LENAD
Levantamento Nacional de Álcool e Drogas

UNIFESP
UNIVERSIDADE FEDERAL DE SÃO PAULO
1933

UNIAD
Unidade de Pesquisas em Álcool e Drogas

About the Survey

TED 01/2019
"Termo de Execução Descentralizada"
UNIFESP / SENAPRED

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Funding History

2006

I LENAD

Secretaria de Nacional de Políticas de Drogas (SENAD)
Governo Federal

SENAD

2012

II LENAD

INCT (Programa Institutos Nacionais de Ciência e Tecnologia)
Ministério da Ciência, Tecnologia e Inovação (MCTI),
Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq) & FAPESP.

inct
institutos nacionais de ciência e tecnologia

2021

III LENAD

Secretaria Nacional de Cuidados e Prevenção às Drogas (SENAPRED)
Ministério da Cidadania
Governo Federal

SENAPRED
Secretaria Nacional de Cuidados e Prevenção às Drogas

2006

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Main Sample
3007 14 yo +

Oversample
601 – Adolescents (14-17yo)

2012

IILENAD
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Main Sample
4607 14yo +

Oversample
1157 adolescentes
1160 SP State

2022

IIILENAD
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Main sample
12000 14yo+

Oversample
4000 adolescents

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Timeline
Field preparation

JAN/FEB 2021

Instruments
Revision LENAD2
Literature review

MAY/JUN 2021

Method design
sampling
Executer selection

SET/OCT 2021

Sampling definitions
Randomizations
Cognitive interviews
Instruments closure
Protocols of assistance

JAN 2022

Review procedures
Field prep
Maps & “croquis”

MAR/APR 2021

Instruments definition
Develop questionnaire

JUL/AUG 2021

Contract executor
Teams alignment

NOV/DEC 2021

Training interviewers
Logistics
PILOT

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Timeline
Data Collection

JAN TO JULY 2022

Data collection
Participants support

JUL/AUG 2022

Database consistency
Weightings

SEP / OCT 2022

Data Analysis

NOV/DEC 2022

Preliminary Results

JAN 2023

FINAL RESULTS
Reports & Papers

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Method

Design

- Nationally representative repetitive cross sectional study

Sampling

- Multistage cluster sampling
- Stratification based on Brazilian Statistic Center IBGE

Exclusion Criteria:

- **Indigenous populations**
- **Non portuguese speakers**
- **Serious Cognitive Impairment**

Ipsos

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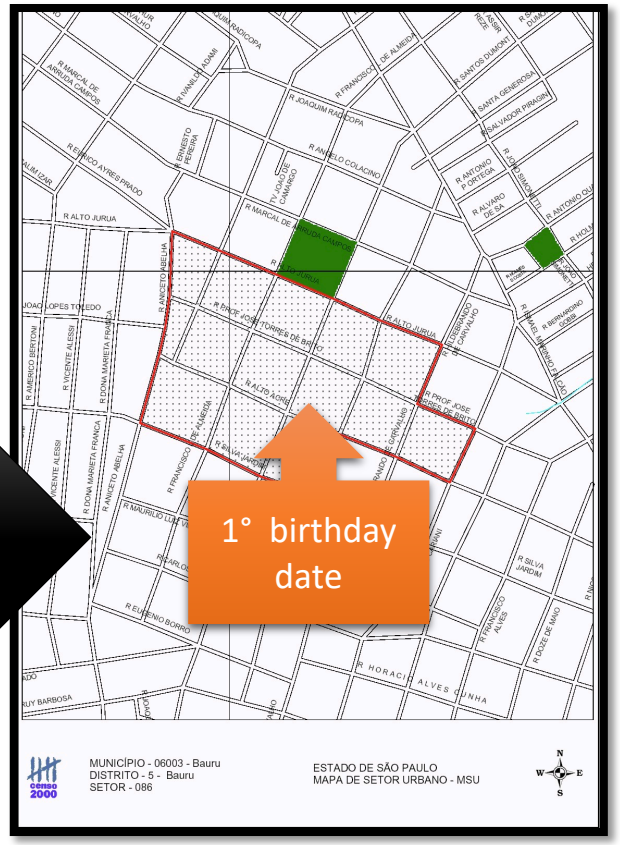
Stratified Probabilistic Sampling

4 Stages:

1º: Selection of cities (ppt)
2º Selection of census tracts (ppt)
3º Selection of household
4º Selection of participant (date of birthday)

Example



Levantamento nacional sobre o padrão de consumo de bebidas alcoólicas

2006

147
Randomised cities

70
Trained Interviewers

3007
Participants 14yo +

Oversample
Adolescents n=601

Método LENAD

II LENAD
Levantamento Nacional de Álcool e Drogas

2012

149
Randomised cities

100
Trained Interviewers

4607
Participants 14yo +

Oversample
Adolescents n=1157
SP n=1160

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Sampling

- **Main Sample:**
12.000 aged 14yo +

- **Adolescent oversample:**
4.000 14/18yo

- **Self representative cities:**
(440 census tracts)
- **Random selection cities:**
population => 333.547
- **11.334 census tracts**
- **9 interviews per tract**

