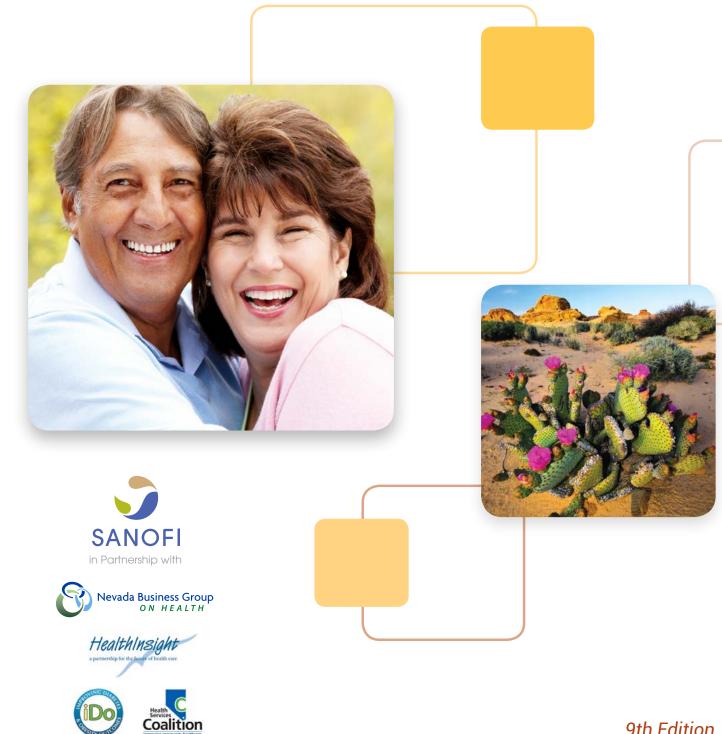
Nevada Type 2 Diabetes Report 2015

Featuring Demographic, Utilization, Charges and Pharmacotherapy Data



9th Edition



NEVADA TYPE 2 DIABETES REPORT

CONTENTS

Patient Demographics
Complications/Comorbidities4
Use of Services5
Inpatient Cases/ALOS6
Facility Charges7
Professional Charges8
Pharmacotherapy9
Persistency/Readmissions10
Other Conditions11-15
Position Statement



Provided by Sanofi U.S. Bridgewater, NJ Developed and produced by Forte Information Resources LLC Denver, CO www.forteinformation.com

> Data provided by IMS Health Parsippany, NJ

www.managedcaredigest.com

CONTACTS

Jerry Reeves, M.D. 702-743-1964 HealthInsight Nevada jreeves.healthinnovations@gmail.com

Terri Lightfoot775-329-8007Education and Programs DirectorNevada Business Group on Healthtlightfoot@nvbgh.org

Debby Beechey

480-209-9159

760-809-4325

Account Executive Sanofi U.S. debby.beechey@sanofi.com

David Pestonjee

Account Executive Sanofi U.S. david.pestonjee@sanofi.com

Introduction

Sanofi U.S. (Sanofi), in partnership with the Nevada Business Group on Health (NVBGH), iDo, HealthInsight and Health Services Coalition, is pleased to present the ninth edition of the Nevada Type 2 Diabetes and Cardiovascular Report for 2015, an overview of key demographic, utilization, charge, pharmacotherapy and readmission measures for Type 2 diabetes patients in key local markets in Nevada. The report also provides Los Angeles, Salt Lake City, state of Nevada and national benchmarks that can help providers and employers identify opportunities to better serve the needs of their patients. All data are drawn from the Sanofi Managed Care Digest Series®.

Sanofi, as sponsor of this report, maintains an arm's-length relationship with the organizations that prepare this report and carry out the research. The desire of Sanofi is that the information in this report be completely independent and objective.

This ninth edition features a number of examples of the kinds of disease-specific data on Type 2 diabetes that can be provided by the **Managed Care Digest Series®**. The sponsoring organizations chose Type 2 diabetes (high blood glucose levels caused by either a lack of insulin or the body's inability to use insulin efficiently) as the focus of this report, as the prevalence of this disease has grown considerably in recent years.

This report also includes discharge data for cardiovascular diseases and other conditions that affect Nevada patients. These data are included to help identify potential gaps in care.

The data in this report (covering 2009 through 2014) were gathered by IMS Health, Parsippany, NJ, a leading provider of innovative health care data products and analytic services. The data provide health care providers with independent, third-party information they can use to benchmark their own data on patient demographics, professional and facility charges, utilization and pharmacotherapy.

Methodology

IMS Health generated most of the data for this **Managed Care Digest Series®** report using health care professional and institutional insurance claims. Data for this report represent more than 8 million unique Type 2 diabetes patients in 2014 with a diagnoses in the 250.00–250.92 range.

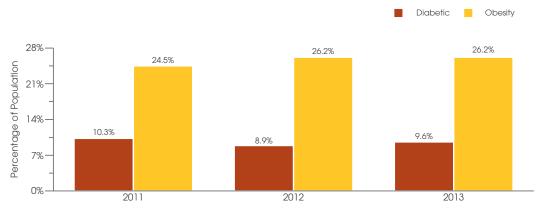
Inpatient case counts, average length of stay and inpatient charge data come from IMS Health's Hospital Procedure/Diagnosis (HPD) Database. This database contains an extensive set of hospital inpatient and outpatient discharge records, including actual diagnoses and procedures for about 75% of discharges nationwide (including 100% of Medicare-reimbursed discharges).

IMS Health also gathers data on prescription activity from the National Council for Prescription Drug Programs (NCPDP). These data represent some 2 billion prescription claims annually, or more than 70% of the prescription universe. These data represent the sampling of prescription activity from a variety of sources, including retail chains, mass merchandisers and pharmacy benefit managers. Cash, mail-order, Medicaid and third-party transactions are tracked.

DATA INTEGRITY

Patient-level, disease-specific data arriving into IMS Health are put through a rigorous process to ensure that data elements match to valid references, such as product codes, ICD-9 (diagnosis) and CPT-4 (procedure) codes, and provider and facility data. Claims undergo a careful de-duplication process to ensure that when multiple, voided or adjusted claims are assigned to a patient encounter, they are applied to the database, but only for a single, unique patient. Through its patient encryption methods, IMS Health creates a unique, random numerical identifier for every patient, and then strips away all patient-specific health information that is protected under HIPAA. The identifier allows IMS Health to track disease-specific diagnosis and procedure activity across many settings where care is provided.





