



 **Transforming Everyday Life
into Extraordinary Ideas**





Advancing Opportunities for Research on Health and Aging: An Update on the Canadian Longitudinal Study on Aging

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on behalf of

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and the CLSA Research Team

June 21, 2016

Overview

- CLSA Research Platform
- Study Design
- Study Content
- Data Collection
- First Follow-up
- Data Availability
- Data Access



Canadian Longitudinal Study on Aging (CLSA)

- Strategic initiative of CIHR
- More than 160 researchers and collaborators – 26 institutions
- Multidisciplinary – biology, genetics, medicine, psychology, sociology, demography, economics, epidemiology, nutrition, health services
- Largest research platform of its kind in Canada



Design Overview

50,000 women and men aged 45 – 85 community dwelling at baseline

**Tracking (20,000)
Randomly selected
10 provinces**

**Comprehensive (30,000)
Randomly selected
25-50 km of 11 sites in 7 provinces**

Questionnaire
• By telephone (CATI)

Questionnaire
• In person, in home (CAPI)

**Physical Assessments
Blood, Urine**
• At Data Collection Site

20 year study: Full follow up every 3 years, maintaining contact in between

Data Linkage



Canadian Longitudinal Study on Aging
Étude longitudinale canadienne sur le vieillissement

2010 - 2015

2015

2018

CLSA Overview

TIME

20 Years

Participants
aged 45 to 85
at baseline
(51,388)

Enrolled

Baseline

FU-1

FU-2

FU-3

FU-4

FU-5

FU-6

Questionnaire data (telephone
and in-person interviews)
(51,338)

Active follow-up (FU) every 3 years

- Questionnaire
- Physical assessments
- Biological specimens

- Health-care utilization
- Disease registries
- Mortality databases

Physical assessments
and biological
specimens
(30,097)

Data and Biological Sample Repositories

Researchers

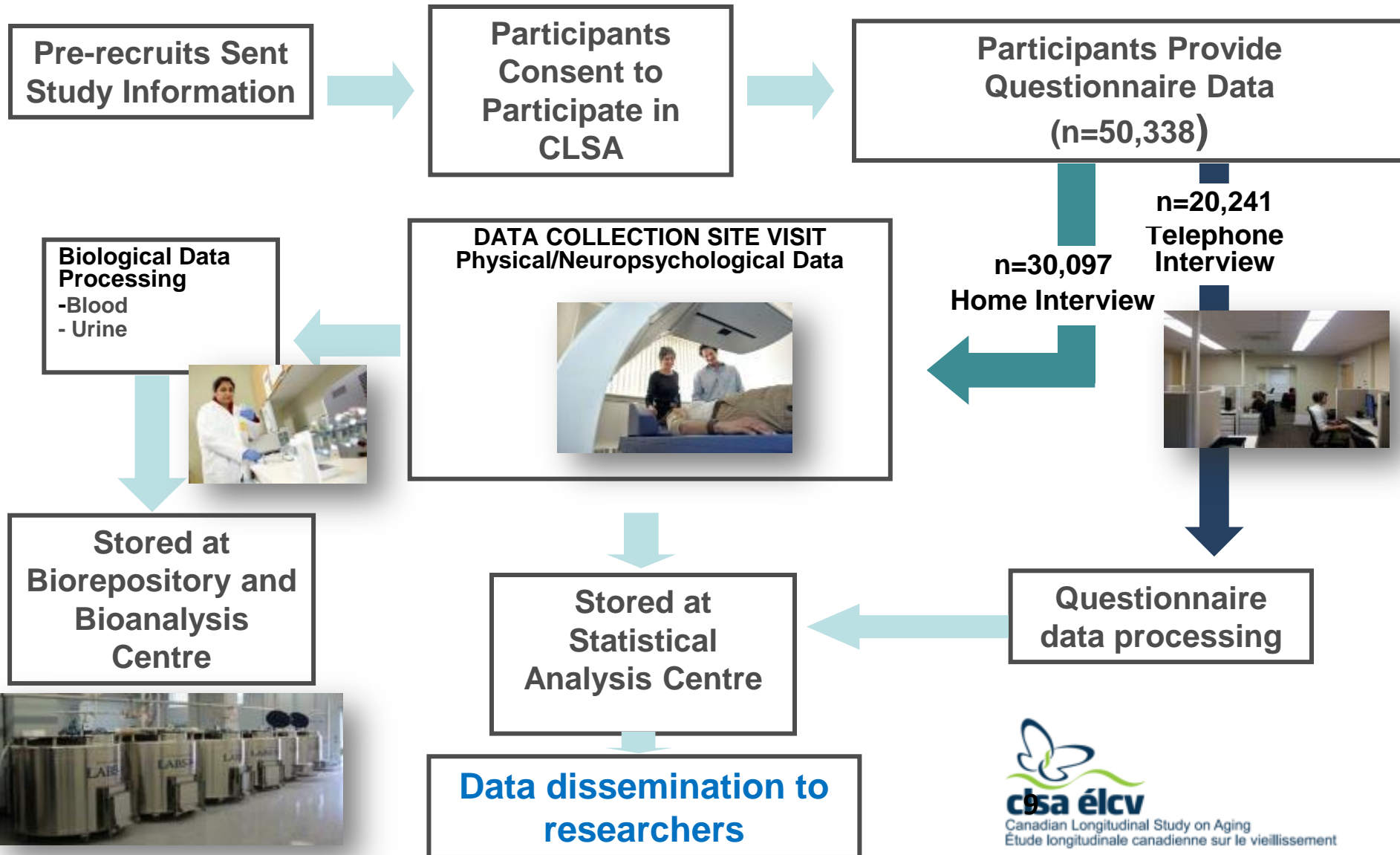
Recruitment Sampling Frame

- Partnered with Statistics Canada
 - CCHS 4.2 Healthy Aging Survey
 - 2006 census as an area frame to select households
 - Agreed to share contact information
- Partnered with provincial Ministries of Health
 - Health Card Registration databases
 - Mailouts, return Consent to Contact form
- Supplemented with Random Digit Dialing
 - Pre-recruitment, agree to recontact

National Scope Representative Sampling Frame



Innovative Electronic Data Capture



CLSA Depth and Breadth

Questionnaire Modules

- Age & Sex
- Socio-Demographic Characteristics
- Home Ownership
- Education
- Veteran Identifiers
- Height & Weight
- Smoking & Alcohol Use
- General Health
- Women's Health
- Vision
- Hearing
- Instrumental Activities of Daily Living
- Basic Activities of Daily Living
- Chronic Conditions
- Functional Status
- Cognition
- Depression
- Satisfaction with Life
- Post-traumatic Stress Disorder
- Social Networks
- Social Support – Availability
- Social Participation
- Care Receiving – Formal & Informal
- Caregiving
- Injuries
- Falls and Consumer Products (e.g. assistive devices)
- Retirement Status
- Retirement Planning
- Pre-Retirement Labour Force Participation
- Labour Force
- Income

