Lunch & Learn:
Let's Talk MonQcle!

Alexandra Hess, JD, MPH
Legal Training Manager

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Roadmap

- Intro to MonQcle as a tool for policy surveillance

- Using MonQcle functions to fit your project needs and goals

- Frequently asked questions

- Software updates and new features

# Revolutionizing scientific legal research

Streamlining the process of building legal data for research and practice

MonQcle
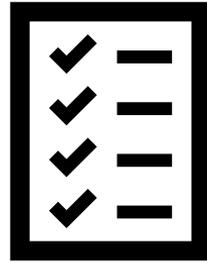by the **Center for Public Health Law Research**

MonQcle is a one-stop-shop, web-based legal research software used to navigate and organize complex legal texts to produce legal data for research and practice.

- Organize research and collaborate
- Build legal data across space and time
- Easily update and maintain data
- Visualize and share data

Why MonQcle?
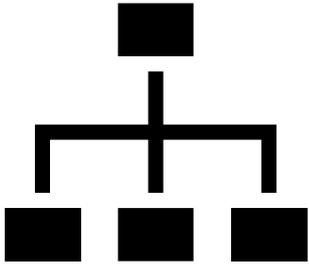
Organize

Track

Collaborate

Share

The Policy Surveillance Process

Codebook

The Codebook is a complete list of all the questions coded in a legal dataset. It includes:

- The question type

- The variable name (for comparison with the data file)

- The variable values, and their labels

Questions	
Question 1:	Does state law specifically address youth sports TBIs?
Question Type:	Categorical - mutually exclusive
Variable Name:	SCAnyLaw
Variable Values:	1, 2
Value Label:	1 = Yes
Value Label:	2 = No
Question 2:	Does the law require a student athlete with a suspected TBI to be removed from play?
Question Type:	Categorical - mutually exclusive
Variable Name:	SCRemoval
Variable Values:	1, 2
Value Label:	1 = Yes
Value Label:	2 = No
Question 3:	Must the parent or guardian be notified of the suspected or diagnosed TBI?
Question Type:	Categorical - mutually exclusive
Variable Name:	SCParNotf
Variable Values:	1, 2
Value Label:	1 = Yes
Value Label:	2 = No

End Product:
Legal Data for Evaluation

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	jurisdictions	Effective Date	Valid Through	syringedis	syringedis	syringedis	syringedis	syringedis	syringedis	syringedis	syringedis	syringedis	syringedis	sd-iteratio	sederegyn
2	Alabama	2012-07-01	2017-07-01	1	0	0	0	0	0	0	0	0	0	1	1
3	Alaska	2012-07-01	2017-07-01	1	0	0	0	0	0	0	0	0	0	1	0
4	Arizona	2012-07-01	2017-07-01	1	0	0	0	0	0	0	0	0	0	1	1
5	Arkansas	2011-07-01	2011-07-26	1	0	0	0	0	0	0	0	0	0	1	1
6	Arkansas	2011-07-27	2017-07-01	1	0	0	0	0	0	0	0	0	0	2	1
7	California	2012-01-01	2014-12-31	0	1	0	0	0	0	0	0	0	0	1	1
8	California	2015-01-01	2017-07-01	0	0	0	0	0	1	0	0	0	0	2	1
9	Colorado	2012-07-01	2013-05-09	0	1	0	0	0	0	0	0	0	0	1	1
10	Colorado	2013-05-10	2015-06-30	0	1	0	0	0	0	0	0	0	0	2	1
11	Colorado	2015-07-01	2017-05-29	0	0	0	0	0	1	0	0	0	0	3	1
12	Colorado	2017-05-30	2017-07-01	0	0	0	0	0	1	0	0	0	0	4	1
13	Connecticut	2012-07-01	2015-06-30	0	1	0	0	0	0	0	0	0	0	1	1
14	Connecticut	2015-07-01	2016-09-30	0	0	0	0	0	1	0	0	0	0	2	1
15	Connecticut	2016-10-01	2017-06-30	0	0	0	0	0	1	0	0	0	0	3	1
16	Connecticut	2017-07-01	2017-07-01	0	0	0	0	0	0	0	0	1	0	4	1
17	Delaware	2012-07-01	2013-06-29	0	1	0	0	0	0	0	0	0	0	1	1
18	Delaware	2013-06-30	2014-04-10	1	0	0	0	0	0	0	0	0	0	2	1
19	Delaware	2014-04-11	2015-12-17	0	0	0	0	0	1	0	0	0	0	3	1
20	Delaware	2015-12-18	2016-08-10	0	0	0	0	0	1	0	0	0	0	4	1
21	Delaware	2016-08-11	2017-07-01	0	0	0	0	0	1	0	0	0	0	5	1