PERCENTAGE OF NEVADA POPULATION WITH DIABETES OR OBESITY, 2011-2013

Data source: Centers for Disease Control and Prevention (CDC). Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2014

	FERCENTAGE OF TITE 2 DIABETES FAIleNIS, DT AGE, GENDER AND FAIER											
	Las V	/egas	Re	no	Los Ar	ngeles	Salt La	ke City	Nev	ada	NAT	ION
AGE	2013	2014	2013	2014	2013	2014	2013	2014	2013	2014	2013	2014
0–17	0.5%	0.5%	0.6%	0.8%	0.3%	0.4%	0.7%	0.9%	0.5%	0.6%	0.4%	0.5%
18-35	2.7	2.7	2.9	2.8	2.4	2.5	3.9	3.8	2.7	2.7	2.9	2.9
36-64	45.9	41.9	43.3	42.2	40.1	42.2	47.4	46.1	45.6	42.1	45.4	45.1
65–79	40.4	43.3	41.4	42.4	39.6	38.4	37.1	38.2	40.5	43.0	38.1	38.4
80+	10.6	11.5	11.8	11.9	17.6	16.5	11.0	11.0	10.7	11.7	13.2	13.2
GENDER												
Male	50.3%	49.8%	49.6%	50.1%	46.8%	46.9%	47.0%	48.3%	50.1%	49.7%	46.7%	46.8%
Female	49.7	50.2	50.5	49.9	53.2	53.1	53.0	51.7	49.9	50.3	53.3	53.2
PAYER												
Commercial Insurance ²	59.3%	55.2%	55.4%	53.5%	48.8%	49.8%	60.1%	59.9%	59.7%	56.2%	49.2%	48.9%
Medicare	34.5	36.6	40.1	40.4	44.4	38.6	32.8	33.0	35.5	37.3	40.5	39.7
Medicaid	6.2	8.2	4.5	6.1	6.8	11.6	7.0	7.1	4.8	6.5	10.4	11.5

PERCENTAGE OF TYPE 2 DIABETES PATIENTS, BY AGE, GENDER AND PAYER¹

NEARLY 10% OF NEVADA'S POPULATION IS DIABETIC

In 2013, 9.6% of the Nevada population self-reported a diabetes diagnosis, up from 8.9% in 2012. More than a quarter (26.2%) were told by a physician they were obese, up from 24.5% in 2011.

SHARES OF TYPE 2 DIABETES PATIENTS AGE 65+ ARE HIGH IN NEVADA MARKETS

Type 2 diabetes patients in Las Vegas (54.8%), Reno (54.3%) and across Nevada (54.7%) were more apt than their counterparts nationally (51.6%) to be age 65 or over in 2014. Although they did rise from 2013 to 2014, the percentages of Type 2 diabetes covered by Medicare fell shy of that of the nation (39.7%) in all three Nevada markets in 2014, as did the Medicaid shares. Commercial carriers covered notably larger portions of Las Vegas (55.2%), Reno (53.5%) and Nevada (56.2%) Type 2 diabetes patients than they did across the U.S. (48.9%) in 2014.

PERCENTAGE OF TYPE 2 DIABETES PATIENTS, BY DIAGNOSING SPECIALIST

	Primary	/ Care ³	Internal Medicine		Cardiology		Endocrinology	
MARKET	2013	2014	2013	2014	2013	2014	2013	2014
Las Vegas	13.7%	13.3%	17.8%	16.9%	11.2%	11.5%	2.9%	2.5%
Reno	17.4	17.8	10.0	9.2	6.7	8.0	3.0	2.2
Los Angeles	10.1	12.6	12.7	13.9	11.8	9.9	3.4	3.7
Salt Lake City	17.5	18.6	11.0	11.7	5.7	5.3	2.1	2.3
Nevada	14.4	13.7	15.9	15.1	9.9	10.5	3.0	2.5
NATION	15.3%	15.5%	14.9%	14.7%	10.3%	9.9%	3.4%	3.5%

¹ On pages 3–10, the percentages are representative of the universe of Type 2 diabetes patients for whom claims data have been collected in a given year.

- ² Includes HMOs, PPOs, point-of-service plans and exclusive provider organizations.
- ³ "Primary care" consists of both general and family practitioners.

NOTE: Inpatient/outpatient case counts data come from IMS Health's Hospital Procedure/Diagnosis (HPD) database and are current as of calendar year 2013. Throughout this report, the Los Angeles market includes Long Beach, and Salt Lake City includes Ogden.

COMMON COMPLICATION RATES ARE HIGH FOR NEVADA TYPE 2 DIABETES PATIENTS

The percentages of Nevada Type 2 diabetes patients with a complication of cardiovascular disease (57.1%), neuropathy (39.6%), nephropathy (38.7%) or hypoglycemia (13.9%) as a result of their diabetes were all higher than the percentages of such patients nationally in 2014. Furthermore, the share of Nevada Type 2 diabetes patients with more than two complications increased from the previous year (to 27.3% from 23.5%), and remained notably higher than the corresponding national average in 2014 (21.4%).

SHARE OF NV TYPE 2 DIABETES PTS. WITH >2 COMORBIDITIES INCREASES, TOPS U.S. MEAN

In 2014, the share of Type 2 diabetes patients in Nevada with more than two comorbidities increased to 41.8% from 38.5% in 2013. In both years, the shares of such Nevada patients were higher than the overall national means (39.1% and 38.2%, respectively).

¹ A complication is defined as a patient condition caused by the Type 2 diabetes of the patient. These conditions are a direct result of having Type 2 diabetes. Complications of Type 2 diabetes include, but are not limited to, cardiovascular disease, neuropathy, nephropathy, retinopathy and amputations.

² A comorbidity is a condition a Type 2 diabetes patient may also have, which is not directly related to the diabetes. Comorbidities were narrowed down to a subset of conditions which are typically present in patients with Type 2 diabetes. Comorbidities of Type 2 diabetes may include, but are not limited to, hypertension, hyperlipidemia and congestive heart failure.

PERCENTAGE OF TYPE 2 DIABETES PATIENTS, BY NUMBER OF COMPLICATIONS¹

	0		1		2		>2	
MARKET	2013	2014	2013	2014	2013	2014	2013	2014
Las Vegas	49.6%	46.3%	15.0%	14.1%	8.9%	9.0%	26.5%	30.6%
Reno	59.7	59.0	16.3	15.2	8.5	8.0	15.5	17.8
Los Angeles	59.2	54.1	16.3	15.9	8.0	8.7	16.4	21.3
Salt Lake City	65.8	62.5	14.7	14.4	6.8	7.2	12.7	15.9
Nevada	52.5	49.7	15.3	14.4	8.7	8.6	23.5	27.3
NATION	55.0%	54.3%	15.6%	15.5%	8.8%	8.9%	20.6%	21.4%

PERCENTAGE OF TYPE 2 DIABETES PATIENTS, BY ACTUAL COMPLICATION, 20141

MARKET	Cardiovascular Disease	Neuropathy	Nephropathy	Retinopathy	Hypoglycemia
Las Vegas	57.7%	41.6%	40.4%	15.6%	14.2%
Reno	51.9	32.8	32.5	19.2	9.3
Los Angeles	50.2	32.8	38.4	19.5	14.5
Salt Lake City	41.7	39.9	33.8	18.8	8.9
Nevada	57.1	39.6	38.7	16.8	13.9
NATION	56.2%	34.3%	32.9%	18.2%	8.8%

PERCENTAGE OF TYPE 2 DIABETES PATIENTS, BY NUMBER OF COMORBIDITIES²

	0		1		2		>2	
MARKET	2013	2014	2013	2014	2013	2014	2013	2014
Las Vegas	32.7%	30.5%	13.1%	12.3%	12.1%	11.6%	42.1%	45.6%
Reno	41.7	39.4	15.2	14.8	11.9	11.9	31.2	33.8
Los Angeles	53.2	45.6	14.4	15.3	9.8	11.2	22.7	27.9
Salt Lake City	51.7	46.9	13.8	13.5	11.1	12.4	23.4	27.3
Nevada	35.9	33.5	13.6	13.0	12.1	11.7	38.5	41.8
NATION	37.3%	36.3%	12.7%	12.7%	11.8%	11.9%	38.2%	39.1%

PERCENTAGE OF TYPE 2 DIABETES PATIENTS, BY ACTUAL COMORBIDITY, 2014²

MARKET	Hypertension	Hyperlipidemia	Congestive Heart Failure
Las Vegas	81.2%	65.1%	12.9%
Reno	75.8	58.1	10.9
Los Angeles	74.9	52.9	12.6
Salt Lake City	71.9	59.2	10.4
Nevada	79.7	63.8	12.7
NATION	79.6%	63.1%	12.4%

