

Chronic Disease Prevention and health Promotion Section
Surveillance Framework

STATE OF NEVADA SURVEILLANCE PLAN 2013-2018 OVER DIABETES, HEART DISEASE AND STROKE				Level of Analysis			DISEASE		
TYPE OF MEASURES	GROUP	MEASURE DESCRIPTION	SOURCE	Demographical, State level only /Age group	Social Determinants (Race/Ethnicity, Income, Education) State level	Demographical and Social Determinants by County/Health District	DIABETES	HEART DISEASE	STROKE
Risk Factor Measures	Tobacco	Tobacco-use Prevalence	BRFSS	x	x	x	x	x	x
		Intensity of Tobacco use	BRFSS	x	x		x	x	x
		Intent to Quit in 12 last moths Prevalence	BRFSS	x	x		x	x	x
		Quiting Prevalence	BRFSS	x	x		x	x	x
		Smokeless tobacco prevalence	BRFSS	x	x	x	x	x	x
		How they get their own cigarettes	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Number of days Smoking on School property	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Frequency of daily smokers	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Try to Quit Smoking frequency	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Number of days using Smokeless tobacco within 30 prior days	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Use of smokeless tobacco on scholl property	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Number of days within 30 prior days smoke cigars, cigarettes, or little cigars	YBRSS (12 to 18+ Years Old)	x			x	x	x
	Nutrition	Pure fruit Juice Per day/week/Month	BRFSS	x	x		x	x	x
		Fruit(no Juice) Per day/week/month	BRFSS	x	x		x	x	x
		Beans(no long green beans)Per day/week/month	BRFSS	x	x		x	x	x
		Green vegetables Per day/week/month	BRFSS	x	x		x	x	x
		Orange-colored vegetables Per day/week/Month	BRFSS	x	x		x	x	x
		Other Vegetables Per day/week/Month	BRFSS	x	x		x	x	x
		Frequency of drinking soda or pop with Sugar	BRFSS (Diabetes Module)	x	x		x	x	x
		Eat 100% Fruit juices Times Per last week	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Eat Fruit (no juice) Times Per last week	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Eat Green Salad Times Per last Week	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Eat Potatoes (No fried any kind) Times Per last week	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Eat carrots Times per last week	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Eat Other vegetables Times Per Last week	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Drink Soda can bottle or glass of soda or Pop Times per last week/Per day	YBRSS (12 to 18+ Years Old)	x			x	x	x
		How many glasses of milk Per week/Per day	YBRSS (12 to 18+ Years Old)	x			x	x	x
	How many days did you have Breakfast Per week	YBRSS (12 to 18+ Years Old)	x			x	x	x	
	Physical Activity	Physical activity other than regular job, running,calisthecncs,golf,gardening,walking	BRFSS	x	x		x	x	x
		What type (from above) were you doing Last month?	BRFSS	x	x		x	x	x
		How many minutes or hours each time?	BRFSS	x	x		x	x	x
		How many times per week/month	BRFSS	x	x		x	x	x
		What other physical activity during past month	BRFSS	x	x		x	x	x
		How many times per week/month during past month	BRFSS	x	x		x	x	x
		How many minutes or hours each time?	BRFSS	x	x		x	x	x
		Prevalence of Adults who regularly engage in Moderate physical activity for at least 30 minutes and 5 or more times a week	BRFSS	x	x		x	x	x
Prevalence of Adults who regularly engage in Vigorous physical activity for at least 20 minutes and 3 or more times a week		BRFSS	x	x		x	x	x	