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MonQcle in Action

A source of rigorous legal data for researchers and detailed policy information for the public.

Getting creative

Leveraging MonQcle features to fit your project needs and goals

Bill tracking

- Collect, build, code, and track bills as they move through the legislative process

- Using the same policy surveillance methods and MonQcle building/coding process

- **One record per bill**, tracked longitudinally

Bill tracking

Questions

+ Add Question

❶ | 1 Is there a bill in the state that limits authority regarding public health emergency orders?

A | 1.1 What is the bill's number?

📅 | 1.2 When was the bill introduced?

◉ | 1.3 What is the bill's status?

📅 | 1.4 What was the date of the last action?

Bill tracking

Record	Effective	Through	Progress	Series
🟦 AK (Alaska)	3/16/2022	5/20/2022	12/12	SB 156
🟦 AK (Alaska)	2/15/2022	5/20/2022	10/12	SB 191
🟦 AK (Alaska)	1/18/2022	5/20/2022	11/12	HB 236
🟦 AK (Alaska)	1/18/2022	3/15/2022	12/12	SB 156
🟦 AK (Alaska)	1/18/2022	5/20/2022	12/12	SB 144
🟦 AK (Alaska)	1/18/2022	5/20/2022	12/12	HB 262
🟦 AK (Alaska)	5/1/2021	5/20/2022	10/12	HB 76
🟦 AK (Alaska)	4/28/2021	4/30/2021	10/12	HB 76

Drug Decriminalization Legislation

Is there legislation in the state that decriminalizes personal possession of controlled substances?

Legend:
- Legislation introduced, not enacted
- Bill pending
- Law in effect
- No legislation