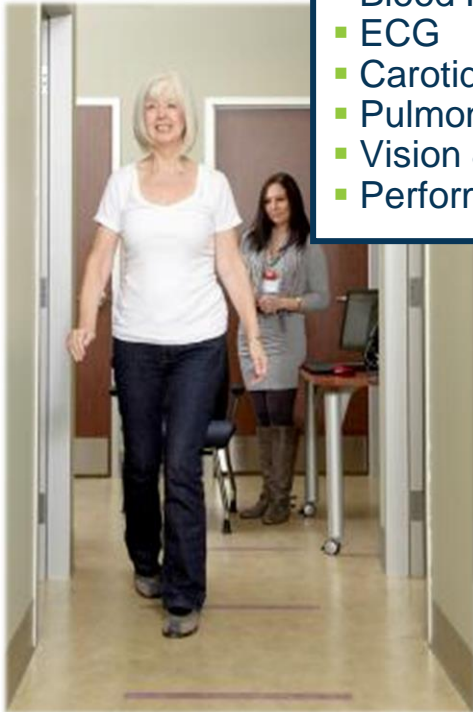


CLSA Depth and Breadth

Physical Assessments

Physical Assessments:

- Height, Weight, BMI
- Bone Density, Body Composition, Aortic Calcification
- Blood Pressure
- ECG
- Carotid Intimal-Medial Thickness
- Pulmonary Function
- Vision & Hearing
- Performance testing



Biospecimen Collection:

- Blood
- Urine

Cognitive Assessments:

- Neuropsychological Battery
 - Memory
 - Executive function
 - Reaction time



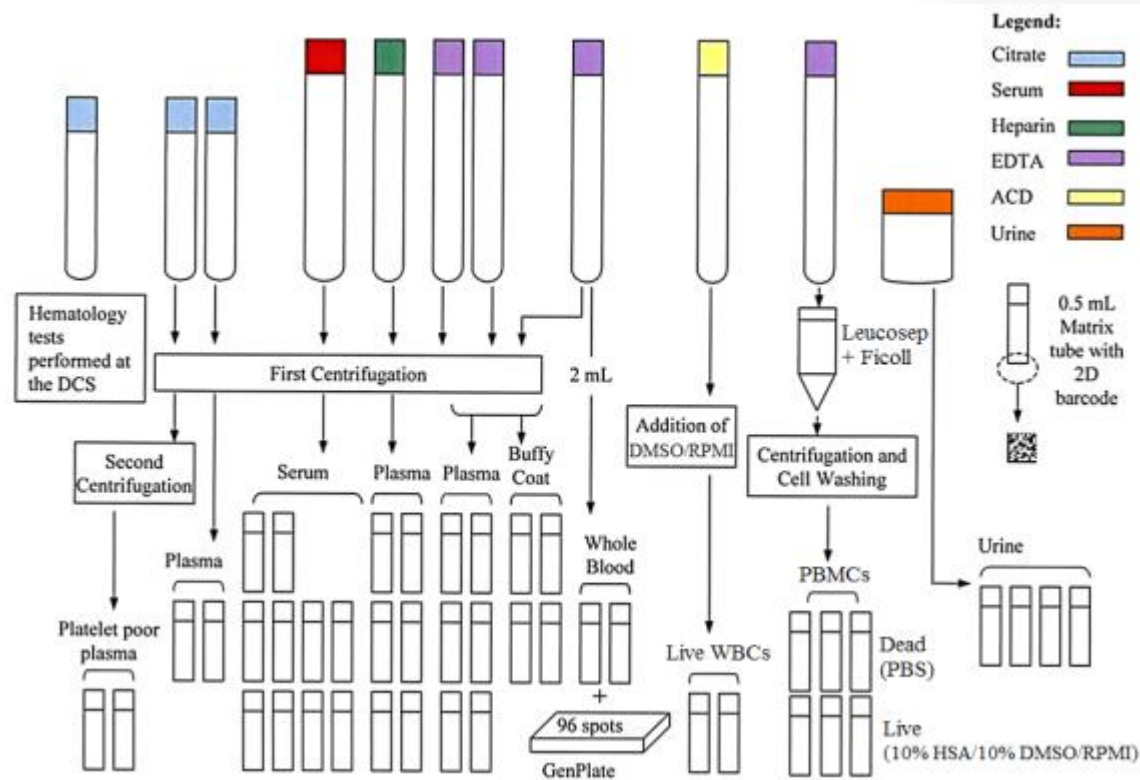
Canadian Longitudinal Study on Aging
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Bio specimen processing 42 aliquots per participant



- Basic hematologic tests done on site
- Remainder processed, frozen within 2 hours
- Shipped weekly
- Stored in Nitrogen tanks at BBC McMaster



Canadian Longitudinal Study on Aging
Étude longitudinale canadienne sur le vieillissement

2010 - 2015

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(51,388)

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FU-4

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FU-6

Questionnaire data (telephone
and in-person interviews)
(51,338)

Physical assessments
and biological
specimens
(30,097)

Active follow-up (FU) every 3 years

- Questionnaire
- Physical assessments
- Biological specimens

- Health-care utilization
- Disease registries
- Mortality databases

Data and Biological Sample Repositories

Researchers



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Étude longitudinale canadienne sur le vieillissement

First Follow-Up: New Content

- Child maltreatment
- Elder abuse
- Epilepsy
- Arterial stiffness
- Unmet health-care needs
- Workability
- Preventive health behaviours
- Enhanced hearing, oral health and transportation
- Sexual orientation and gender identity
- Subjective cognitive decline
- Loneliness
- Decedent information



First Follow-Up: Accommodation Strategies

- **Changing circumstances**

- Migration out of area
- Cognitive impairment
- Physical impairment
- Sensory impairment
- Institutionalization



- Accommodation strategies to maintain long-term participation
- Allows for flexible participation
- Baseline exclusion criteria no longer apply

Data and Biospecimen Access

- **Fundamental tenets:**
 - The rights, privacy and consent of *participants* must be protected and respected at all times
 - The confidentiality and security of *data and biospecimens* must be safeguarded at all times
 - CLSA data and biospecimens are resources that will be used optimally to support research to benefit all Canadians
 - No preferential or exclusive access



Who can apply?

- Researchers based in academic settings and research institutes in Canada
- International researchers may choose to collaborate with Canadian researchers to access data or biospecimens as long as the data and/or biospecimens are analyzed in Canada*
- Graduate students and postdoctoral fellows based at Canadian institutions



* Currently under review

What data are available?