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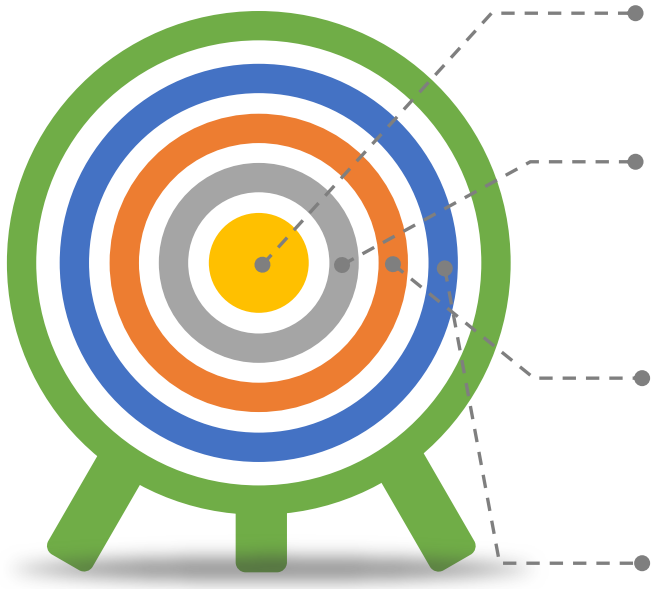
Assessments



AUDIT

SID10

DSM-IV

DSM-V

sds

ncpic national cannabis prevention and information centre

severity of dependence scale (sds)

Over the last 3 months:

1. **Did you ever think your use of cannabis was out of control?**
   - Never or almost never ☐ 0
   - Sometimes ☐ 1
   - Often ☐ 2
   - Always or nearly always ☐ 3

2. **Did the prospect of missing a smoke make you very anxious or worried?**
   - Never or almost never ☐ 0
   - Sometimes ☐ 1
   - Often ☐ 2
   - Always or nearly always ☐ 3

3. **Did you worry about your use of cannabis?**
   - Not at all ☐ 0
   - A little ☐ 1
   - Quite a lot ☐ 2
   - A great deal ☐ 3

4. **Did you wish you could stop?**
   - Never or almost never ☐ 0
   - Sometimes ☐ 1
   - Often ☐ 2
   - Always or nearly always ☐ 3

5. **How difficult would you find it to stop or go without?**
   - Not difficult ☐ 0
   - Quite difficult ☐ 1
   - Very difficult ☐ 2
   - Impossible ☐ 3

sds score _____ / 15

(NB) Please note there are two cut-off scores: one for adults; SDS score of 3 and the other for adolescents; SDS score of 4.

Swift, W., Copeland, J. & Hall, W. (1998). Choosing a diagnostic cut-off for cannabis dependence. *Addiction 93*, 1681-1692.

DOMAIN	INSTRUMENT	WAVE's COMPARISON			New in 2022
		LENAD I	LENAD II	LENAD III	
SOCIODEMOGRAPHICS	Padrão / PNAD19	X	X	X	Social vulnerability Pandemic impact
ALCOHOL	Padrão de uso / AUDIT / CIDI-WHO / DSM-5	X	X	X	Pandemic Impact
SUD SERVICES USE	Indicador		X	X	Pandemic Impact
DRINK & DRIVE	Indicador	X	X	X	
SMOKING	Use Pattern Fagerström Scale	X	X	X	CIDI-WHO / Indicators Pandemic Impact
OTHER DRUGS	Use Pattern SDS SCALE	X	X	X	Update SPA Pandemic Impact Severity of Dependence Scale all substances used in the prev. year
PHYSICAL ACTIVITY	BR COHORT		X	X	Impacto pandemia
DIET	BR COHORT		X		n/a
HEALTH	Adult Psychiatric Morbidity in England		X	X	Pandemic Impact COVID-19 e Vaccination indicators
PUBLICITY	Indicador	X			n/a
URBAN VIOLENCE	Indicador		X	X	ACE-Iq Scale
CHILDHOOD ADVERSE EXPERIENCES	Conflict Tactic Scale red.	X	X	X	Pandemic Impact
INTERPERSONAL PARTNER VIOLENCE	Conflict Tactic Scale red.	X	X	X	
QUALITY OF LIFE	WHOQOL-SRPB 100 (OMS)		X		n/a
DEPRESSION	CES-D / PHQ-9	X	X	X	PHQ-9 Scale Pandemic Impact
SOCIAL SUPPORT	Adult Psychiatric Morbidity in England		X	X	ACE-Iq Scale
RECENT ADVERSE EXPERIENCES	Adult Psychiatric Morbidity in England		X		n/a
SPIRITUALITY	WHOQOL-SRPB	X	X	X	WHOQOL-SRPB

New assessments 2022

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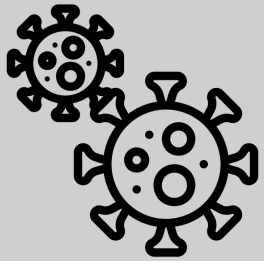
Other impulse disorders