USE OF SERVICES

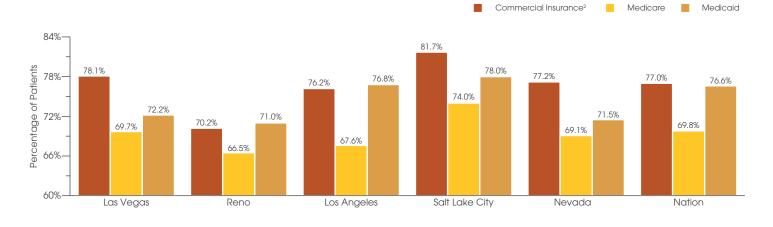


PERCENTAGE OF TYPE 2 DIABETES PATIENTS, BY SERVICE Blood Serum Urine Ophthalmologic A1c Glucose Cholesterol Microalbumin Test1 Exam Test Test Test 2013 2014 2013 2014 2013 2014 2013 2014 2013 2014 MARKET Las Vegas 75.0% 74.8% 86.3% 86.7% 83.8% 84.3% 63.2% 63.7% 73.8% 74.7% Reno 71.7 68.7 83.3 81.2 80.5 79.2 67.0 66.3 71.3 70.0 Los Angeles 71.2 72.6 87.2 87.9 84.4 85.3 65.2 66.0 66.3 67.9 85.7 69.7 Salt Lake City 78.6 78.9 85.4 63.5 69.6 82.6 82.6 63.7 Nevada 74.7 74.1 85.7 85.6 83.0 83.2 63.3 63.9 73.0 73.7 NATION 74.2% 73.9% 86.8% 86.7% 84.3% 84.4% 69.6% 69.7% 71.5% 71.4%

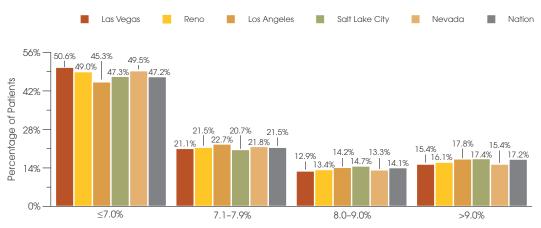
A1c TESTING RATE DIPS FOR TYPE 2 DIABETES PATIENTS ACROSS NEVADA

The portion of Nevada Type 2 diabetes patients who received an A1c test declined from 2013 (74.7%) to 2014 (74.1%), but remained above that of the U.S. (73.9%) in 2014. That year, this share was lowest, by profiled market, in Reno (68.7%).

PERCENTAGE OF TYPE 2 DIABETES PATIENTS RECEIVING A1c TESTS, BY PAYER, 2014¹



PERCENTAGE OF TYPE 2 DIABETES PATIENTS, BY A1c LEVEL RANGE, 2014¹



PORTION OF NEVADA TYPE 2 DIABETES PATIENTS WITH A1c ≤7.0% DECLINES IN 2014

In 2014, just under half of Nevada Type 2 diabetes patients had an A1c level at or below 7.0% on their latest test, a lower rate than that reported in 2013 (51.1%). This percentage also fell in both Las Vegas and Reno during this time. Just over 15% of Nevada Type 2 diabetes patients had an A1c level above 9.0% in 2014, a slightly lower percentage than that of the nation (17.2%).

Data source: IMS Health © 2015

¹ The A1c test measures the amount of glucose present in the blood during the past 2-3 months. Figures reflect the percentage of Type 2 diabetes patients who have had at least one A1c test in a given year.

² Includes HMOs, PPOs, point-of-service plans and exclusive provider organizations.

INPATIENT DIABETES MELLITUS CASE COUNTS ARE HIGH IN LAS VEGAS, RENO AND NV

Compared with the national average of 1,245.5, hospitals in Las Vegas (1,800.0), Reno (1,878.3) and Nevada (1,354.7) treated higher average numbers of diabetes mellitus inpatient cases in 2013.

ED SHARES OF NEVADA DIABETES, HYPOGLYCEMIA OUTPATIENT CASES ARE HIGH

Emergency departments (EDs) in Nevada hospitals treated 36.3% of diabetes mellitus outpatient cases and 60.2% of hypoglycemia outpatient cases in 2013, higher shares than those reported by hospitals nationally (24.7% and 45.1%, respectively).

ALOS DIPS, YET REMAINS HIGH VS. U.S. MEAN FOR DIABETES INPATIENT CASES IN LAS VEGAS

Despite a slight decline from 2012 (4.5 days) to 2013 (4.4 days), average length of stay (ALOS) per diabetes mellitus inpatient case treated in Las Vegas hospitals still exceeded the national average of 4.2 days in 2013. Reno recorded a 14.3% decline in this measure during this time (to 3.6 days from 4.2).

¹ "All Other Outpatient Cases" includes any outpatient visit that did not require surgery or arrive as an emergency. Services rendered include, but are not limited to, lab work and wellness visits, etc.

NOTE: Inpatient/outpatient case counts and average length of stay (ALOS) data come from IMS Health's Hospital Procedure/Diagnosis (HPD) database and are current as of calendar year 2013.

	Inpa	tient	Outpatient		
MARKET	2012	2013	2012	2013	
Las Vegas	1,744.7	1,800.0	5,444.9	4,433.2	
Reno	1,883.8	1,878.3	12,476.3	6,633.3	
Los Angeles	2,068.2	2,011.1	5,390.9	5,331.0	
Salt Lake City	1,220.5	1,062.5	6,322.2	5,656.6	
Nevada	1,360.8	1,354.7	6,294.3	3,888.4	
NATION	1,249.3	1,245.5	5,748.0	6,435.5	

DISTRIBUTION OF OUTPATIENT CASES, BY SETTING, 2013

	Emergency	Department	Ambulato	ory Surgery	All Other Outpatient Cases ¹		
MARKET	Diabetes Mellitus	Hypo- glycemia	Diabetes Mellitus	Hypo- glycemia	Diabetes Mellitus	Hypo- glycemia	
Las Vegas	38.5%	59.7%	15.0%	1.6%	46.5%	38.6%	
Reno	33.9	60.4	16.0	3.2	50.1	36.4	
Los Angeles	33.4	54.7	12.8	2.2	53.8	43.0	
Salt Lake City	24.5	51.6	17.2	3.5	58.3	44.9	
Nevada	36.3	60.2	13.6	1.9	50.1	37.9	
NATION	24.7%	45.1%	12.6%	7.6%	62.8%	47.3%	

AVERAGE LENGTH OF STAY (DAYS) PER HOSPITAL INPATIENT DIABETES MELLITUS CASE

MARKET	2012	2013	Percentage Change
Las Vegas	4.5	4.4	-2.0%
Reno	4.2	3.6	-14.3
Los Angeles	5.2	5.1	-1.9
Salt Lake City	3.8	3.4	-10.5
Nevada	4.0	3.9	-2.5
NATION	4.2	4.2	0.0%

AVERAGE LENGTH OF STAY (DAYS) PER HOSPITAL INPATIENT DIABETES MELLITUS CASE

2013 2012 6 5.2 5.1 5 4.5 4.4 -4.2-42 4.0 4 3.9 3.8 3.6 3.4 3 2 Las Vegas Reno Los Angeles Salt Lake City Nevada Nation