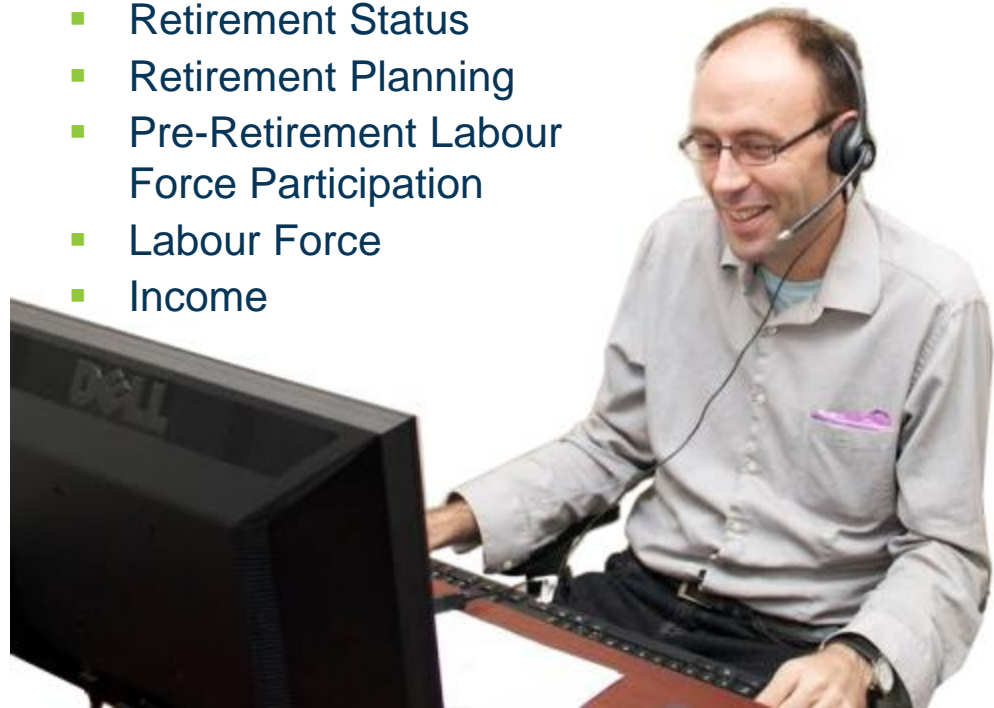
- **Data from 51,338 participants are available to the research community this spring including:**
 - Baseline questionnaire data from all 51,338 participants
 - Physical assessment data and hematological biomarker data from 30,097 participants who visited Data Collection Sites

60-minute Telephone Interviews

(21,241 Tracking participants)

Questionnaire:

- Age & Sex
- Socio-Demographic Characteristics
- Home Ownership
- Education
- Veteran Identifiers
- Height & Weight
- Smoking & Alcohol Use
- General Health
- Women's Health
- Vision
- Hearing
- Instrumental Activities of Daily Living
- Basic Activities of Daily Living
- Chronic Conditions
- Functional Status
- Cognition
- Depression
- Satisfaction with Life
- Post-traumatic Stress Disorder
- Social Networks
- Social Support – Availability
- Social Participation
- Care Receiving – Formal & Informal
- Caregiving
- Injuries
- Falls and Consumer Products (e.g. assistive devices)
- Retirement Status
- Retirement Planning
- Pre-Retirement Labour Force Participation
- Labour Force
- Income



In-Home Face-to-Face Interviews

(30,097 Comprehensive participants)

Questionnaire:

- Age & Sex
- Socio-Demographic Characteristics
- Home Ownership
- Education
- Veteran Identifiers
- Smoking & Alcohol Use
- Nutrition: Short Diet Questionnaire
- General Health
- Women's Health
- Vision
- Hearing
- Basic Activities of Daily Living
- Instrumental Activities of Daily Living
- Life Space Index
- Sleep
- Satisfaction with Life
- Post-traumatic Stress Disorder
- Care Receiving – Formal & Informal
- Caregiving
- Injuries
- Falls and Consumer Products (e.g. assistive devices)
- Retirement Status
- Pre-Retirement Labour Force Participation
- Labour Force
- Retirement Planning
- Income

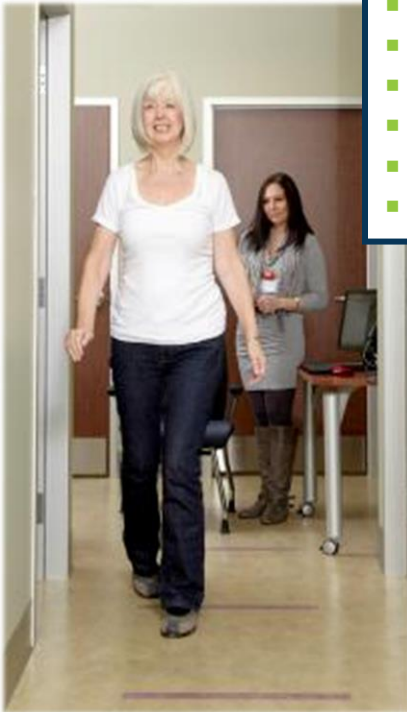


Data Collection Site Visits

(30,097 Comprehensive participants)

Physical Assessments:

- Height
- Weight
- Waist-Hip Ratio
- Blood Pressure
- ECG
- Spirometry
- Hearing
- 4m Walk
- Timed Up and Go
- Standing Balance
- Chair Rise
- Visual Acuity
- Tonometry
- Grip Strength



Biomarkers:

- Hematology



Questionnaire:

- Social Networks
- Social Support – Availability
- Social Participation
- Disease Symptoms
- Contraindications



Neuropsych Assessments:

- Rey Auditory Verbal Learning
 - Immediate and delayed
- Animal Naming Fluency Test
- Mental Alternation Test



CLSA ÉLCV
Canadian Longitudinal Study on Aging
Étude longitudinale canadienne sur le vieillissement

Hematology Data

(30,097 Comprehensive participants)

- White blood cells
- Lymphocytes
- Monocytes
- Granulocytes
- Red blood cells
- Hemoglobin
- Hematocrit
- Mean corpuscular volume
- Mean corpuscular hemoglobin
- Mean corpuscular hemoglobin concentration
- Red blood cell distribution width
- Platelets
- Mean platelet volume



30-minute Telephone Interviews

(51,388 Tracking and Comprehensive participants)

Questionnaire:

- Falls
- Pain and Discomfort
- Oral Health
- Snoring
- Parkinsonism
- Health Care Utilization
- Medication Use
- Dietary Supplement Use
- Nutritional Risk
- Physical Activities
- Psychological Distress
- Personality Traits
- Social Inequality
- Online Social Networking
- Transportation, Mobility, Migration
- Built Environments
- Wealth



Summary of Data Available Now

Dataset	N	Details
Tracking – Baseline 60-minute telephone interview (Version 3.0)	21,241	Alphanumeric questionnaire data + cognition data + open text data
Tracking Maintaining Contact Questionnaire - Baseline 30-minute telephone interview (Version 1.0)	21,241	Alphanumeric questionnaire data
Comprehensive Baseline in-home interview and Data Collection Site visit (Version 1.0)	30,097	Alphanumeric data: <ul style="list-style-type: none"> • Questionnaires • Physical assessments • Hematological biomarkers
Comprehensive Maintaining Contact Questionnaire - Baseline 30-minute telephone interview (Version 1.0)	30,097	Alphanumeric questionnaire data