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		How many times Physical activity for at least 60 minutes per day during last week	YBRSS (12 to 18+ Years Old)	x			x	x	x
		How many times exercises to strengthen or tone your muscles during last week	YBRSS (12 to 18+ Years Old)	x			x	x	x
		How many days in an average week at school Physical education classes	YBRSS (12 to 18+ Years Old)	x			x	x	x
		On how many sports teams did you play past 12 months	YBRSS (12 to 18+ Years Old)	x			x	x	x
	TV-Time	On an average school day, how many hours with TV	YBRSS (12 to 18+ Years Old)	x			x	x	x
	Computer/ Videogames-Time	On an average school day, how many hours Computer or Videogames (computer in non-school work)	YBRSS (12 to 18+ Years Old)	x			x	x	x
	Healthy Environments	Population exposure to tobacco advertising and promotional Campaigns Community Assessments	Local Surveys/Community health Assessments			x	x	x	x
		Enabling Environments for tobacco products use	Local Surveys/Community health Assessments			x	x	x	x
		Enabling Environments for junk food consumption Community Assessments	Local Surveys/Community health Assessments			x	x	x	x
	Risk behaviors about weight and food	Perception of Self weight as slightly overweight or very overweight crossable with BMI overweight YBRSS	YBRSS (12 to 18+ Years Old)	x					
		Trying lose weight crossable with Perception of self weight as overweight categories	YBRSS (12 to 18+ Years Old)	x					
		Trying lose weight crossable with BMI overweight	YBRSS (12 to 18+ Years Old)	x					
	OBESITY-OVERWEIGHT Prevalence	ADULTS OVERWEIGHT PREVALENCE (BMI >=25.0 AND <30.0)	BRFSS and DMV	x	x	x	x	x	x
		ADULTS OBESITY - I - (BMI >30.0 AND <35.0)	BRFSS and DMV	x	x	x	x	x	x
		ADULTS OBESITY - II - (BMI >35.0 AND <39.9)	BRFSS and DMV	x	x	x	x	x	x
		ADULTS EXTREME OBESITY -III- (BMI >=40.0)	BRFSS and DMV	x	x	x	x	x	x
		Students 12 to 18+ Obese >95th percentile for based on Sex and Age-Specific Reference Data from the 2000 CDC Growth Charts	YBRSS (12 to 18+ Years Old)	x			x	x	x
		Students 12 to 18+ Overweight >=85th but <95th percentile for BMI based on Sex and Age- Specific Reference Data from the 2000 CDC Growth Charts	YBRSS (12 to 18+ Years Old)	x			x	x	x
	Screening	Diabetes/Sugar testing in past three years on non-diabetic persons (Screening Prevalence)	BRFSS Pre-Diabetes Module	x	x		x	x	x
		Pre-Diabetic/Borderline Diabetes Prevalence	BRFSS(Pre-Diabetes Module)	x	x		x	x	x
		Cholesterol Screening at least once in adult time life PREVALENCE	BRFSS	x	x		x	x	x
		How long since the last cholesterol screening	BRFSS	x	x		x	x	x
	BURDEN OF DISEASE		High Cholesterol Awareness Prevalence crossable with Diabetes Prevalence	BRFSS	x			x	x
Hypertension awareness PREVALENCE			BRFSS	x	x		x	x	x
PREVALENCES		Diabetes Prevalence	BRFSS	x	x		x		
		Diabetic Retinopathy PREVALENCE	BRFSS (Diabetes Module)	x	x		x		
		Age at Diabetes Diagnosis	BRFSS (Diabetes Module)	x	x		x	x	x