Data source: IMS Health © 2015

Average Length of Stay

	FACILITY CHARGE	ES PER YEAR FOR TYP	e 2 diabetes patien	TS ¹
	Hospital	Inpatient	Hospital C	Dutpatient
MARKET	2013	2014	2013	2014
Las Vegas	\$38,991	\$42,308	\$9,821	\$8,926
Reno	39,001	47,118	8,451	13,325
Los Angeles	48,005	50,033	14,637	14,540
Salt Lake City	34,369	31,193	12,132	13,600
Nevada	38,358	42,550	9,725	9,357

INPATIENT FACILITY CHARGES FOR TYPE 2 DIABETES PATIENTS, BY ACTUAL COMPLICATION, 2014

\$11,741

\$42,911

\$42,425

MARKET	Cardiovascular Disease	Hypoglycemia	Nephropathy	Neuropathy	Retinopathy
Las Vegas	\$42,729	\$42,792	\$45,659	\$43,515	\$48,578
Los Angeles	52,561	54,855	56,541	54,158	49,140
Nevada	44,225	44,799	46,404	42,770	40,160
NATION	\$47,308	\$51,590	\$50,577	\$48,380	\$43,722

FACILITY INPATIENT CHARGES PER YEAR FOR TYPE 2 DIABETES PATIENTS, BY PAYER¹

	Commercic	Il Insurance ²	Medicare		Medicaid	
MARKET	2013	2014	2013	2014	2013	2014
Las Vegas	\$39,644	\$36,944	\$38,111	\$44,980	—	—
Los Angeles	45,598	44,442	48,291	51,743	\$40,952	\$46,088
Salt Lake City	35,268	31,831	_	—	—	—
Nevada	37,978	38,657	39,194	44,980	—	—
NATION	\$38,482	\$40,320	\$40,525	\$41,492	\$39,330	\$40,771

FACILITY OUTPATIENT CHARGES PER YEAR FOR TYPE 2 DIABETES PATIENTS, BY PAYER¹

	Commercic	Il Insurance ²	Medicare		Med	icaid
MARKET	2013	2014	2013	2014	2013	2014
Las Vegas	\$8,856	\$8,440	\$8,801	\$9,436	\$4,378	—
Reno	5,996	12,067	12,732	14,771	—	_
Los Angeles	12,575	11,692	15,179	15,409	13,352	\$14,000
Salt Lake City	11,627	13,772	5,557	9,449	4,906	12,099
Nevada	8,614	9,499	10,452	8,869	3,723	—
NATION	\$9,847	\$10,171	\$10,577	\$10,920	\$9,753	\$11,278

Data source: IMS Health © 2015

NATION

With the exception of Salt Lake City (-9.2%), average annual facility charges for Type 2 diabetes inpatients (IPs) climbed in every profiled market between 2013 and 2014. Reno recorded the largest increase in such charges (20.8%), followed by Nevada (10.9%), Las Vegas (8.5%) and Los Angeles (4.2%). Nationally, these charges edged up 1.1%.

\$11,589

FACILITY CHARGES FOR TYPE 2 DIABETES INPATIENTS COVERED BY MEDICARE TOP U.S. MEAN

In 2014, average annual facility charges for Type 2 diabetes inpatients covered by Medicare in Las Vegas (\$44,980), Los Angeles (\$51,743) and Nevada (\$44,980) were higher than those of the nation (\$41,492). Furthermore, they increased in each market from 2013, when such charges in Las Vegas and Nevada trailed those of the nation. Of the profiled markets, Las Vegas recorded the highest growth rate (18.0%) in such charges.

¹ Figures reflect the charges generated by the facilities that delivered care. The data also reflect the amounts charged, not the amounts paid.

² Includes HMOs, PPOs, point-of-service plans and exclusive provider organizations.

NOTE: Due to low patient claims counts, hospital inpatient and outpatient charge data by payer were unavailable for some of the selected state and local markets.



PROFESSIONAL CHARGES FOR LAS VEGAS AND NV TYPE 2 DIABETES PTS. TOP U.S. MEAN

In 2013 and 2014, average annual professional charges for Type 2 diabetes patients in Las Vegas and Nevada exceeded those of the nation in every profiled setting. Furthermore, charges increased from 2013 to 2014 in these two profiled markets across the selected settings. For instance, such charges for patients treated in emergency rooms increased 51.4% in Las Vegas and 40.7% in Nevada. Nationally, these charges climbed 17.6%.

PROFESSIONAL CHARGES ARE HIGHEST FOR TYPE 2 DIABETES PTS. WITH HYPOGLYCEMIA

In all the profiled markets in 2014, professional inpatient charges were highest by selected complication for Type 2 diabetes patients with hypoglycemia. Among the markets shown, such charges were highest in Las Vegas (\$7,088), exceeding those of the nation (\$5,967) by 18.8%. The Nevada mean (\$6,851) was 14.8% higher than that of the nation. Salt Lake City recorded the lowest such charges (\$4,824).

- Professional charges are those generated by the providers delivering care to Type 2 diabetes patients in various settings.
- ² Includes HMOs, PPOs, point-of-service plans and exclusive provider organizations.

PROFESSIONAL CHARGES PER YEAR FOR TYPE 2 DIABETES PATIENTS¹

		latory Center	Emerç Ro	gency om		oital tient		oital atient	-	ce/ nic
MARKET	2013	2014	2013	2014	2013	2014	2013	2014	2013	2014
Las Vegas	\$2,871	\$3,356	\$1,618	\$2,450	\$3,338	\$4,351	\$1,352	\$1,400	\$2,867	\$3,135
Reno	3,138	3,129	1,771	2,018	2,256	3,125	1,261	1,428	1,964	2,168
Los Angeles	2,148	2,625	846	1,226	2,251	3,409	1,097	1,370	1,965	2,249
Salt Lake City	2,676	3,981	991	1,427	2,633	3,316	1,155	1,578	1,548	2,114
Nevada	3,022	3,394	1,655	2,329	3,136	4,149	1,329	1,409	2,707	2,954
NATION	\$2,724	\$3,143	\$1,088	\$1,280	\$3,005	\$3,433	\$1,175	\$1,299	\$2,024	\$2,203

PROFESSIONAL INPATIENT CHARGES FOR TYPE 2 DIABETES PATIENTS, BY ACTUAL COMPLICATION, 2014

MARKET	Cardiovascular Disease	Hypoglycemia	Nephropathy	Neuropathy	Retinopathy
Las Vegas	\$5,687	\$7,088	\$6,719	\$6,298	\$5,421
Reno	3,959	5,425	4,913	4,771	3,391
Los Angeles	4,553	5,890	5,385	5,357	4,762
Salt Lake City	4,248	4,824	4,356	4,030	3,549
Nevada	5,471	6,851	6,593	6,195	5,126
NATION	\$4,417	\$5,967	\$5,288	\$4,957	\$4,085

PROFESSIONAL INPATIENT CHARGES PER YEAR FOR TYPE 2 DIABETES PATIENTS, BY PAYER¹

	Commercic	Il Insurance ²	Medicare		Medicaid	
MARKET	2013	2014	2013	2014	2013	2014
Las Vegas	\$2,924	\$4,086	\$3,201	\$3,577	\$2,998	\$3,780
Reno	2,084	2,857	2,042	2,480	1,956	3,644
Los Angeles	2,211	3,432	2,176	2,560	1,524	3,523
Salt Lake City	2,287	3,218	2,231	2,500	1,975	2,232
Nevada	2,794	3,938	2,960	3,355	2,999	3,846
NATION	\$2,779	\$3,196	\$2,605	\$2,838	\$2,823	\$3,246