- Intention to use
- Opioids
- SUD all drugs
- Drug & drive
- Impulsivity
- Eating disorders
- Smathphone addiction
- Internet addiction
- Gamming
- Gambling
- Darknet

Mental Health

- Anxiety
- Psychosis
- Parental style
- Suicide
- Self harm
- Diet
- Physical activities
- Normative beliefs



COVID Impacts

- Social impact
- Violence
- Treatment
- Drug use

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DOMAIN	INSTRUMENT
INTERNET ADDICTION	Problematic Internet Use- PIUQ-SF9
GAMMING	Internet Gaming Disorder Test
SMARTPHONE USE ADDICTION	Smartphone Addiction Inventory (SPAI)
DARKNET	Global Drug Survey
PSYCHOSIS	CAPE-20
DRUG USE BELIEFS & INTENTIONS	Prevention International Center
ANXIETY	GAD-7
EATING DISORDERS	SCOFF
PARENTAL STYLE & MONITORING	ACE-Iq e Prevention International Center

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Cities and census sectors

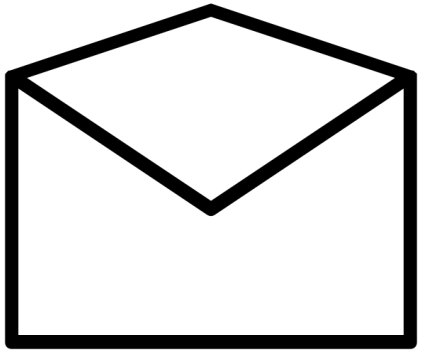
Region	Pop	Número de Setores Sorteados	Número de Municipios Sorteados
Centro-Oeste	6414401	60	20
Nordeste	29951143	270	90
Norte	8482787	75	25
Sudeste	36983982	330	110
Sul	17752167	165	55
Total	**99584480**	**900**	**300**

Sample error for each Region in each sample (considering rates of lenad2)

	Adultos	Adoles	Adultos	Adoles
	Amostra Proporcional		Margem de Erro 95%	
Norte	820	395	**5.1%**	**6.0%**
Nordeste	2,916	1,404	**2.8%**	**3.4%**
Sudeste	4,679	2,253	**2.1%**	**2.7%**
Sul	1,593	767	**4.4%**	**4.9%**
Centro-Oeste	792	381	**5.2%**	**6.6%**
Total	10,800	5,200	**1.4%**	**1.8%**

Self administrated questionnaire

Discrecy & Anonomicity



- ✓ All illicit drug use
- ✓ Suicide history
- ✓ Childhood adverse experiences (sexual violence)
- ✓ Hunger
- ✓ Risk expositions (unprotected sex, chemsex, promiscuity)
- ✓ Rape
- ✓ Prostitution

Ethics

PSYCHOLOGICAL SUPPORT TO PARTICIPANTS

Partnership with CAISM

Sobre o CAISM

O Centro de Atenção Integrada à Saúde Mental da Vila Mariana – CAISM VM – visa a oferta de serviços acadêmicos e assistenciais à saúde mental da população.

O CAISM VM dispõe de atendimento para diversas especialidades. São atendidos pacientes com condições psiquiátricas ou decorrentes do uso de substâncias psicoativas, de várias faixas etárias – crianças, adolescentes, adultos e idosos, objetivando oferecer uma assistência integral e de qualidade.

CONHEÇA NOSSO TRABALHO

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Limitations

- Cross sectional design
- Self-report measures
- Small sample of drug users
- Household study x crack use pattern

Strengths

- Nationally representative sample
- Validated measures
- Good response rate
- Adolescents oversample

COORDINATION

DIRECTOR & TED COORDINATOR

Ronaldo R. Laranjeira

Graduação em Medicina pela Escola Paulista de Medicina (1982), Residência em Psiquiatria pela EPM (1984) e Phd em Psiquiatria pela Universidade de Londres (1994). Professor titular do Departamento de Psiquiatria da Universidade Federal de São Paulo. Orientador do programa de pós-graduação em Psiquiatria e Psicologia Médica da UNIFESP. Diretor da UNIAD (Unidade de Pesquisa em Álcool e Drogas) da UNIFESP. Diretor-Presidente da SPDM - Associação Paulista para o Desenvolvimento da Medicina.

Currículo Lattes: http://lattes.cnpq.br/4152477223577402

Reseach Coordination

Clarice Sandi Madruga

Graduação em Psicologia pela PUCRS (2000), Mestrado em Neurociências (UFRGS - 2003), Mestrado em Psicologia com ênfase em Dependência Química (Substance Misuse, Sussex University - 2006), Doutorado e Pós-doutorado em Psiquiatria e Psicologia Médica (Universidade Federal de São Paulo / UNIFESP e Kings College London - 2012). Professora afiliada e pesquisadora do Departamento de Psiquiatria da UNIFESP. Pesquisadora da Unidade de Pesquisa em Álcool e outras Drogas (UNIAD). Coordena o Levantamento Nacional de Álcool e Drogas (LENAD) e o Levantamento das Cenas de Uso das Capitais (LECUCA).

Currículo Lattes: http://lattes.cnpq.br/0659290459957967