Me	dline			
Gro	up	Search terms		
		MeSH (subterms in MeSH)	Non MeSH	
ŧ1	Opiate Substitution Treatment	Opiate Substitution Treatment	Opiate Substitution	
		Substance Abuse Treatment Centers	Methadone	
		Dextropropoxyphene	Methadyl Acetate (LAAM)	
		Naltrexone	Substance Abuse Treatment	
		Buprenorphine	Dextropropoxyphene	
		Methadone	Naltrexone	
		Methadyl Acetate (LAAM)	Buprenorphine	
			Opiate Treatment	
			Treatment of opioid	
			Treatment for heroin	
			Maintenance	
			Prescription opioid	
			Opioid substitution	
			Opioid replacement	
			Codeine	
			Dihydrocodeine	
ŧ2	Mortality	Mortality	Mortal*	
		Cause of Death	Fatal*	
		Fatal Outcome	Death*	
		Mortality, Premature		
		Survival Rate		
3	Cohorts Studies	Cohort Studies	Cohort	
		Follow-Up Studies	Longitudinal	
		Longitudinal Studies	Prospective	
		National Longitudinal Study of Adolescent Health	Follow-up	
		Prospective Studies	Retrospective	
		Retrospective Studies	Rate	
4	Substance disorders	Substance-Related Disorders	Drug use*	
		Drug Overdose	Drug abuse*	
		Opioid-Related Disorders	Drug misuse*	
		Heroin Dependence	Drug dependence*	
		Morphine Dependence	Substance abuse*	
		Substance Abuse, Intravenous	Substance use*	
		Substance Withdrawal Syndrome	Substance misuse*	
			Substance dependence*	
			Addict*	
			Opioid dependence	
+1	AND #2 AND #3 AND #4:			

Appendix 1: Search strings by database [posted as supplied by author]

Embase		
Group	Search terms	
	EMTREE (subterms in EMTREE)	Non EMTREE
#1 Opioid Substitution Treatment	Drug dependence treatment	Opiate Substitution
	Methadone treatment	Methadone
	Nicotine replacement therapy	Methadyl Acetate (LAAM)
	Opiate substitution treatment	Substance Abuse Treatment
	Smoking cessation program	Dextropropoxyphene
	Drugs used in the treatment of addiction	Naltrexone
	Methadone	Buprenorphine
	Dextropropoxyphene	Opiate Treatment
	Naltrexone	Treatment of opioid
	Buprenorphine	Treatment for heroin
		Maintenance
		Prescription opioid
		Opioid substitution
		Opioid replacement
		Codeine
#2 Mortality	Mortality	Mortal*
12 Monuney	Death	Fatal*
	Accidental/cause of death	Death*
#3 Cohorts Studies	Cohort analysis	Cohort
	Follow-up	Longitudinal
	Longitudinal studies	Prospective
	Prospective studies	Follow-up
	Retrospective studies	Retrospective
		Rate
#4 Substance disorders	Drug dependence	Opiate Substitution
	Drug abuse pattern	Methadone
	Drug misuse	Methadyl Acetate (LAAM)
	Drug seeking behavior	Substance Abuse Treatment
	Multiple drug abuse	Dextropropoxyphene
	Narcotic dependence	Naltrexone
	Heroin dependence	Buprenorphine
	Morphine addiction	Opiate Treatment
	Opiate addiction	Treatment of opioid
	Substance abuse	Treatment for heroin
	Drug abuse	Maintenance
	Analgesic agent abuse	Prescription opioid
	Drug abuse pattern	Opioid substitution
	Drug misuse	Opioid replacement
	Intravenous drug abuse	Codeine
	Multiple drug abuse	Dihydrocodeine
#1 AND #2 AND #3 AND #4:	muniple drug douse	141
		141

PsycINFO			
Group	Search terms		
	THESAURUS (subterms)	Non THESAURUS	
Opioid Substitution Treatment	Maintenance Therapy	Opiate Substitution	
	Methadone	Methadone	
	Methadone Maintenance	Methadyl Acetate (LAAM)	
	Naltrexone	Substance Abuse Treatment	
		Dextropropoxyphene	
		Naltrexone	
		Buprenorphine	
		Treatment of opioid	
		Treatment for heroin	
		Maintenance	
		Prescription opioid	
		Opioid substitution	
		Opioid replacement	
#2 Mortality	Death and Dying (mortality)	Mortal*	
	Mortality Rate	Fatal*	
		Death*	
#3 Cohorts Studies	Cohort analysis	Cohort	
	Follow-up	Longitudinal	
	Longitudinal studies	Prospective	
	Prospective studies	Follow-up	
	Retrospective studies	Retrospective	
	-	Rate	
#4 Substance disorders	Drug Abuse	Opiate Substitution	
	Alcohol Abuse	Methadone	
	Drug Dependency	Methadyl Acetate (LAAM)	
	Inhalant Abuse	Substance Abuse Treatment	
	Polydrug Abuse	Dextropropoxyphene	
	Drug addiction	Naltrexone	
	-	Buprenorphine	
		Opiate Treatment	
		Treatment of opioid	
		Treatment for heroin	
		Prescription opioid	
		Opioid substitution	
		Opioid replacement	
		Codeine	
		Dihydrocodeine	
#1 AND #2 AND #3 AND #4:		486	

LILACS					
Group	Search terms*				
#1 Opioid Substitution Treatment	Opiate Substitution	Opiate Treatment			
	Methadone	Treatment of opioid			
	Methadyl Acetate	Treatment for heroin			
	LAAM	Maintenance			
	Substance Abuse Treatment	Prescription opioid			
	Dextropropoxyphene	Opioid substitution			
	Naltrexone	Opioid replacement			
	Buprenorphine	Codeine			
		Dihydrocodeine			
#2 Mortality	Mortality	Deaths			
#3 Cohorts Studies	Cohort	Follow-up			
	Longitudinal	Retrospective			
	Prospective	Rate			
#4 Substance disorders	Drug use*	Substance misuse*			
	Drug abuse*	Substance dependence*			
	Drug misuse*	Addict*			
	Drug dependence*	Addiction			
	Substance abuse*	Opioid dependence			
	Substance use*				
#1 AND #2 AND #3 AND #4:		182			

*All terms were searched in English and Spanish.