PROFESSIONAL OUTPATIENT CHARGES PER YEAR FOR TYPE 2 DIABETES PATIENTS, BY PAYER¹

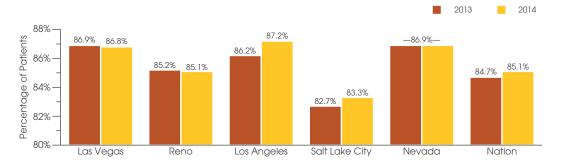
	Commercic	Il Insurance ²	Medicare		Medicaid	
MARKET	2013	2014	2013	2014	2013	2014
Las Vegas	\$1,404	\$1,483	\$1,173	\$1,138	\$1,346	\$1,443
Reno	1,149	1,262	1,261	1,384	1,113	1,620
Los Angeles	1,148	1,468	1,037	1,123	733	1,116
Salt Lake City	1,059	1,461	1,069	1,459	926	1,215
Nevada	1,338	1,431	1,204	1,206	1,402	1,540
NATION	\$1,120	\$1,248	\$1,086	\$1,155	\$1,148	\$1,280



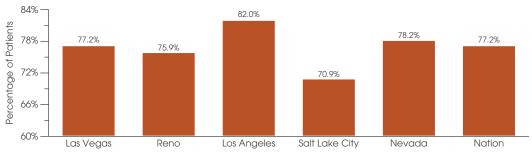
PERCENTAGE OF TYPE 2 DIABETES PATIENTS WITH AN A1c LEVEL >9.0% USING ANY INSULIN PRODUCTS, 2014^{1,2}



PERCENTAGE OF TYPE 2 DIABETES PATIENTS USING ANY NON-INSULIN ANTIDIABETIC PRODUCT¹



PERCENTAGE OF TYPE 2 DIABETES PATIENTS WITH AN A1c LEVEL >9.0% USING ANY NON-INSULIN ANTIDIABETIC PRODUCT, 2014^{1,2}



Data source: IMS Health © 2015

PERCENTAGE OF TYPE 2 DIABETES PATIENTS USING ANY INSULIN PRODUCTS¹

INSULIN FILL RATES IN LAS VEGAS, LOS ANGELES AND NV LAG THOSE OF THE U.S.

In 2014, the percentages of Type 2 diabetes patients dispensed any insulin products in Las Vegas (31.8%), Los Angeles (33.6%) and Nevada (31.8%) were lower than that of the nation (34.3%). Of the profiled markets, only the portion of such Type 2 diabetes patients in Salt Lake City (37.3%) exceeded the national average.

TYPE 2 DIABETES PTS. WITH A1c LEVELS >9.0% ARE MORE APT TO RECEIVE NON-INSULIN RXs

Type 2 diabetes patients in Las Vegas, Reno and Nevada who had an A1c level greater than 9.0% on their last test were more likely to use a non-insulin antidiabetic product than any insulin products in 2014. Further, the percentages of such patients in these Nevada markets who received any insulin products were lower than that of the nation (64.7%). Only in Nevada (78.2%) did the percentage of such Type 2 diabetes patients who received any non-insulin antidiabetic product exceed the national mean (77.2%).

¹ Patients who filled prescriptions for any insulin products may have also filled prescriptions for products in the non-insulin category, and vice versa.

² The A1c test measures the amount of glucose present in the blood during the past 2-3 months. Figures reflect the percentage of Type 2 diabetes patients who have had at least one A1c test in a given year.



PERSISTENCY IS HIGHEST FOR NV TYPE 2 DIABETES PTS. FILLING LONG-ACTING INSULIN

In 2014, among Nevada Type 2 diabetes patients who filled prescriptions for any of four classes of insulin, the persistency rate was highest in month 12 for those dispensed long-acting insulin (61.7%) than for those who received short-acting insulin (56.3%), rapid-acting insulin (56.5%) or mixed insulin (48.2%).

SGLT-2 INHIBITOR THERAPY HAS HIGHEST PERSISTENCY RATE AMONG NON-INSULIN RXs

Month 12 persistency for Nevada Type 2 diabetes patients who filled prescriptions for SGLT-2 inhibitors (61.1%) surpassed that of patients who filled prescriptions for antidiabetic combinations (60.0%), DPP-4 inhibitors (49.5%), insulin sensitizing agents (46.6%) or GLP-1 receptor agonists (50.9%) in 2014.

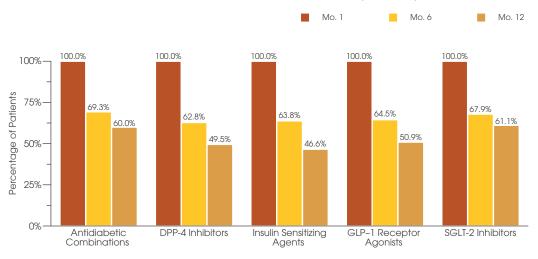
READMIT RATE IS HIGH FOR PACIFIC TYPE 2 DIABETES PTS. ON THREE NON-INSULINS

Nearly one in every four (23.4%) Pacific region Type 2 diabetes patients admitted to an inpatient facility from 2012 through 2014 who filled prescriptions for three non-insulin antidiabetic products were readmitted within 30 days of their initial discharge. Among similar patients who received any insulin products, the rate was around one in six (16.4%).

PERSISTENCY: TYPE 2 DIABETES PATIENTS USING VARIOUS INSULIN PRODUCTS, NEVADA, 2014



PERSISTENCY: TYPE 2 DIABETES PATIENTS USING VARIOUS NON-INSULIN ANTIDIABETIC PRODUCTS, NEVADA, 2014



READMISSION RATES FOR PATIENTS DIAGNOSED WITH TYPE 2 DIABETES, BY TYPE OF THERAPY, 2012–2014^{1,2}

	Three-Day R	eadmissions	30-Day Readmissions		
MARKET	Any Insulin Products	Three Non-Insulin Antidiabetic Products	Any Insulin Products	Three Non-Insulin Antidiabetic Products	
Pacific Region	8.1%	13.2%	16.4%	23.4%	
NATION	10.3%	10.3% 14.0%		24.5%	

Data source: IMS Health © 2015

¹ Figures reflect the percentages of Type 2 diabetes patients who were readmitted to an inpatient facility in the three-year period between 2011 and 2013. These percentages include patients who filled multiple prescriptions. Readmissions are not necessarily due to Type 2 diabetes. Readmissions data were available down to the regional level only.

² Patients who filled prescriptions for any insulin products may have also filled prescriptions for products in the non-insulin category, and vice versa.

NOTE: "Persistency" measures whether patients maintain their prescribed therapy. It is calculated by identifying patients who filled a prescription for the reported drug class in the four months prior to the reported year, and then tracking prescription fills for those same patients in each of the months in the current reported year. If patients fill a prescription in a month, they are reported among the patients who have continued or restarted on therapy. Continued means that the patient has filled the drug group in each of the preceding months. Restarted means that the patient did not fill in one or more of the preceding months. Continuing and restarting patients are reported together. All patients tracked are "New-to-Brand," meaning they have not filled a prescription for their cohort product during the six months prior to initiation of therapy on that product.