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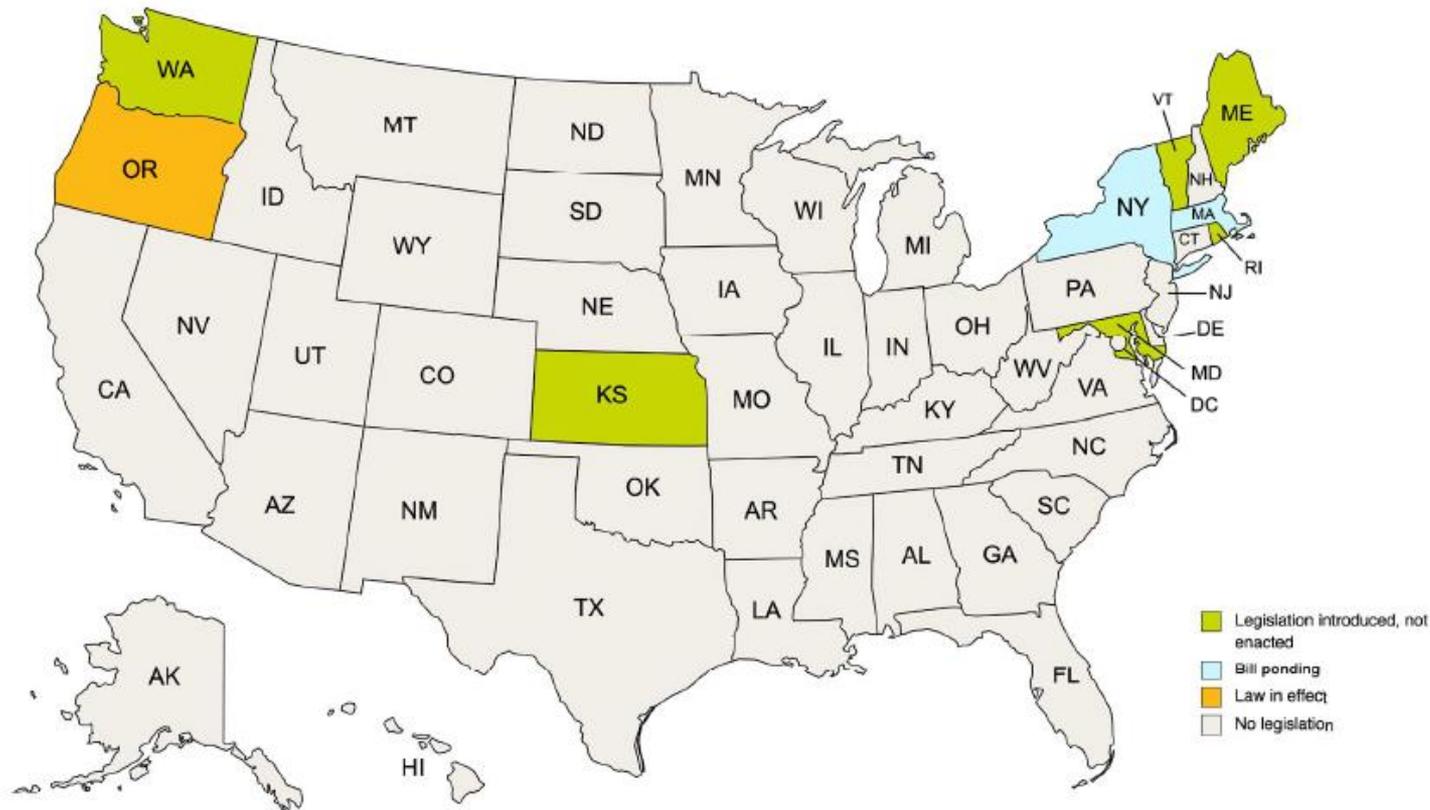
Policy Ranking

OVERALL RESULTS

Out of the nation's 75 largest cities, there were:

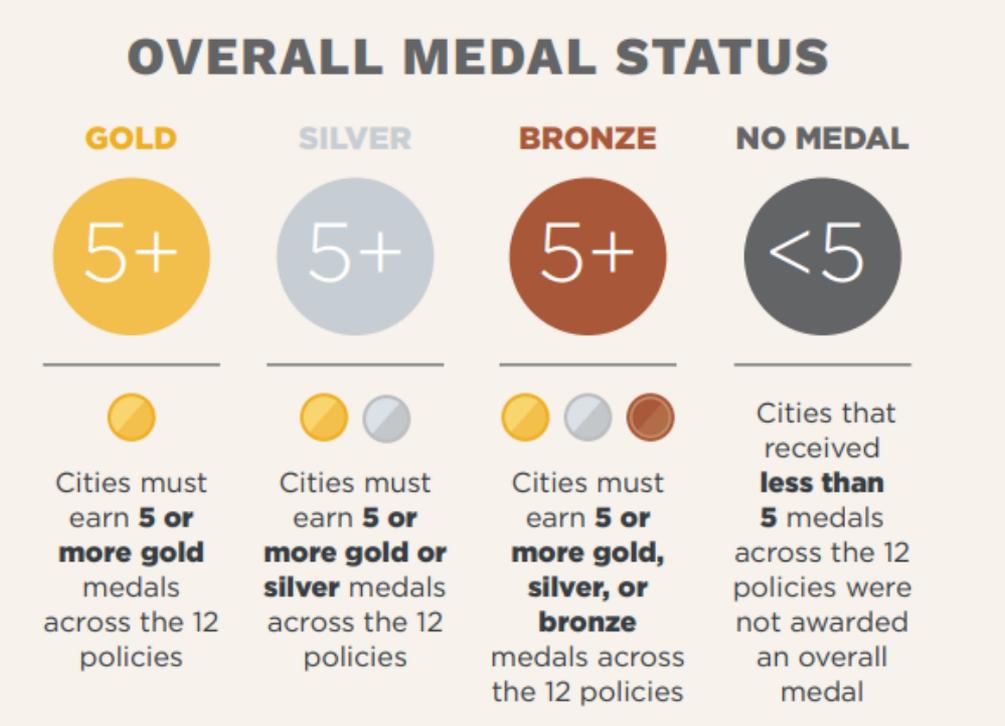| 2	13	22	38
gold medal cities	silver medal cities	bronze medal cities	did not have enough strong policies to warrant a medal