Preparing an Application for Data Access

- Consult the Data and Sample Access Policy and Guiding Principles
- Review the pertinent sections of the CLSA protocol and the CLSA questionnaires
- Visit the DataPreview Portal to search datasets
- Complete the Data and/or Biospecimen Request Application
- Identifiable information will not be shared (e.g. six-digit postal codes, names, contact information)
- Queries should be sent to access@clsa-elcv.ca
- Queries related to biospecimens should be sent to bbc@clsa-elcv.ca



www.clsa-elcv.ca



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Font Size + -

Language en fr

Search



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Participants

- [Update your contact details](#)
- [Protecting your privacy](#)
- [Find out how the CLSA platform is being used](#)



Researchers

- [Spring 2016 data release](#)
- [DataPreview Portal](#)
- [Approved Projects](#)



Partners

- [Partners & Supporters](#)
- [Partnering with the CLSA](#)
- [Collaborate and Innovate](#)



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Étude longitudinale canadienne sur le vieillissement

Step 1– Review the Application Process

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Data Access

DataPreview Portal

Data Release Timelines

Data Access Application Process

Data Access Application Documents

Data and Biospecimens

FAQs

Data Access Application Process

- All data access requests to the Canadian Longitudinal Study on Aging must be reviewed by the Data and Sample Access Committee (DSAC).
- The CLSA welcomes applications from graduate students and postdoctoral fellows based at Canadian institutions who wish to use data for their thesis research or as part of their postdoctoral work.
- International researchers may choose to collaborate with Canadian researchers to access data or biospecimens as long as the data and/or biospecimens are analyzed in Canada.

We strongly advise potential applicants to review all of the information on this page before applying to use the CLSA platform.

Preparing an Application

- Please consult the [Data and Sample Access Policy and Guiding Principles](#), the pertinent



Canadian Longitudinal Study on Aging
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Data Application Documents

Application:



CLSA Data and Biospecimen Request Application

(last updated April 26, 2016)

Demande d'accès aux données et aux échantillons de l'ÉLCV

(dernière mise à jour le 26 avril 2016)

Instructions / Consignes

Completing an application / Remplir une demande

- Please consult the CLSA website for instructions, and policies and procedures for CLSA data and biospecimen access: www.clsa-elcv.ca (Data Access). Applicants are also encouraged to review the pertinent sections of the relevant CLSA protocol(s), Data Collection Tools and Physical Assessments in advance of completing the application. Additional information on the variables in the CLSA dataset is on the **CLSA DataPreview portal** / Veuillez consulter les consignes, les politiques et la procédure de demande d'accès aux données et aux échantillons sur le site Web de l'ÉLCV : www.clsa-elcv.ca (Accès aux données). Nous encourageons les demandeurs à consulter les sections pertinentes du protocole de l'ÉLCV (en anglais seulement), les outils de collecte de données et les tests physiques avant de remplir une demande d'accès. Des informations supplémentaires sur les variables contenues dans l'ensemble de données de l'ÉLCV sont disponibles sur le **Portail de données de l'ÉLCV**.
- Consult us for any questions regarding your application at access@clsa-elcv.ca / Veuillez adresser toute question relative aux demandes d'accès aux données de l'ÉLCV à access@clsa-elcv.ca.
- The application is composed of 3 parts. Part 1: General Project Information; Part 2: Data Checklist; Part 3: Biospecimen Checklist. Parts 2 and 3 are found on the CLSA website. / La demande est séparée en trois parties : 1^{re} partie : Renseignements généraux; 2^e partie : Sélection des données; 3^e partie : Sélection des échantillons biologiques. Les parties 2 et 3 sont disponibles sur le site Web de l'ÉLCV.
- Please ensure that you have completed **all of the sections of the application** form that are relevant to your application. Incomplete applications may result in processing delays or refusal of your application. / Assurez-vous de bien remplir **toutes les sections pertinentes du formulaire de demande d'accès**. Les demandes incomplètes pourront causer un retard dans le traitement de votre demande ou entraîner un refus.

Submitting an application / Envoyer la demande

- E-mail applications to access@clsa-elcv.ca, clearly indicating "Application for DSAC – your name" in the subject line / Envoyez la demande par courriel à access@clsa-elcv.ca en indiquant clairement, dans l'objet du courriel, le titre « Demande pour le DSAC – votre nom ».

Checklist:



Application ID / N° de la demande
(effective use only / usage interne seulement)

CLSA Application: Data Checklist Application Part 2 of 3

(last updated May 9th, 2016)

Demande de l'ÉLCV : Sélection des données Partie 2 de 3

(dernière mise à jour le 9 mai 2016)

SUMMARY / RÉSUMÉ

Please mark an X for the data that you are requesting from the CLSA BASELINE data collection: / Inscrivez un X à côté des données de la collecte INITIALE de données de l'ÉLCV que vous demandez.

- ☐ Section A: Questionnaires / Questionnaires
- ☐ Section B: Physical Assessments / Examens physiques
- ☐ Section C: Biomarkers measured in blood / Biomarqueurs mesurés dans le sang

Please mark with an X the modules containing the variables in the CLSA dataset that you are requesting. In the **Comments** section, include other relevant information concerning your request. / Inscrivez un X à côté des modules contenant les variables de l'ensemble de données de l'ÉLCV que vous demandez. Ajoutez toute autre information pertinente à votre demande à la section **Commentaires**.

SECTION A: QUESTIONNAIRES / QUESTIONNAIRES

Interview module Module de l'entrevue	Telephone Interview (Tracking Assessment) Entrevue téléphonique (Évaluation de surveillance)	Face-face Interview (in-home or DCS visit – Comprehensive Assessment) Entrevue en personne (à domicile ou au DCS – Évaluation globale)
Age / Age (AGE)	<input type="checkbox"/>	<input type="checkbox"/>
Sex / Sexe (SEX)	<input type="checkbox"/>	<input type="checkbox"/>
Socio-Demographic Characteristics / Caractéristiques socio-démographiques (SDC)	<input type="checkbox"/>	<input type="checkbox"/>
Country of birth / Pays de naissance	<input type="checkbox"/>	<input type="checkbox"/>
Ethnicity / Ethnicité	<input type="checkbox"/>	<input type="checkbox"/>
Culture / Culture	<input type="checkbox"/>	<input type="checkbox"/>
Language / Langue	<input type="checkbox"/>	<input type="checkbox"/>
Religion / Religion	<input type="checkbox"/>	<input type="checkbox"/>
Marital status / État matrimonial	<input type="checkbox"/>	<input type="checkbox"/>
sexuelle	<input type="checkbox"/>	<input type="checkbox"/>

Step 2 – Review CLSA Study Protocols

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Researchers

Protocols

Data Collection Tools

Physical Assessments

Data Support Documentation

Approved Project Summaries

Data Access

Researchers

The CLSA provides documents online to facilitate understanding of the study and how we are gathering and managing the data.

Protocols

[CLSA Protocol – Executive Summary](#)

[CLSA Protocol - Full Study Design and Baseline \(2008\)](#)

[CLSA Protocol – First Follow-up \(2015\)](#)

Data Collection Tools

Over the course of 20 years, the CLSA will be conducting full data collection every three years. At each major data collection event, the questionnaires and physical assessments remain largely the same for consistency, but there will be some additions to the data collection to further enhance the CLSA platform.