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		Myocardial Infarction/Heart Attack Prevalence	BRFSS	x	x			x	
		Coronary Heart Disease/Angina Prevalence	BRFSS	x	x			x	
		COPD Prevalence	BRFSS	x	x			x	
		Breathing shortness affecting Quality of Life	BRFSS	x	x			x	
		E.R. visit or Hospital admission in prior 12 months, because of COPD,Chronic Bronchitis or Emphysema	BRFSS	x	x			x	
	Disease Self care actions	Frequency of Blood Glucose Testing (No Health Provider)	BRFSS (Diabetes Module)	x	x		x		
		Feet Checking (Not a health Provider)	BRFSS (Diabetes Module)	x	x		x		
		Frequency of visits to a Health Care professional in past 12 months	BRFSS (Diabetes Module)	x	x		x		
	Evidence-Based Interventions by a Health Care Provider	Frequency of HbA1c test done by a Health Provider in past 12 months	BRFSS (Diabetes Module)	x			x	x	x
		Frequency of Feet checking by a Health Professional in past 12 months	BRFSS (Diabetes Module)	x			x		
		Last time Diabetic patient had a pupil-dilated eye exam by a Health Provider	BRFSS (Diabetes Module)	x			x		
		Curse of Class in how to manage your diabetes yourself	BRFSS (Diabetes Module)	x			x	x	x
		COPD/Bronchitis or Emphysema Diagnosed by a breathing test	BRFSS (Diabetes Module)	x				x	
	Oral Health	All permanent teeth removed Ages 65-74	BRFSS	x			x		
		Having had permanent teeth removed, Ages 45-74	BRFSS	x			x		
		Visit to Dental professional for treatment or cleaning within past year Age 18+	BRFSS	x			x		
		Time since last dental cleaning	BRFSS	x			x		
		Time since last visit to Dental professional-any reason	BRFSS	x			x		
	Hospital Stays All measures are Stays per 100,000 Pop. Deaths at hospital are Per 1,000 Pop	Number per 100,000 Pop of Hospital Stays Having Diabetes Type II as a Primary Diagnosis by type of payer	Hospital Discharge Billing Data	x	x	x	x	x	x
		Hospital Stays for Diabetes Type II as primary diagnosis, by type of Diabetes Complications Crossable with Uncontrolled or non stated as uncontrolled	Hospital Discharge Billing Data	x	x	x	x	x	x
		Number of Non-traumatic Lower extremity amputations with a primary diagnosis of Diabetes	Hospital Discharge Billing Data	x	x	x	x		
		Hospital Stays having Diabetes as Primary Diagnosis and Principal Diagnosis Category as Disease of the circulatory System, or Disease of the Respiratory System, or Endocrine, nutritional, metabolic Disease.	Hospital Discharge Billing Data	x	x	x	x	x	x
		Hospital stays having Cardiovascular Disease (Hypertension, secondary hypertension, heart disease, conduction Disorders, Chronic Pulmonary Heart disease, Stroke and Stroke Late Effects) as Primary diagnostic by Type of payer	Hospital Discharge Billing Data	x	x	x		x	x
		Hospital stays having Cardiovascular Disease (Hypertension, secondary hypertension, heart disease, conduction Disorders, Chronic Pulmonary Heart disease, Stroke and Stroke Late Effects) disorders as any secondary diagnostic.	Hospital Discharge Billing Data	x	x	x		x	x
		Stays with Congestive heart failure (CHF) Age 18 and Over	Hospital Discharge Billing Data	x	x	x		x	x

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		Hospital stays having Cardiovascular Disease (Hypertension, secondary hypertension, heart disease, conduction Disorders, Chronic Pulmonary Heart disease, Stroke and Stroke Late Effects) disorders as primary diagnostic. And Principal Diagnosis Category as Disease of the circulatory System or Diseases of the Respiratory System, or Endocrine, Nutritional, metabolic disorders.	Hospital Discharge Billing Data	x	x	x				
		In Hospital Deaths having Diabetes as a Primary Diagnosis by Type of complication	Hospital Discharge Billing Data	x	x	x				
		In Hospital Deaths having Cardiovascular Disease (Hypertension, secondary hypertension, heart disease, conduction Disorders, Chronic Pulmonary Heart disease, Stroke and Stroke Late Effects) disorders as primary diagnostic.	Hospital Discharge Billing Data	x	x	x		x	x	
	DEATHS	Top Ten Causes of Death	Nevada Electronic Deaths Registry	x			x	x	x	
		% of Early Deaths (less than 65 you.) caused by Cardiovascular Disease (underlying Cause), except Stroke.	Nevada Electronic Deaths Registry	x				x		
		% of Early Deaths (less than 65 you.) caused by Stroke (underlying Cause)	Nevada Electronic Deaths Registry	x					x	
		% of Early Deaths (less than 65 you.) caused by Diabetes (underlying Cause)	Nevada Electronic Deaths Registry	x			x			
		% of Diabetes as cause of death among total of Chronic Diseases(underlying cause)	Nevada Electronic Deaths Registry	x			x	x	x	
		% of Cardiovascular as cause of death among total of Chronic Diseases(underlying cause)	Nevada Electronic Deaths Registry	x				x	x	
		Number of cardiovascular death causes having a contributing cause of Diabetes	Nevada Electronic Deaths Registry	x			x	x	x	
Number of ESRI Causes of death, having Diabetes as a contributing cause	Nevada Electronic Deaths Registry	x			x					
Number of Cardiovascular causes of death having a contributing cause of Chronic Kidney Disease	Nevada Electronic Deaths Registry	x					x			
HEALTH CARE QUALITY (HOSPITALS AND PRIMARY CARE)	HEALTH CARE QUALITY INDICATORS: Health Care Quality NHQR-(NQF-endorsed measures), this Website provides COMPARISON with All State, Region, and baseline for the state. Measures already calculated, just copy and paste.									
	Type of Care: CLINICAL PREVENTION Area Measures	Percent of adults age 18 and over who have had their blood cholesterol checked within the last 5 years	NHQ ANNUAL REPORT (State Snapshots)	x	x				x	x
		High-risk people ages 18-64 who ever received a pneumococcal vaccination	NHQ ANNUAL REPORT (State Snapshots)	x	x			x	x	x
		Percent of high-risk persons ages 18-64 who received an influenza vaccination in the past 12 months	NHQ ANNUAL REPORT (State Snapshots)	x	x			x	x	x
		Adults age 65 and over who received an influenza vaccination in the last 12 months	NHQ ANNUAL REPORT (State Snapshots)	x	x			x	x	x