Policy Ranking

OVERALL MEDAL STATUS

GOLD
5+

SILVER
5+

BRONZE
5+

NO MEDAL
<5

Cities must earn **5 or more gold** medals across the 12 policies

Cities must earn **5 or more gold or silver** medals across the 12 policies

Cities must earn **5 or more gold, silver, or bronze** medals across the 12 policies

Cities that received **less than 5** medals across the 12 policies were not awarded an overall medal

Policy Ranking

AFFORDABLE HOUSING TRUSTS MEDAL CRITERIA	Bronze	Silver	Gold
1. City has established an affordable housing trust fund.	✓	✓	✓
2. City policy includes a multi-stakeholder oversight board.	✓	✓	✓
3. City policy identifies or establishes a dedicated revenue source to fund the trust.	✗	✓	✓
4. City policy identifies or establishes a dedicated, recurring revenue source to fund the trust.	✗	✗	✓
5. City policy references affordability levels.	✗	✗	✓
6. City policy requires regular evaluation and public reporting on how trust funds have been spent.	✗	✗	✓

Funding sources may include appropriations, real estate transfer fees, deed and recordation fees, linkage fees, etc.

Using the Overview Tool

- Use **Profiles view** to see data displayed in a card format or use map view to see data displayed in a map format
- **Explore** the data by clicking on the questions
- Answers can be seen in the map tab, profiles tab, or in the table below the map in the map tab
- **Filter** by answers
- Also notice the **time slider** which allows you to track how laws, and specific questions and answer choices, have changed over time
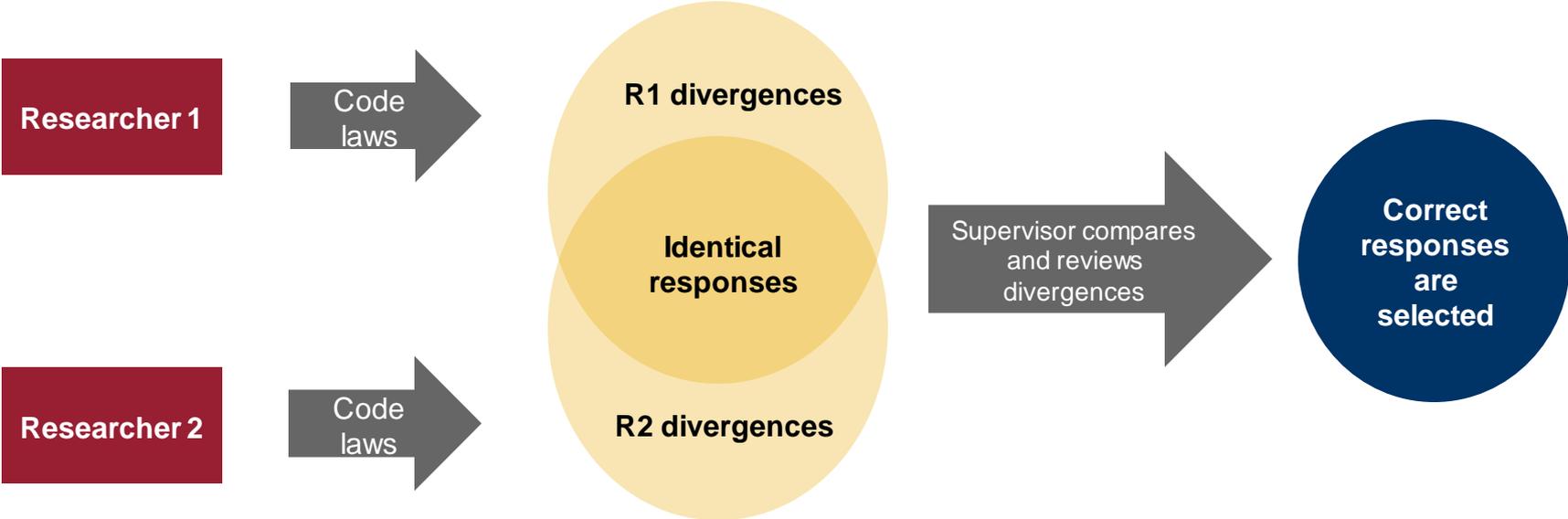
Using the Overview Tool