[Questionnaires](#)



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Step 3 – Review Questionnaires

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Researchers

Protocols

Data Collection Tools

Physical Assessments

Data Support Documentation

Approved Project Summaries

Data Access

Data Collection Tools

Below are links to all of the q
2011. Among the more than
than 21,000 people through
assessment. The remaining
data collection site visits, also
are also contacted 18 month
contact. During the Baseline
Maintaining Contact Question

Before you begin browsing the Data Preview Portal, we recommend that you look at the CLSA Protocols and Data Collection Tools – a collection of all questionnaires and tests administered during Baseline data collection.

You can download and search these files for terms of interest.

Baseline

[Telephone interview](#) - (60 minutes, data collected from September 2011 to May 2014)
[Telephone interview](#) - (30 minutes, data collected from September 2013 to December 2015)
[In-home, face-to-face interview](#) - (90 minutes, data collected from May 2012 to May 2015)
[Data Collection Site visit interview](#) - (2.5 hours, May 2012 to May 2015, including
Contraindications, Neuropsychological Battery and Disease Symptoms)

Step 4 - Data Preview Portal (DPP)

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Data Access

DataPreview Portal

Data Release Timelines

Data Access Application
Process

Data Access Application
Documents

Data and Biospecimens

FAQs

Data Preview Portal

Welcome to the
Alphanumeric data
statistics for indi

Questionnaire data
now available to

If you are new to

Questions. Currently, the CLSA DataPreview Portal is only available in English.

- Gateway to access for data and biospecimens
- Variable search mechanism providing simple descriptive statistics for selected variables
- Currently available for alphanumeric data only



Datasets

Tips for Using Data Preview Portal



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Search

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Datasets

A Canadian Longitudinal Study on Aging (CLSA) dataset holds and describes variables collected from participants at each wave of data collection. The variable search tool is designed to enable researchers to locate items of interest within available data collected from CLSA participants.

Currently
baseline
collection

Datasets
available

The *Variable Search* tool is designed to enable researchers to locate items of interest within available data. Please also consult the list of *Variables not yet available*.

[Variable Search](#)

Variables available in the baseline data release, with filtering and search options.

[Variables not yet available](#)

Open text variables not yet released



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Variables Not Yet Available

Variables not yet available

The following open text variables collected during the baseline interviews of the Tracking and Comprehensive participants are not part of the April 2016 release.

Data cleaning for these variables is ongoing. They will be added as they become available.

Open Text Variables - not included in April 2016 release	Tracking - Baseline	CoP - Baseline
Type of work	LFP_TYPE_SP_TRM	LFP_TYPE_SP_COM
Industry sector of work	LFP_IND_SP_TRM	LFP_IND_SP_COM
Longest type of work	LFP_LGTYPE_SP_TRM	LFP_LGTYPE_SP_COM
Industry sector of longest work	LFP_LGIND_SP_TRM	LFP_LGIND_SP_COM
Type of work	LBF_TYPE_NB_TRM	LBF_TYPE_NB_COM
Industry sector of work	LBF_BUSN_NB_TRM	LBF_BUSN_NB_COM
Longest type of work	LBF_LGTYPE_SP_TRM	LBF_LGTYPE_SP_COM
Industry sector of longest work	LBF_LGIND_SP_TRM	LBF_LGIND_SP_COM
Drug name for respiratory problem, Specify		CAO_MEDNAME_OTSP_COM
Drug name for diabetes, Specify		DIA_MEDINSNAME_OTSP_COM
Drug name for depression, Specify		DPR_MEDNAME_OTSP_COM
Drug name for high blood pressure, Specify		HBP_MEDNAME_OTSP_COM
Drug name for under-active thyroid, Specify		HYP_UTHYRMEDNAME_OTSP_COM

Labour Force

Medications



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Variable Search

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DataPreview Portal

SMART TIPS

- Variables from the Baseline interviews are preselected by default. To limit your search, select/deselect each under the 'Dataset' tab on the left
- Search for **Areas of Information** or **Scales** using the search bar below
- For **Variable Names** and **Labels**, use the search fields under the 'Variable' tab
- When searching multiple terms, default search mode is a conjunction (**AND**). To switch to (**OR**), use the **Advanced** option

Variable Dataset

- > Variable properties
- > Additional information
- > Areas of Information
- > Constructs for cognitive functioning and mental health
- > Constructs for general health
- > Constructs for the social domain

All e.g. alcohol, cancer, gender, cohort, twin

Clear



CMCQ | COM | TMCQ | TRM

Variables (5,197)

Datasets (4)

10

« « 1 2 3 ... » » 1 - 10 of 5197

Name	Label	Dataset
ADL_ABLAP_COM	OARS scale: Able to take care of appearance	COM
ADL_ABLAP_TRM	OARS scale: Able to take care of appearance	TRM
ADL_ABLBD_COM	OARS scale: Able to get out of bed	COM



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Selecting a CLSA dataset



DataPreview Portal

SMART TIPS

- Variables from all Baseline interviews are preselected by default
- Search for **Areas of Information** or **Scales** using the search fields
- For **Variable Names** and **Labels**, use the search fields
- When searching multiple terms, default search mode is 'AND'

- Variables from all 4 Baseline data collection events are preselected by default (CMCQ, COM, TMCQ & TRM)
- To limit your search, you can select/deselect each under the Dataset Tab on the left
- For example, you can choose to search only data from the COMPREHENSIVE assessment (COM, CMCQ)

The screenshot shows the DataPreview Portal interface. On the left, the 'Dataset' tab is selected. Below it, the 'Dataset properties' section shows a list of datasets: CMCQ, COM, TMCQ, and TRM, each with a checkbox and a count of 1. The 'COM' checkbox is checked. In the center, a search bar contains the text 'e.g. alcohol, cancer, gender, cohort, twin'. Below the search bar, a 'Clear' button and a filter button labeled 'CMCQ | COM' are visible. The filter button is circled in green. Below the filter button, the 'Variables (3,362)' and 'Datasets (2)' sections are shown. The 'Variables' section contains a table with columns 'Name' and 'Label'. The 'Datasets' section contains a table with columns 'Name', 'Label', and 'Dataset'. The 'Dataset' column in the 'Datasets' table is circled in green. The 'Dataset' column contains the value 'COM' for each row.