NUMBER OF INPATIENT CASES PER HOSPITAL PER YEAR

	Hypert	ension	Hyperlipidemia		Hypercholesterolemia	
MARKET	2012	2013	2012	2013	2012	2013
Las Vegas	2,994.6	3,039.8	1,436.0	1,528.7	304.7	290.0
Reno	3,281.5	3,114.3	1,683.5	1,744.0	206.0	233.5
Los Angeles	2,739.1	2,457.4	1,454.3	1,358.3	326.9	286.0
Salt Lake City	1,892.3	1,755.6	899.4	770.6	284.9	255.7
Nevada	2,342.7	2,277.3	1,218.5	1,251.3	223.8	212.5
NATION	1,938.6	1,851.9	1,012.8	1,019.2	245.8	228.0

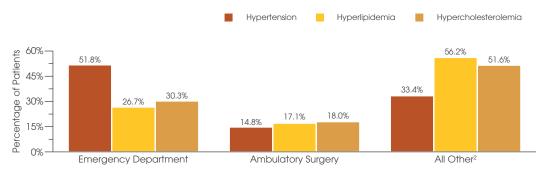
NUMBER OF OUTPATIENT CASES PER HOSPITAL PER YEAR

	Hypert	ension	Hyperlipidemia		Hypercholesterolemia	
MARKET	2012	2013	2012	2013	2012	2013
Las Vegas	9,822.6	6,848.2	3,265.6	2,362.6	1,038.7	915.0
Reno	—	12,153.0	—	6,099.8	2,729.0	2,386.3
Los Angeles	7,343.1	7,315.8	2,857.0	2,943.8	1,679.6	1,459.5
Salt Lake City	8,865.7	7,985.7	3,754.7	3,734.1	1,151.3	1,578.3
Nevada	10,653.6	6,374.4	5,178.5	2,624.7	1,267.5	897.0
NATION	8,262.1	8,805.3	3,837.2	4,286.8	1,664.3	1,671.3

TOTAL CHARGES PER HOSPITAL INPATIENT CASE¹

	Hypert	ension	Hyperlipidemia		Hypercholesterolemia	
MARKET	2012	2013	2012	2013	2012	2013
Las Vegas	\$36,386	\$39,530	\$52,685	—	—	—
Reno	22,621	23,460	37,297	_	_	_
Los Angeles	32,738	31,353	22,084	\$27,304	\$59,454	_
Salt Lake City	19,888	20,593	_	26,207	_	\$22,795
Nevada	32,873	36,991	53,775	—	—	—
NATION	\$21,396	\$22,385	\$33,947	\$31,639	\$40,609	\$40,870

DISTRIBUTION OF OUTPATIENT CASES FOR HYPERTENSION, HYPERLIPIDEMIA AND HYPERCHOLESTEROLEMIA, BY SETTING, NEVADA, 2013



INPATIENT CASE COUNTS ARE HIGH IN LAS VEGAS HOSPITALS FOR PROFILED CV DIAGNOSES

The average Las Vegas hospital treated higher numbers of hypertension (3,039.8), hyperlipidemia (1,528.7) and hypercholesterolemia (290.0) inpatient cases than did hospitals across Nevada or the nation in 2013. Of the profiled markets, Reno reported the highest numbers of hypertension and hyperlipidemia inpatient cases per hospital that year, at 3,114.3 and 1,744.0, respectively.

HYPERTENSION INPATIENT CHARGES TOP THE U.S. MEAN IN LAS VEGAS AND NEVADA

In Las Vegas (\$39,530) and across Nevada (\$36,991), average charges per inpatient hypertension case were 76.7% and 65.2% higher, respectively, than the corresponding national average of \$22,385 in 2013. Reno (\$23,460) charges also topped the U.S. mark. Such charges in Las Vegas were highest, among the profiled markets, that year.

NOTE: Charges and discharge data were unavailable for some of the selected state and local markets.

¹ Charge data are per case averages for inpatients with a particular diagnosis of interest. Charges may be for treatment related to other diagnoses. Data reflect the total charges billed by the hospital for the entire episode of care, and may include accommodation, pharmacy, laboratory, radiology and other charges not billed by the physician. Data do not necessarily indicate final amounts paid.

² "All Other" includes any outpatient visit that did not require surgery or arrive as an emergency. Services rendered include, but are not limited to, blood work, wellness visits, etc.



STROKE, AMI CASE COUNTS IN NV MARKETS SURPASS NATIONAL AVERAGES

In 2013, Las Vegas, Reno and Nevada hospitals recorded higher average annual inpatient case counts for stroke and acute myocardial infarction (AMI) than those of the nation. Case loads in Reno were highest, by market, for these two conditions (331.8 and 136.3, respectively).

IP CHARGES FOR SOME CV CONDITIONS IN LAS VEGAS TOP THOSE OF OTHER MKTS.

Total charges per hospital inpatient (IP) case for stroke (\$84,612), AMI (\$159,399) and heart failure (\$72,453) were highest, by profiled market, in Las Vegas in 2013. Nationally, such charges averaged \$44,734, \$92,018 and \$41,806, respectively.

¹ Charge data are per-case averages for inpatients with a particular diagnosis of interest. Charges may be for treatment related to other diagnoses. Data reflect the total charges billed by the hospital for the entire episode of care, and may include accommodation, pharmacy, laboratory, radiology and other charges not billed by the physician. Data do not necessarily indicate final amounts paid.

Stroke AMI (STEMI) Heart Failure 2012 2013 2012 2013 2012 2013 MARKET 245.8 80.9 75.8 896.2 Las Vegas 261.0 921.2 353.0 331.8 136.3 1,163.5 1,240.3 Reno 157.0 51.9 1,019.4 Los Angeles 226.4 217.8 51.4 1,065.2 Salt Lake City 165.7 154.4 81.5 53.1 604.7 555.9 Nevada 241.3 232.5 98.1 92.6 730.0 721.4 NATION 180.3 176.4 52.9 53.9 775.1 795.0

NUMBER OF INPATIENT CASES PER HOSPITAL PER YEAR

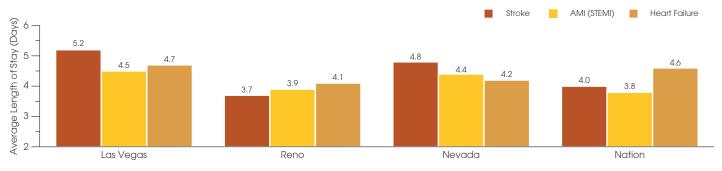
NUMBER OF OUTPATIENT CASES PER HOSPITAL PER YEAR

	Stro	oke	AMI (STEMI)		Heart Failure	
MARKET	2012	2013	2012	2013	2012	2013
Las Vegas	309.0	187.5	9.6	6.2	810.7	530.4
Reno	1096.3	531.0	45.0	30.0	1,694.0	1,109.5
Los Angeles	182.8	177.2	11.4	9.8	796.8	700.3
Salt Lake City	344.7	271.1	14.1	14.8	1,065.2	1,100.9
Nevada	401.7	198.6	17.9	10.5	963.2	548.7
NATION	358.0	424.9	18.5	19.0	1,033.0	1,156.3

TOTAL CHARGES PER HOSPITAL INPATIENT CASE¹

	Stroke		AMI (STEMI)		Heart Failure	
MARKET	2012	2013	2012	2013	2012	2013
Las Vegas	\$78,486	\$84,612	\$162,426	\$159,399	\$71,524	\$72,453
Reno	42,671	43,783	96,839	94,926	41,290	39,151
Los Angeles	70,560	74,011	130,647	141,014	67,109	70,254
Salt Lake City	30,398	33,193	68,374	73,617	36,308	39,433
Nevada	69,934	75,614	142,404	137,960	62,503	62,789
NATION	\$42,057	\$44,734	\$87,270	\$92,018	\$39,946	\$41,806