FAQs

Answering your MonQcle questions

MonQcle + Policy Surveillance FAQs

- Do I always need to do redundant coding/coding review?

- What is statistical quality control and why should I use it?

- I don't have time to find the effective dates for every law. Can I skip this step?

- Something doesn't seem to be working right—who do I contact?

Redundant Coding

Researcher 1 → Code laws →

Researcher 2 → Code laws →

R1 divergences

Identical responses

R2 divergences

Supervisor compares and reviews divergences →

Correct responses are selected

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Law Research

Iteration | Jurisdiction | Question | Date of record | Researchers | Supervisor comments | Researcher comments | Status

Iteration	State	Date of Iteration	Question	Coder	Problem	Resolved?	Status
1	FL	10-1-2013	Is there a state law on cellphone-use while driving?	EP	Caution Note/Flag – not sure that we need this, unless you think it is important to publish remove flag and note (not only for this entry but for all entries)	EP: Agree, Caution Note & Flag removed from all iterations.	Resolved.
1	FL	10-1-2013	What are the explicit exceptions to the law?	EP + SJ	EP answered: When the vehicle is stopped, Other SJ did not	SJ: I agree with Elizabeth. Operating an autonomous vehicle is probably the "other" category that she picked. I added her answers to my list of exceptions. EP: I marked other because there is an exception for receiving messages related to navigation, safety alerts, data used by the motor vehicle, and radio broadcasts. There is also an exception for autonomous vehicles. EP: I marked "When the Vehicle is Stopped" because of the sentence below; I think it it is probably enough to be coded: "For the purposes of this paragraph, a motor vehicle that is stationary is not being operated and is not subject to the prohibition in this paragraph."	Resolved.

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Statistical Quality Control

Post-production statistical quality control (SQC) describes the process by which a random sample of data are selected and tested to ensure the validity and reliability of the entire dataset.