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	Type of Care: FOCUS IN DIABETES-Quality of Care- Area Measures	Adults age 40 and over with diagnosed diabetes who received a dilated eye examination in the calendar year	NHQ ANNUAL REPORT (State Snapshots)	x	x		x			
		Adults age 40 and over with diagnosed diabetes who received an influenza vaccination in the last 12 months	NHQ ANNUAL REPORT (State Snapshots)	x	x		x			
		Adults age 40 and over with diagnosed diabetes who received 2 or more hemoglobin A1c measurements in the year	NHQ ANNUAL REPORT (State Snapshots)	x	x		x			
		Adults age 40 and over with diagnosed diabetes who had their feet checked for sores or irritation in the calendar year	NHQ ANNUAL REPORT (State Snapshots)	x	x		x			
	Hospital	Admissions for uncontrolled diabetes without complications per 100,000 population, age 18 and over	NHQ ANNUAL REPORT (State Snapshots)	x	x		x	x	x	
		Admissions with diabetes with long-term complications per 100,000 population	NHQ ANNUAL REPORT (State Snapshots)	x	x		x	x	x	
		Deaths per 1,000 hospital admissions with congestive heart failure (CHF), age 18 and over	NHQ ANNUAL REPORT (State Snapshots)	x	x			x		
		Deaths per 1,000 hospital admissions with abdominal aortic aneurysm (AAA) repair, age 18 and over	NHQ ANNUAL REPORT (State Snapshots)	x	x			x		
		Deaths per 1,000 hospital admissions with percutaneous transluminal coronary angioplasty (PTCA), age 40 and over	NHQ ANNUAL REPORT (State Snapshots)	x	x			x		
	ENHANCED: HEALTH CARE QUALITY (HOSPITALS AND PRIMARY CARE)	HEALTH CARE QUALITY INDICATORS: ENHANCED MEASURES								
Cardiovascular condition		Aspirin use and discussion	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	x	x			x	x	
		Blood Pressure <140/90	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	x	x			x	x	
		Cholesterol management LDL-C Screening	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	x	x			x	x	
		Cholesterol management LDL- C Control (<100mg/dl)	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	x	x			x	x	
		Flu vaccination	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	x	x			x	x	x
		Pneumococcal vaccination	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	x	x			x	x	x

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	Ischemic vascular disease	Persistence of Beta-blocker treatment after a heart attack	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x		
		Assessment of thromboembolic risk factors(CHADS2)	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x	x	
		Atrial-fibrillation/flutter-Anticoagulation therapy	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x	x	
		Thrombolytic therapy	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x	x	
		Venous thromboembolism prophylaxis	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x	x	
		Assessed for rehabilitation	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X				x	
		After Stroke outpatient rehabilitation	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X				x	
	Comprehensive Diabetes care	Hemoglobin A1c Testing	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x	x	x
		HbA1c poor control (>9.0%)	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x	x	
		HbA1c control (<8.0%)	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x	x	
		HbA1c poor control (<7.0%) for diabetes in risk of cardiovascular/renal complication	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x	x	x
		LDL-C control (<100mg/dL)	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x	x	x
	Tobacco Use Cessation	Advising Smokers and tobacco user to quit	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x	x	x
		Discussion cessation strategies	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x	x	x
		Discussion cessation medications	H.E.D.I.S. Report, including Medicaid, Medicare and Commercial Insurances	X	X			x	x	x

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