

DATE: August 7, 2023

MEMORANDUM

TO: The Honorable John F. Curran, Senate Minority Leader
The Honorable Don Harmon, Senate President
The Honorable Tony McCombie, House Minority Leader
The Honorable Emanuel "Chris" Welch, Speaker of the House

FROM: Grace B. Hou *Grace B. Hou*
Secretary *by [Signature]*
Illinois Department of Human Services

SUBJECT: **Annual Report on Electroconvulsive Therapy (ECT)**

The Illinois Department of Human Services respectfully submits the Annual Report on Electroconvulsive Therapy (ECT) on behalf of the Division of Mental Health in order to fulfill the requirements set forth in 405 ILCS 5/2-110.1.

If you have any questions or comments, please contact Laura Godinez, Deputy Director of Licensing and Quality Management at Laura.Godinez@illinois.gov.

cc: The Honorable JB Pritzker, Governor
John W. Hollman, Clerk of the House
Tim Anderson, Secretary of the Illinois Senate
Legislative Research Unit
State Government Report Center

State of Illinois
Department of Human Services
Division of Mental Health
Annual Report on Electroconvulsive Therapy (ECT)
2022

Effective January 1, 1998, the Illinois Mental Health and Developmental Disabilities Code was amended. 405 ILCS 5/2-110.1 requires all hospitals or facilities at which electroconvulsive therapy is administered to submit quarterly reports to the Department of Human Services for the purposes of reducing morbidity or mortality and improving patient care.

In addition, Section 405 ILCS 5/2-110.1 requires that the Department shall prepare and publish an annual written report summarizing the information received. The report shall not contain any information that identifies any facility, healthcare provider, physician, or patient.

Number of Hospitals reporting

**Data for the years 2007 – 2013 is unavailable

Year	1999	2000	2001	2002	2003	2004	2005	2006	**
# of Hospitals	62	61	52	38	33	32	32	46	
Year	2014	2015	2016	2017	2018	2019	2020	2021	2022
# of Hospitals.	20	15	12	12	14	12	12	12	9

The number of hospitals submitting reports indicating that they provide ECT has declined by 85% since 1999 (62 hospitals reporting in 1999 to 9 reporting in 2022). Some hospitals stopped providing ECTs due to staffing shortages, some reduced the number of ECTs done due to the COVID pandemic. Some hospitals did not submit reports during COVID stating they did not have the staff or time to submit reports.

Brief Summary CY2022

A total of 1889 people received ECT in 2022, all in non-federal, non-state funded settings. This is an overall decrease of 165 patients, from 2021 to 2022.

- Of the 1889 people who received ECT, 99% gave consent in some form.
- The majority were female (61%), Caucasian (85%) and aged 41-65 (41%).
- Just over half (53%) had Medicare.
- The average number of treatments given in a completed series was 5.
- The average number of maintenance treatments per month was 4.
- There were 4 adverse reactions and no deaths.
- There were no other issues to report.

DETAIL

1. The number of persons who received therapy including:

- The number of persons who gave informed consent to the therapy.
- The number of persons confined as subject to involuntary admission who gave informed consent to the therapy.
- The number of persons who received the therapy without informed consent pursuant to Section 2-107.1; and
- The number of persons who received the therapy on an emergency basis pursuant to subsection (d) of section 2-107.1.

CONSENT	(a) Consent		(b) SIA Consent	(c) Without consent		(d) Emergency	TOTAL
# of people receiving Tx.	1879 (99%)		3 (<1%)		7 (1%)	0	1889
	Written	1813		Minor	0		
	Oral	20		Adult	7		
	MH Tx Preferred Declaration	0					
	POA	162					
	Plenary Guardian	22					
	Other	2					

NOTE: Some people received more than one kind of consent. Only 7 people were given treatment without consent.

2. The age, sex, and race of the recipients of the therapy.

AGE	0-14	15-17	18-21	22-40	41-65	65+	TOTAL
# of people receiving Tx	0	0	71 (4%)	391 (21%)	773 (41%)	654 (34%)	1889
SEX	Male	Female	Other				TOTAL
# people receiving Tx	733 (39%)	1154 (61%)	2 (<1%)				1889
RACE	White / Non Hisp	Hispanic	African American	Asian / Pac Island	Native American/ Alaskan	Other	TOTAL
# of people receiving tx	1612 (85%)	52 (3%)	135 (7%)	30 (2%)	4 (<1%)	56 (3%)	1889

3. Source of Treatment Payer

PAYER	Private	Medicare	Medicare + Supplement	Medicaid	Medicare & Medicaid	Self-pay	TOTAL
# of people receiving tx	528 (28%)	429 (23%)	423 (22%)	359 (19%)	134 (8%)	16 (<1%)	1889

4. The average number of electroconvulsive treatments administered for each complete series of treatments, not including maintenance.

In 2022, the average number of treatments administered per series was 5.
This is unchanged from 2021.

5. The average number of maintenance electroconvulsive treatments administered per month.

In 2022, the average number of maintenance treatments was 4 per month.
This is unchanged from 2021.

6. Any significant adverse reactions to the treatment as defined by rule.

There were 3 three adverse reactions noted as “Other” and described as, delirium, bit lip and asystole, 20 seconds. (<1%)

There was 1(<1%) medical complication noted as “other – chest pain,” which required transfer to ER.

7. Autopsy findings if death followed within 14 days after the date of the administration of the therapy.

In 2022, no deaths occurred within fourteen days of ECT.

8. Any other information required by the Department by rule.

None