Process Overview: Statistical Quality Control
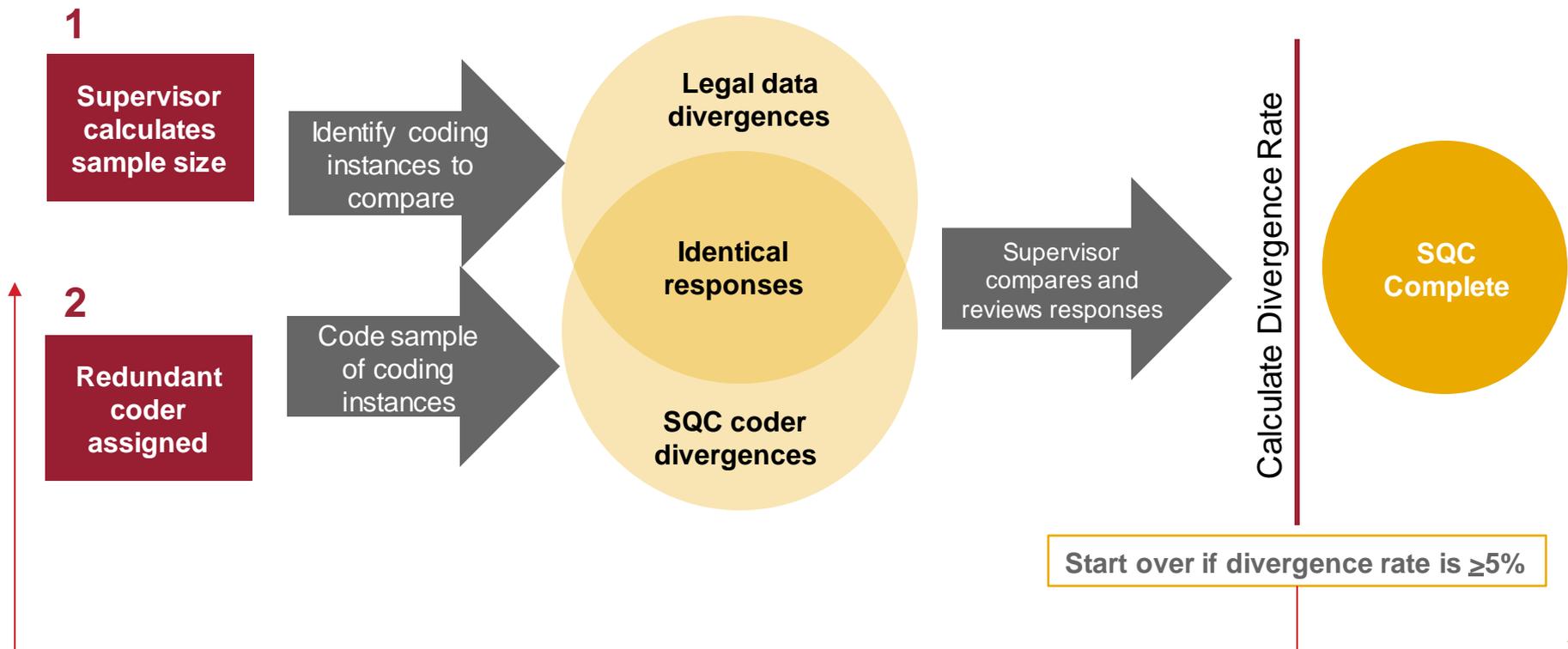
Effective Dates

- A few things to consider

  - Difficulty in identifying historical dates

  - Fewer resources/less time to complete a project

  - What is the purpose of collecting the data?

Bugs? Let us know!

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504 ERROR

The request could not be satisfied.

CloudFront attempted to establish a connection with the origin, but either the attempt failed or the origin closed the connection. We can't connect to the server for this app or website at this time. There might be too much traffic or a configuration error. Try again later, or contact the app or website owner.
If you provide content to customers through CloudFront, you can find steps to troubleshoot and help prevent this error by reviewing the CloudFront documentation.

Generated by cloudfront (CloudFront)
Request ID: UtE_avm6n7J_T_sQgPUBpwdz9GzTJkVMnFnuqMepdVr2h8qqZaFTQQ==

Don't hesitate to reach out!

Alexandra.hess@temple.edu

Alexander.frazer@temple.edu

Where are we headed?

Updates to MonQcle software

MonQcle Makeover

- Updates are under way!

- New and improved features

- Dynamic data visualization on LawAtlas

Questions?

PHLR.org

LawAtlas.org

Alexandra.hess@temple.edu

Alexander.frazer@temple.edu