AVERAGE LENGTH OF STAY (DAYS) PER INPATIENT CASE, 2013





NUMBER OF INPATIENT CASES PER HOSPITAL PER YEAR

	Diabetes with Depression		Depression		Diabetes with Peripheral Vascular Disease	
MARKET	2012	2013	2012	2013	2012	2013
Las Vegas	8.0	11.5	241.6	253.4	25.8	32.1
Reno	18.0	22.0	340.8	309.0	30.7	25.5
Los Angeles	10.2	9.8	527.2	516.5	82.6	89.5
Salt Lake City	5.5	7.2	317.3	492.4	12.4	8.8
Nevada	11.1	13.0	271.0	285.8	28.4	30.4
NATION	7.4	7.6	342.3	350.4	28.5	30.1

NUMBER OF OUTPATIENT CASES PER HOSPITAL PER YEAR

	Diabetes with Depression		Depression		Diabetes with Peripheral Vascular Disease	
MARKET	2012	2013	2012	2013	2012	2013
Las Vegas	—	—	656.0	403.7	53.5	73.5
Reno	_	_	_	1,203.5	63.0	80.5
Los Angeles	_	_	714.0	643.0	95.2	63.5
Salt Lake City	_	_	703.7	593.1	82.7	84.8
Nevada	—	—	1,237.7	508.6	47.0	31.0
NATION	—	—	761.0	750.3	79.0	99.2

TOTAL CHARGES PER HOSPITAL INPATIENT CASE¹

	Diabetes with Depression		Depression		Diabetes with Peripheral Vascular Disease	
MARKET	2012	2013	2012	2013	2012	2013
Las Vegas	\$63,724	\$51,606	\$46,064	\$46,153	\$121,527	\$144,435
Reno	26,185	29,854	38,554	27,791	89,608	78,166
Los Angeles	50,025	46,110	34,059	33,081	95,206	95,126
Salt Lake City	35,238	39,270	21,243	22,824	73,212	60,263
Nevada	59,446	47,297	43,872	41,904	112,717	128,049
NATION	\$33,929	\$31,126	\$24,475	\$24,987	\$75,998	\$77,562

INPATIENT DEPRESSION CASE COUNTS CLIMB IN LAS VEGAS AND NEVADA HOSPITALS

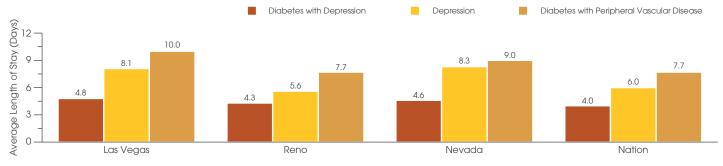
In Las Vegas and across Nevada, the average numbers of inpatient depression cases increased from 2012 to 2013. In Reno, where this case count was the highest, by Nevada market, the average hospital treated 309.0 such cases in 2013, a decrease from 340.8 in 2012.

ALOS IS HIGH VERSUS U.S. FOR INPATIENT DEPRESSION CASES IN LAS VEGAS, NEVADA

The average length of stay (ALOS) per inpatient depression case in Las Vegas and Nevada was considerably higher than the corresponding national average in 2013. This was also true for inpatient cases of diabetes with depression and diabetes with peripheral vascular disease.

¹ Charge data are per-case averages for inpatients with a particular diagnosis of interest. Charges may be for treatment related to other diagnoses. Data reflect the total charges billed by the hospital for the entire episode of care, and may include accommodation, pharmacy, laboratory, radiology and other charges not billed by the physician. Data do not necessarily indicate final amounts paid. Some data were unavailable for the selected markets.

AVERAGE LENGTH OF STAY (DAYS) PER INPATIENT DEPRESSION, DIABETES WITH DEPRESSION, AND DIABETES WITH PERIPHERAL VASCULAR DISEASE CASE, 2013





IP CASE COUNTS FOR STAGE 4 KIDNEY DISEASE EXCEED U.S. AVG. IN PROFILED NV MARKETS

In 2013, the average numbers of stage 4 (severe) chronic kidney disease inpatient (IP) cases per hospital in Las Vegas (98.6), Reno (112.0) and Nevada (100.1) exceeded that of the nation (95.5). The share of such cases treated in the outpatient setting in Reno (220.0) also surpassed the national norm (192.0) that year.

PERCENTAGE OF ROUTINE DISCHARGES FOR STAGE 4 KIDNEY DISEASE IPS WANES

Between 2009 and 2013, the share of Nevada inpatient stage 4 chronic kidney disease cases that were discharged from a hospital routinely fell to 48.0% from 52.2%. Meanwhile, the percentages of such cases discharged to skilled nursing facilities (13.1%) or home health (18.7%) rose fractionally in 2013, from 12.9% and 17.6%, respectively, in 2009.

¹ Charge data are per-case averages for inpatients with a particular diagnosis of interest. Charges may be for treatment related to other diagnoses. Data reflect the total charges billed by the hospital for the entire episode of care, and may include accommodation, pharmacy, laboratory, radiology and other charges not billed by the physician. Data do not necessarily indicate final amounts poid.

NOTE: Stage 2 chronic kidney disease (Dx 858.2) is mild. Stage 3 (Dx 858.3) is moderate. Stage 4 (Dx 858.4) is severe. Some charge data were unavailable for the selected markets.

14

NUMBER OF INPATIENT CASES PER HOSPITAL PER YEAR

		ney Disease ge 2	Chronic Kidney Disease Stage 3		Chronic Kidney Disease Stage 4	
MARKET	2012	2013	2012	2013	2012	2013
Las Vegas	30.1	30.6	173.9	162.8	105.3	98.6
Reno	72.0	49.7	230.8	300.0	103.0	112.0
Los Angeles	53.8	44.9	275.6	281.6	113.6	112.2
Salt Lake City	8.3	11.4	72.3	61.9	63.6	66.4
Nevada	36.3	34.0	173.7	174.5	103.5	100.1
NATION	24.5	24.2	173.0	182.8	91.0	95.5

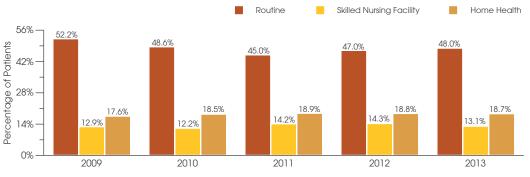
NUMBER OF OUTPATIENT CASES PER HOSPITAL PER YEAR

		ney Disease ge 2	Chronic Kidney Disease Stage 3		Chronic Kidney Disease Stage 4	
MARKET	2012	2013	2012	2013	2012	2013
Las Vegas	34.9	36.8	281.4	241.7	64.8	51.9
Reno	163.3	102.5	—	811.5	632.0	220.0
Los Angeles	103.3	65.2	444.0	336.5	126.7	97.3
Salt Lake City	35.0	43.7	365.0	286.4	119.7	134.9
Nevada	58.4	37.9	785.8	271.5	209.9	86.0
NATION	55.2	63.4	425.1	518.4	165.3	192.0

TOTAL CHARGES PER HOSPITAL INPATIENT CASE¹

	Chronic Kid Stag		Chronic Kidney Disease Stage 4				
MARKET	2012	2013	2012	2013			
Las Vegas	—	—	\$37,931	\$21,436			
Reno	\$22,737	—	28,507	—			
Los Angeles	47,763	\$29,156	41,322	43,119			
Salt Lake City	—	—	8,162	10,237			
Nevada	22,737	—	29,838	—			
NATION	\$30,235	\$31,129	\$35,817	\$35,743			

