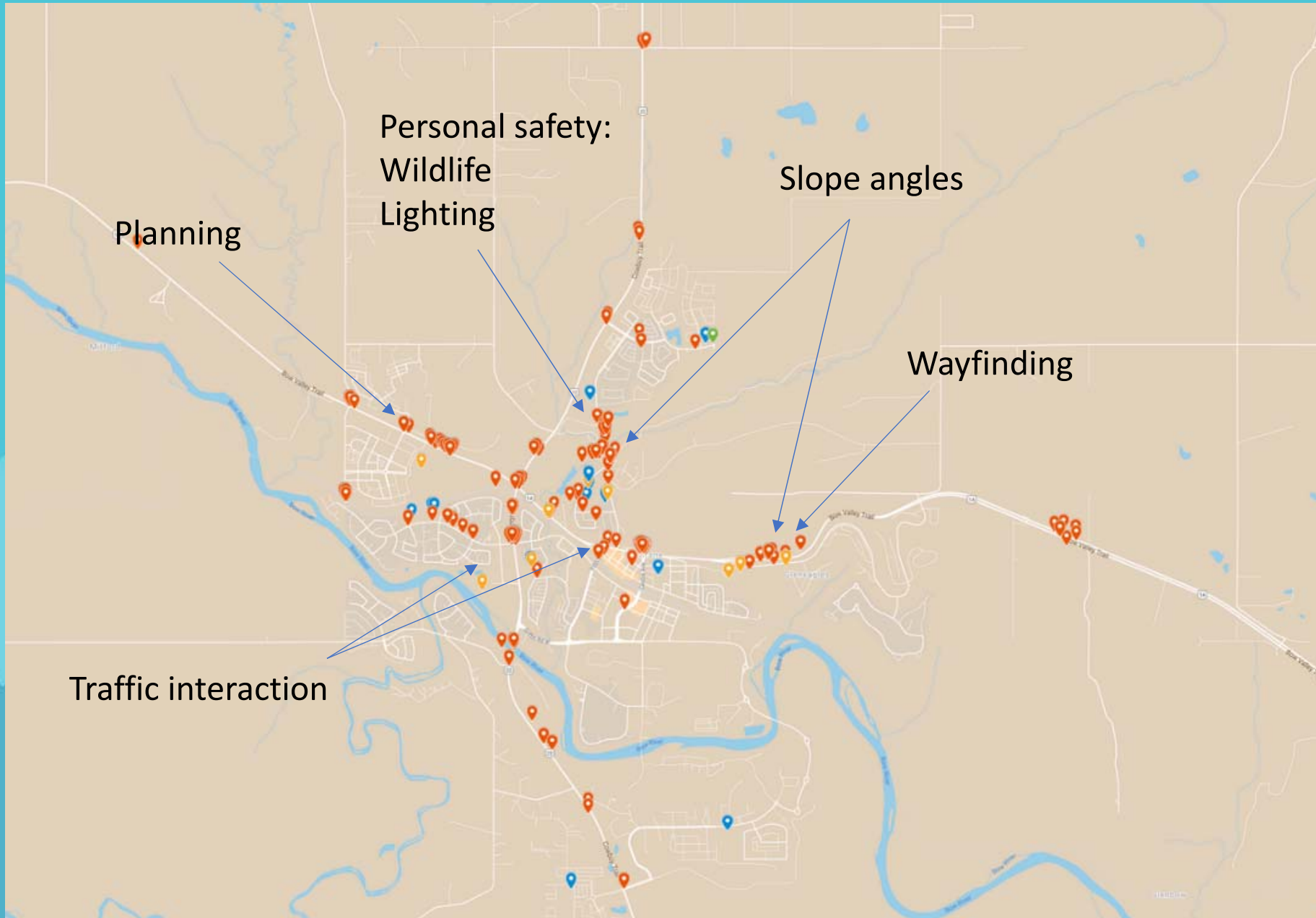
Requires input from Town and AB transportation

Path through Ranche

1A work includes plans for pathways here.

Scheduled for reworking in next few years. Opportunity to re-design.





Conclusions/Thoughts

- **91% of survey respondents WANT to bike to school!**
- 70% of survey respondents are within a 30-minute bike ride to school or less
- The top 3 reasons given for not biking are **safety, too far, and too much uphill/slopes**
 - Bike Parking At Schools Should Be Improved Too
- **Highway 22/1A Intersections Need Better Signage/Crossings!**