Name	Label	Dataset
ADL_ABLAP_COM	OARS scale: Able to take care of appearance	COM
ADL_ABLBD_COM	OARS scale: Able to get out of bed	COM
ADL_ABLBT_COM	OARS scale: Able to take bath	COM
ADL_ABLDR_COM	OARS scale: Able to dress	COM
ADL_ABLFD_COM	OARS scale: Able to feed	COM



Searching the DPP



DataPreview Portal

SMART TIPS

- Variables from all Baseline interviews are preselected by default. To limit your search, select/deselect each under the 'Dataset' tab on the left
- Search for **Areas of Information** or **Scales** using the search bar below
- For **Variable Names** and **Labels**, use the search fields under the 'Variable' tab
- When searching multiple terms, default search mode is a conjunction (**AND**). To switch to (**OR**), use the **Advanced** option

The screenshot shows the DataPreview Portal interface. On the left, there are two tabs: 'Variable' (highlighted with a green circle) and 'Dataset'. Below the tabs are sections for 'Variable properties', 'Name', 'Label', and 'Additional information'. The 'Name' and 'Label' sections each have a search box. A green arrow points from the 'Using the search fields' box to the 'Label' search box. Another green arrow points from the 'Using the search fields' box to the 'Variable' tab. A third green arrow points from the 'Using the drop-down menus' box to the 'Additional information' section. In the center, there is a search bar with a dropdown menu set to 'All' and a search box containing 'e.g. alcohol, cancer, gender, cohort, twin'. A green arrow points from the 'Using the search box' box to this search bar. Below the search bar, there is a 'Clear' button and a dropdown menu showing 'CMCQ | COM'. A green arrow points from the 'Using the search box' box to this dropdown menu. At the bottom right, there is a table with columns for 'Variable Name', 'Label', and 'Dataset'. The table contains several rows of data, including 'to take bath', 'COM', 'COM', 'COM', and 'COM'.

Variable Dataset

▼ Variable properties

▼ Name

Enter text to search...

▼ Label

Enter text to search...

► Additional information

► Areas of Information

► Constructs for cognitive functioning and mental health

All ▼ e.g. alcohol, cancer, gender, cohort, twin

Clear

CMCQ | COM ▼

Using the search fields

- Variable label (food, stress, injury,...)
- Variable name (INJ_BRKN_COM; ALC_HVST_TRM,...)

Using the search box

- Areas of Information (Lifestyle, Diseases, Medication,...)
- Scales (Life-space assessment, Kessler Psychological Distress,...)

Using the drop-down menus

- Areas of Information
- Constructs

Searching by Areas of Information or Scales



SMART TIPS

- Variables from all Baseline interviews are preselected by default. To limit your search, select/deselect each under the 'Dataset' tab on the left
- Search for **Areas of Information** or **Scales** using the search bar below
- For **Variable Names** and **Labels**, use the search fields under the 'Variable' tab
- When searching multiple terms, default search mode is a conjunction (**AND**). To switch to (**OR**), use the **Advanced** option

The screenshot shows the DataPreview Portal search interface. On the left, a sidebar contains a list of categories: "Variable properties", "Additional information", and "Areas of Information". The "Areas of Information" category is circled in green, and a green arrow points from this circle to a text box. The main search area features a search bar with the text "depression" entered, which is also circled in green. Below the search bar, a dropdown menu displays two results: "Center for Epidemiological Studies Depression Scale" and "Psychological distress and emotions". A green arrow points from the text box to the second result. Below the dropdown, there are buttons for "Variables (3,362)" and "Datasets (2)". At the bottom, a table lists variables with names like "ADL_ABLAF_CO", "ADL_ABLBD_CO", etc. A text box on the right contains a bulleted list explaining the search results.

Variable Dataset

All depression

Center for Epidemiological Studies Depression Scale
Constructs for emotional distress

Psychological distress and emotions
Cognition, personality and other psychological measures

Variables (3,362) Datasets (2)

10 1 2 3 ... 1 - 10 of 3362

- Areas of Information (Lifestyle, Diseases, Medication,...) and Scales (Life-space assessment, Kessler Psychological Distress,...) can be searched in the search bar, or from the dropdown menu on the left
- **Areas of Information group together variables around a common theme**
- For example, the search term 'depression' brings up both the CES-D Scale and the 'Psychological distress and emotions' AoI

Searching by Variable Name



DataPreview Portal

SMART TIPS

- Variables from all Baseline in
- Search for **Areas of Inform**
- For **Variable Names** and La
- When searching multiple ter

If you have already consulted the Data Collection Tools, and are familiar with the name of the variables you are interested in, you can enter them in the search field directly. For example, DEP - for variables from the CES-D Depression Scale.

Variable Dataset

Variable properties

Name

DEP

Label

Additional information

Areas of Information

Constructs for cognitive functioning and mental health.

Constructs for general health

All e.g. alcohol, cancer, gender, cohort, twin

Clear CMCQ | COM Name: match(DEP)

Variables (12) Datasets (2)

Name	Label	Dataset
DEP_BOTR_COM	CES-D 10 scale: Frequency easily bothered	COM
DEP_FFRT_COM	CES-D 10 scale: Frequency feel everything is an effort	COM
DEP_FLDP_COM	CES-D 10 scale: Frequency feel depressed	COM
DEP_FRFL_COM	CES-D 10 scale: Frequency feel fearful or tearful	COM
DEP_GTGO_COM	CES-D 10 scale: Frequency feel could not 'get going'	COM



Searching by Variable Label



DataPreview Portal

SMART TIPS

- Variables from all Baseline interviews are preselected
- Search for **Areas of Information** or **Scales** using the search field
- For **Variable Names** and **Labels**, use the search field
- When searching multiple terms, default search mode is AND

You can also search using Variable Labels, by entering them in the search field directly. Please note however, this search is not likely to return an exhaustive list of variables, overlooking those that may not have been labelled with your search term of interest.

Variable | Dataset

▼ Variable properties

- ▶ Name
- ▼ Label

depression

Clear [CMCQ | COM] + [Label match(depression)]

Variables (92) Datasets (2)

Name	Label	Dataset
DPR_AGE_NB_COM	Age of clinical depression	COM
DPR_CLINDEP_COM	Clinical depression	COM
DPR_CURRMED_IND_COM	At least one of the medications for depression is validated By YES	COM
DPR_EVRMED_COM	Ever taken medication for depression	COM
DPR_MEDCUR_COM	Currently taking drugs for Depression	COM



Conjunction Search - AND



DataPreview Portal

SMART TIPS

- Variables from all E
- Search for Areas
- For Variable Name
- When searching m

You can also perform searches with multiple criteria, entering an AOI (e.g. Psychological distress and emotions) and a Variable Label (e.g. depression). You then have the option of viewing intersection (AND) or union (OR) search results. For example, below, only 1 variable has the label 'depression' AND is also part of the Psychological distress and emotions AOI.

The screenshot shows the DataPreview Portal search interface. On the left, a sidebar contains a 'Variable' section with a 'Label' input field containing 'depression'. The main search area features a search bar with the text 'e.g.: alcohol, cancer, gender, cohort, twin'. Below the search bar, there are two criteria added to the search: 'CMCQ | COM' and 'Psychological distress and emo...'. These criteria are connected by an 'AND' operator. The search results are displayed in a table with columns 'Name', 'Label', and 'Dataset'. The table shows one result: 'K10_DEP_MCO' with the label 'K10 scale: Frequency of depression - past 30 days' and the dataset 'CMCQ'. Green arrows highlight the search criteria and the resulting variable.

Name	Label	Dataset
K10_DEP_MCO	K10 scale: Frequency of depression - past 30 days	CMCQ



Conjunction Search - OR

DataPreview Portal

SMART TIPS

- Variables from all E
- Search for Areas
- For Variable Name
- When searching multiple terms, default search mode is a conjunction (AND). To switch to (OR), use the **Advanced** option

By changing the operator to OR, you retrieve results that EITHER have the label 'depression', OR are part of the Psychological distress and emotion AOI – resulting in 120 variables.