PERCENTAGE OF INPATIENT CHRONIC KIDNEY DISEASE STAGE 4 CASES, BY DISCHARGE DESTINATION, NEVADA, 2009–2013





NUMBER OF INPATIENT OBESITY CASES PER HOSPITAL PER YEAR, 2009-2013

MARKET	2009	2010	2011	2012	2013
Las Vegas	404.6	420.9	358.5	359.3	378.6
Reno	415.0	411.0	407.8	453.8	424.0
Los Angeles	466.4	505.2	490.1	476.3	471.1
Salt Lake City	340.3	371.7	350.1	404.8	361.6
Nevada	349.8	344.6	282.4	307.1	318.7
NATION	261.2	269.6	272.7	280.1	284.7

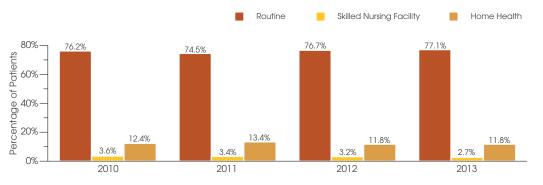
NUMBER OF OUTPATIENT OBESITY CASES PER HOSPITAL PER YEAR, 2009-2013

MARKET	2009	2010	2011	2012	2013
Las Vegas	393.9	408.5	684.6	659.4	473.9
Reno	605.8	478.6	1,003.6	1,637.0	1,162.0
Los Angeles	432.1	504.0	631.8	759.1	690.1
Salt Lake City	444.8	572.9	654.4	982.8	987.4
Nevada	335.1	327.3	594.8	691.6	439.5
NATION	399.5	434.9	501.0	652.9	707.6

TOTAL CHARGES PER HOSPITAL INPATIENT OBESITY CASE, 2009–20131

MARKET	2009	2010	2011	2012	2013
Las Vegas	\$45,299	\$44,247	\$47,455	\$110,973	—
Reno	46,945	—	35,819	—	—
Los Angeles	65,736	45,123	54,281	54,475	\$46,140
Salt Lake City	53,868	—	—	47,521	56,201
Nevada	45,690	44,247	43,749	110,973	—
NATION	\$35,567	\$41,605	\$42,015	\$43,699	\$46,642

PERCENTAGE OF INPATIENT OBESITY CASES, BY DISCHARGE DESTINATION, NEVADA, 2010-2013



Data source: IMS Health © 2015

OBESITY IP CASES DECLINE IN LAS VEGAS AND NEVADA, BUT STILL EXCEED U.S. MEAN

In the five-year period from 2009 through 2013, the average number of obesity inpatient (IP) cases treated by hospitals in Las Vegas or across the state decreased, by 6.4% and 8.9%, respectively, but still remained well above the corresponding national averages each year. In Reno, the number of inpatient obesity cases rose intermittently during this period; by 2013, Reno hospitals treated, on average, 48.9% more inpatient obesity cases than their counterparts across the nation.

PORTION OF NEVADA OBESITY INPATIENT CASES DISCHARGED ROUTINELY RISES SLIGHTLY

From 2010 (76.2%) through 2013 (77.1%), the percentage of inpatient obesity cases discharged routinely grew by 0.9 percentage points in Nevada. Meanwhile, declining shares of such cases were discharged to skilled nursing facilities (to 2.7% from 3.6%) or with home health (to 11.8% from 12.4%).

NOTE: Some charge and discharge data were unavailable for the selected markets.

Average length-of-stay data were unavailable for obesity, acute infection and acute infection with diabetes in the selected state and local markets.

Charge data are per-case averages for inpotients with a particular diagnosis of interest. Charges may be for treatment related to other diagnoses. Data reflect the total charges billed by the hospital for the entire episode of care, and may include accommodation, pharmacy, laboratory, radiology and other charges not billed by the physician. Data do not necessarily indicate final amounts paid.



Nevada Business Group on Health (NVBGH) 1755 E. Plumb Lane, Suite 107 Reno, NV 89502

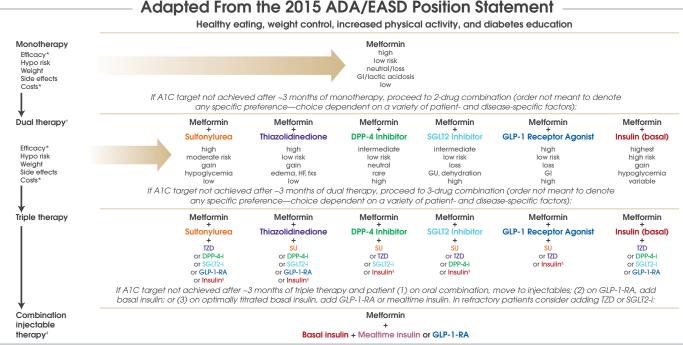
OUR MISSION...

www.nvbgh.org

To serve as the voice for Northern Nevada employers and their employees in all matters related to health, health care and health insurance by providing leadership, information and education for the betterment of the entire community.

Our member companies include:

Atlantis Casino Resort Spa Baldini's Sport Casino Carson Nugget Carson Tahoe Health City of Reno City of Sparks Click Bond Club Cal Neva Diocese of Reno John Ascuaga's Nugget Lakeside Inn and Casino NV Energy Washoe County Washoe County School District



Antihyperglycemic therapy in Type 2 diabetes: general recommendations (see Reference). The order in the chart was determined by historical availability and the route of administration, with injectibles to the right; it is not meant to denote any specific preference. Potential sequences of antihyperglycemic therapy for patients with Type 2 diabetes are displayed, with the usual transition moving vertically from top to bottom (although horizontal movement within therapy tor patients). DPP-4-i, DPP-4-i, DPP-4 inhibitor; fxs, fractures; GI, gastrointestinal; GLP-1-RA, GLP-1 receptor agonist; GU, genitourinary; HF, heart failure; Hypo, hypoglycemia; SGLT2-i, SGLT2 inhibitor; SU, sulfonylurea; TZD, thiazolidinedione. *See Reference for description of efficacy categorization. + Consider starting at this stage when A1C is ≥9%. ‡ Consider starting at this stage when blood glucose is >300-350 mg/dL (16.7–19.4 mmol/L) and/or A1C is >10-12%, especially if symptomatic or catabolic features are present, in which case basal insulin + meathine insulin is the preferred initial regimen. § Usually a basal insulin (NPH, glargine, detemir, degludec). Adapted with permission from Inzucchi et al. (see Reference).

Reference: Inzucchi, S. E., et al. (2015). Management of Hyperglycemia in Type 2 Diabeles, 2015: A Patient-Centered Approach: Update to a Position Statement of the American Diabeles Association (ADA) and the European Association for the Study of Diabeles (EASD). Diabeles Care. Retrieved from http://care.diabelesjournals.org/content/38/1/140.full.pdf+html

NEVADA TYPE 2 DIABETES AND CARDIOVASCULAR DISEASE REPORT 2015

Sanofi is pleased to bring you this ninth edition of the **Nevada Type 2 Diabetes and Cardiovascular Disease Report**.

This report features key national, state and local-level Type 2 diabetes and stroke data from the Sanofi **Managed Care Digest Series**[®].

- Demographics
- Utilization
- Hospital and Professional Charges
- Pharmacotherapy
- Readmissions

© 2015 sanofi-aventis U.S. LLC, A SANOFI COMPANY US.NMH.15.xx.xxx



16 NEVADA DIABETES AND CARDIOVASCULAR DISEASE REPORT 2015