

Table 1. Characteristics of Included Studies

First Author/ Year	Country	Setting	Inclusion Criteria	Study Years	Sample N	Suicide n	Follow-up, mo	Examined Instrument(s)	Suicide Detection
Randomized Controlled Trial									
Ducher 2006 ⁴⁸	France	20 Centers; outpatient	≥ 2 major depressive episodes; ≥ 25 MADRS score; age 18–70 y	NR	103	2	18	RSD	NR
Cohort Studies									
Beck 1999 ⁴⁵	USA	Outpatient mental health	Any mental health condition	1975–1994	3,701	30	180	SSI-C, SSI-W	Registry
Buglass 1970 ³⁴	United Kingdom	Specialized adult unit	Self-destructive acts	1962–1963, 1967	927	19 ^a	36	B & H, 3- and 9-item	Registry
Buglass 1974 ²⁹	United Kingdom	Specialized adult unit	Parasuicide	1968–1970	2,809	23	12	B & H, 6-item	Registry
Clark 1987 ⁴⁹	USA	Inpatient mental health	Depression; age 18–70 y	NR	593	14	24	Motto RE	Coroner/MD/family
Cooper 2006 ⁵⁰	United Kingdom	Emergency department	Self-harm	1997–2001	9,086	22	6	MSHR	Registry ^b
Harris 2005 ^{51,52}	United Kingdom	Inpatient mental health	Deliberate self-harm; age ≥ 15 y	1993–1997	2,489	54	Mean 62.4	SIS	Registry ^b
Katz 2017 ³⁵	Canada	Emergency department ^c	Any mental health condition; adults	2009–2013	5,462	77	Median 36	SAD, Modified SAD	Registry ^b
Kuerz 1988 ³²	Germany	Inpatient mental health, age ≥ 15 y	Deliberate self-harm	1981	421	13	12	GGCS; NSPQ; Pallis; SAD; B & H, 6-item	Personal follow-up
Lindh 2019 ²⁶	Sweden	Emergency department	Self-harm; age 18–95 y	2012–2016	804	19	12	SIS, C-SSRS, SUAS	Registry ^b
Lopez-Morinigo 2018 ⁵⁵	United Kingdom	Case register/ outpatient	Any mental health condition	2007–2015	13,758	81	80,769.2 Person-years	SLaM	Registry ^b
Motto 1985 ^{36–38}	USA	Inpatient mental health	Suicidal state or depression; adults	1969–1977	2,753	136	24	Motto RE	Registry/MD/coroner/ death certificate/ family
Naud 2010 ⁵⁶	Canada	Prison	Inmate; adults	1995–1996; 2006–2007	1,047	26	120	Suicide Probability Scale	Prison authorities/ coroner
Niméus 2000 ⁵⁷	Sweden	Inpatient mental Health ^{d,e}	Suicide attempt	1987–1997	191	8	12	SUAS	Registry
Niméus 2002 ⁵⁹	Sweden	Inpatient mental Health ^d	Suicide attempt	NR	555	22	Mean 54	SIS	Registry
Pallis 1984 ³³	United Kingdom	Inpatient mental health/emergency department	Suicide attempt; 3 sites with varying age criteria: ≥ 15 y, 13–81 y; and ≥ 17 y	NR	1,263	20	24	Pallis, 6- and 18-item; Modified SIS-7; Pallis, 6-item + Modified SIS-7; Pallis, 18-item + Modified SIS-7	Registry ^b
Randall 2019 ²⁷	Canada	Emergency department ^c	Any mental health condition; adults	2009–2012	7,872 events	76	12	C-CASA	Registry ^b
Samuelsson 2006 ⁶¹	Sweden	Inpatient mental health	Suicide attempt	NR	15	6	60	SIS	Registry
Simpson 2021 ³⁹	USA	Emergency department	General population; age ≥ 18 y	2016–2018	92,643 events	63	12	C-SSRS Screener	Registry
Steeg 2012 ²⁸	United Kingdom	Emergency department	Self-harm; age ≥ 16 y	2003–2007	29,571 events	92	6	MSHR, ReACT	Registry ^b
Steeg 2018 ⁶²	United Kingdom	Emergency department	Self-harm	2010–2012	4,000 events	18	6	MSHR ReACT, SAD, Modified SAD	Registry/coroner
Stefansson 2012 ⁶³	Sweden	Clinical follow-up after hospitalization	Suicide attempt; age ≥ 18 y	1993–1998	81	7	Mean 114	SIS, Modified SIS-4	Registry
Wang 1985 ⁴²	Denmark	Inpatient mental health	Suicide attempt; age ≥ 15 y	1980–1984	99	10	41	PIS	Hospital records/death certificate
Case-Control Studies									
Braucht 1970 ⁴⁰	USA	Adult inpatient mental health ^f	Any mental health condition	1961–1969	482	63	...	Revised SPS	Hospital records
Dahle 2005 ⁶⁶	Germany	Prison	Pre-trial inmate; adults	1991–2000	60	30	...	SSRP, Modified SSRP	Prison records
Dean 1967 ⁴¹	USA	Adult inpatient mental health ^f	Any mental health condition	1961–1965	172	16	...	SPS	Hospital records
Farberow 1974 ⁶⁷	USA	Adult inpatient mental health	US Veterans with any mental health condition	1966–1968	379	185	...	NHSPS	Hospital records
Frottier 2008 ³⁰	Austria	Prison	Pre-trial and sentenced inmate	1975–1999	484	173	...	VISCI	Prison records
Frottier 2009 ³¹	Austria	Prison	Pre-trial and sentenced inmate	2000–2004	165	55	...	VISCI	Prison records
van de Loo 1970 ¹⁹	Netherlands	Adult inpatient mental health	Suicide attempt	1960–1968	209	57	...	NSPQ	Registry/police reports

^aAuthors reported there were too few suicides in the 1967 cohort to permit meaningful analysis.
^bDefinition includes other causes that may be misclassified suicide deaths (eg, undetermined cause or accidental poisoning or probable suicide).
^cSubjects were drawn from same underlying population.
^dSubjects likely came from same underlying population.
^eStudy was designed as prospective analysis but controls were selected using case-control methodology.
^fSubjects were drawn from same underlying population.
Abbreviations: B & H = Buglass and Horton Scale, C-CASA = Columbia Classification System, C-SSRS Screener = Columbia Suicide Severity Rating Scale–Clinical Practice Screener, GGCS = Golden Gate Community Scale, IQR = interquartile range, MADRS = Montgomery-Asberg Depression Rating Scale, MD = physician, MSHR = Manchester Self-Harm Rule, NHSPS = Neuropsychiatric Hospital Suicide Prediction Schedule, NR = not reported, NSPQ = Nijmegen Suicide Prediction Questionnaire, PIS = Pierce Intent Scale, RE = Risk Estimator for Suicide, RSD = Suicidal Risk Assessment Scale of Ducher, SAD = SAD PERSONS Scale, SIS = Suicide Intent Scale (Beck), SLaM = South London and Maudsley NHS Foundation Trust, SPS = Suicide Potential Scale, SSI = Scale of Suicide Ideation (Beck), SSRP = Screening for Suicide Risk of Prisoners, SUAS = Suicide Assessment Scale, VISCI = Viennese Instrument for Suicidality in Correctional Institutions.