Variable

Dataset

▼ Variable properties

▶ Name

▼ Label

depression

▶ Additional information

▶ Areas of Information

▶ Constructs for cognitive functioning and mental health

▶ Constructs for general health

All ▼ e.g. alcohol, cancer, gender, cohort, twin

Clear

CMCQ | COM

Psychological distress and emo...

OR

label:match(depression)

Basic

Variables (120)

Datasets (2)

10

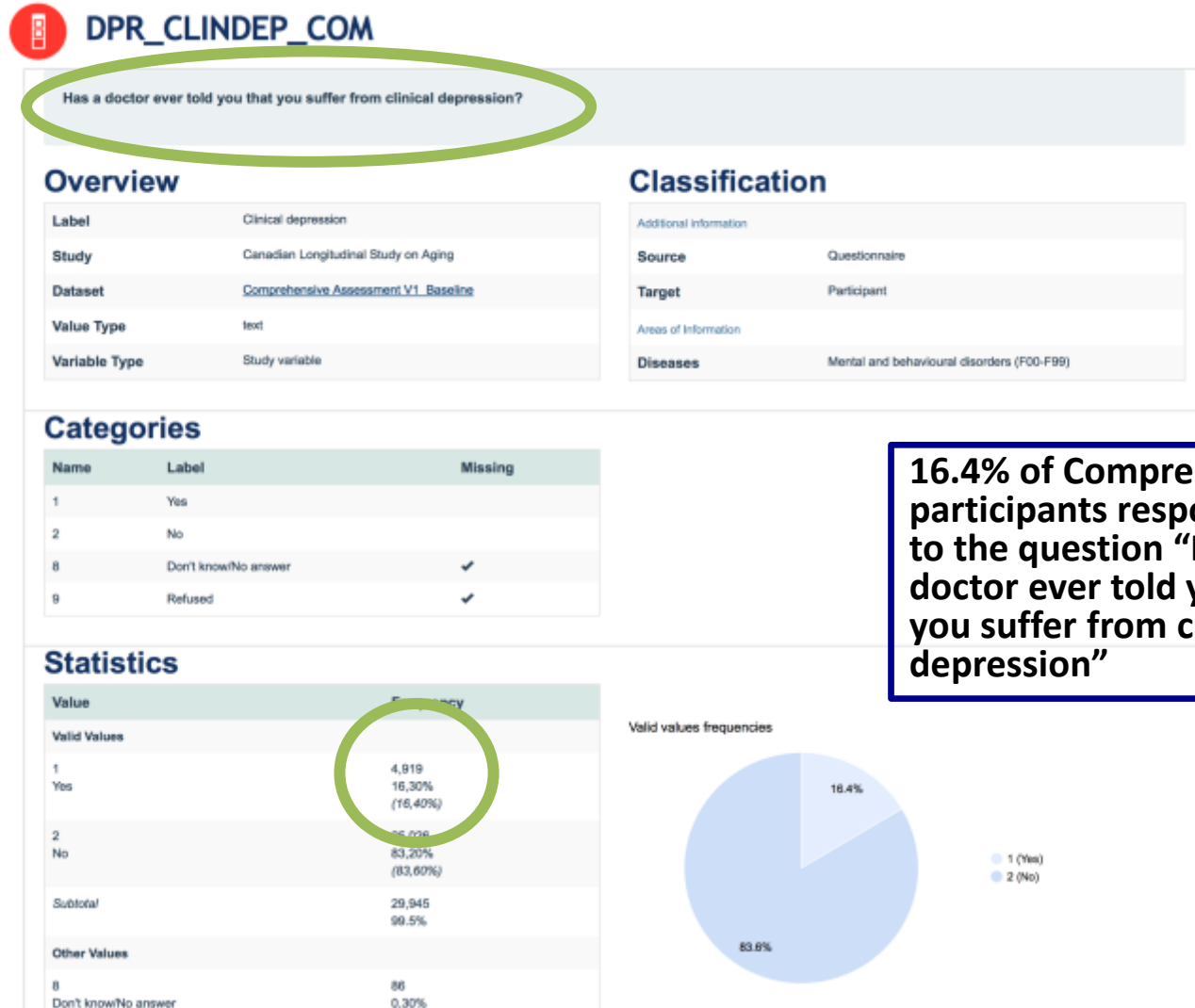
1 2 3 ...

1 - 10 of 120

Name	Label	Dataset
DEP_BOTR_COM	CES-D 10 scale: Frequency easily bothered	
DEP_FFRT_COM	CES-D 10 scale: Frequency feel everything	
DEP_FLDPR_COM	CES-D 10 scale: Frequency feel depressed	
DEP_FRFL_COM	CES-D 10 scale: Frequency feel fearful or tearful	COM
DEP_GTGO_COM	CES-D 10 scale: Frequency feel could not 'get going'	COM

You can change the operator – AND/OR using the 'Advanced/Basic' link here.

Obtaining Descriptive Statistics



16.4% of Comprehensive participants responded YES to the question “Has a doctor ever told you that you suffer from clinical depression”

Need More Information?

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Data Access

DataPreview Portal

Data Release Timelines

Data Access Application
Process

Data Access Application
Documents

Data and Biospecimens

FAQs

- › Data Access Questions
- › DataPreview Portal Questions
- › Application Questions

FAQs

Data Access

Still have questions?

Email us:

access@clsa-elcv.ca

How do I get access to the data?

Which data formats are available?

What do I do if I would like to obtain biospecimens?

What if there appears to be an error or omission in my data?

Can I apply for data as an international researcher?

What are the fees for access to CLSA data?

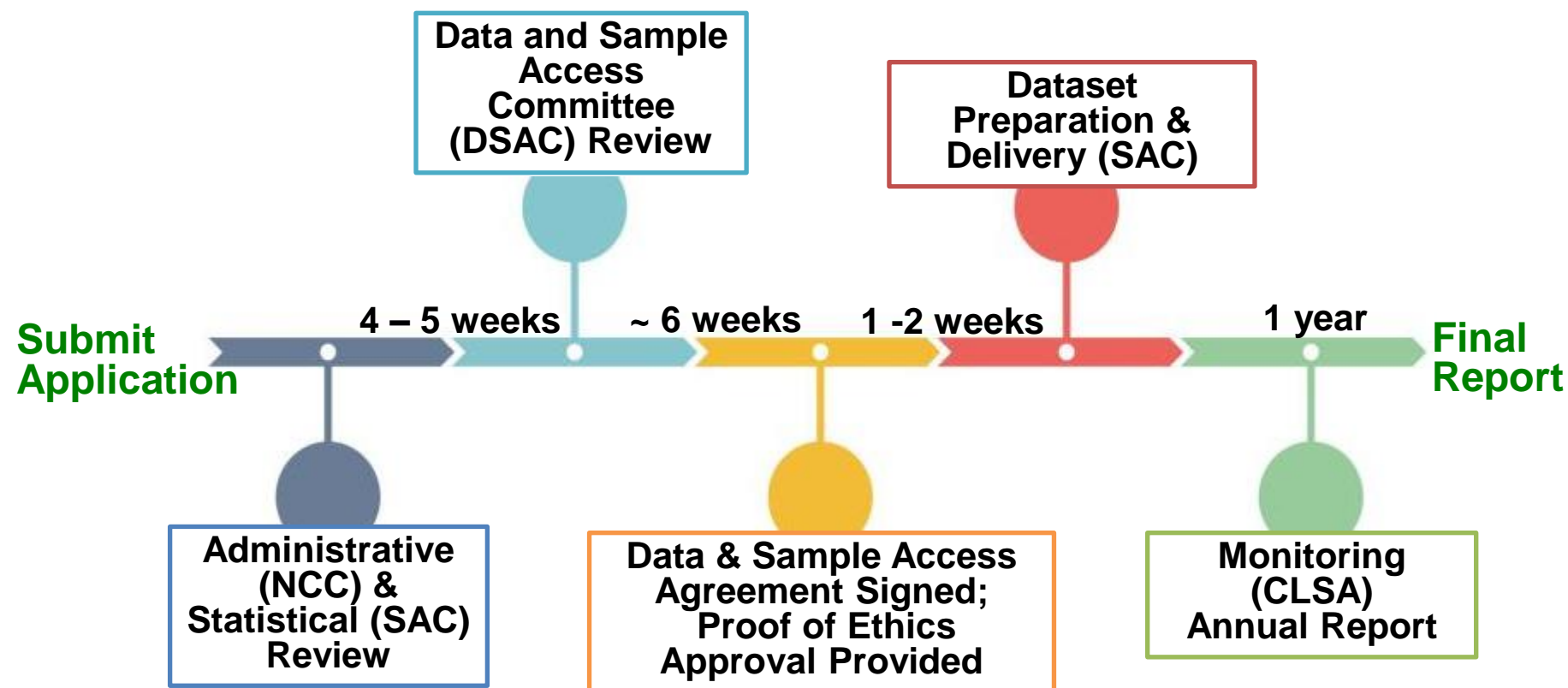


Canadian Longitudinal Study on Aging
Étude longitudinale canadienne sur le vieillissement

CLSA Data Access Fees

- Partial cost-recovery model
- \$3,000 for a straightforward alphanumeric dataset for any number of participants
- Additional fees applied for requests that require more complex customization
- No cost for graduate students who use CLSA data for their Master's or PhD theses
- One free dataset for postdoctoral fellows
- Derived variables returned to the CLSA database as appropriate

Data Access Process and Timeline



NOTE: All times are approximate; signing of Data and Sample Access Agreement between institutions is beyond the control of the CLSA

Aging

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News

Publications

Funding opportunity: Researchers invited to analyze Canadian Longitudinal Study on Aging (CLSA) data

May 17, 2016

Canadian researchers are invited to submit health research projects which make use of available CLSA data. The selected projects will help find ways to improve the health of Canadians by better understanding the aging process and the factors that shape the way we age.

Researchers in all areas of health are invited to submit applications as the data available from over 50,000 Canadians covers various aspects of people's lives, including biological, medical, psychological, social, lifestyle and economic aspects. The research projects should help us understand how these factors, taken individually and in combination, have an impact in both maintaining health and in the development of disease and disability as people age. This funding opportunity is restricted to the currently available alpha numeric data from the CLSA

While this funding opportunity is focused on the CLSA data, linkages with data from any other data sets (e.g. environmental data) are encouraged.

The [Canadian Longitudinal Study on Aging](#) is an initiative of the Canadian Institutes of Health Research. This specific funding opportunity is a partnership with the [Quebec Network for Research on Aging](#).


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Funding Opportunity Details

[Apply to this Opportunity](#)

Funding Organization Canadian Institutes of Health Research

Program Name Catalyst Grant : Analysis of CLSA Data
(Analysis of Canadian Longitudinal Study in Aging (CLSA) Data)

Sponsor(s) The CIHR Institutes of Aging, Population and Public Health, Circulatory and Respiratory Health, Gender and Health, and Musculoskeletal Health and Arthritis in partnership with the Réseau québécois de recherche sur le vieillissement (RQRV)

Program Launch Date 2016-05-17

Important Dates

Competition	201608ACD
Registration Deadline	2016-08-16
Application Deadline	2016-08-30
Anticipated Notice of Decision	2017-03-31
Funding Start Date	2017-03-01

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- [Eligibility](#)
- [Guidelines](#)
- [Performance Measurement](#)
- [Review Process and Evaluation](#)
- [How to Apply](#)
- [Contact Information](#)
- [Sponsor Description](#)

- \$1,205,000 available to fund up to 17 grants
- \$70,000 for up to one year
- Alphanumeric data only
- Researchnet application includes CLSA Data Access Request Application

CLSA Research Team

Scientific Management Team



**Co-principal Investigator
Christina Wolfson (McGill)**



**Lead Principal Investigator
Parminder Raina (McMaster)**



**Co-principal Investigator
Susan Kirkland (Dalhousie)**

CLSA Research Team

Operations Committee and Scientific Leads



CLSA Research Team

Principal Investigators, Site Investigators,
Working Group Leads, Key Co-investigators

UVic: Debra Sheets, Lynne Young, Holly Tuokko

UBC: Teresa Liu-Ambrose, Michael Kobor

SFU: Andrew Wister, Scott Lear

UCalgary: David Hogan, Marc Poulin, Eric Smith, Alex Chin, Hossein Sadrzadeh

UManitoba: Verena Menec, Phil St. John

McMaster: Parminder Raina, Cynthia Balion, Lauren Griffith, Andrew Costa, Harry Shannon, Christopher Patterson, Michael Veall, Guillaume Paré, Brenda Vrkljan

UOttawa: Vanessa Taler, Larry Chambers

McGill: Christina Wolfson, Ron Postuma, Brent Richards, Mark Lathrop

USherbrooke: Hélène Payette, Benoît Cossette

Dalhousie: Susan Kirkland

Memorial: Gerry Mugford

UToronto: Andrew Paterson

UWaterloo: Mark Oremus, Mary Thompson, Changbao Wu

Eindhoven University of Technology: Edwin van den Heuvel

+ Scientific working group members and co-investigators

CLSA Funders and Partners



Veterans Affairs
Canada



Anciens Combattants
Canada

Health PEI



The CLSA is funded by the Government of Canada through CIHR and CFI, and provincial governments and universities



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Connect
with us



Final Reminders

- For more information on the CIHR Funding Opportunity visit:
 - English: www.cihr-irsc.gc.ca/e/49778.html
 - French: www.cihr-irsc.gc.ca/f/49778.html
- Presentation slides and the webinar recording will be posted to the CLSA website:
 - www.clsa-elcv.ca/stay-informed/presentations
 - www.clsa-elcv.ca/stay-informed/clsa-webinars
- The 2016-17 CLSA Webinar Series returns in September with a focus on research projects using CLSA data. Visit our website for updates.



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