

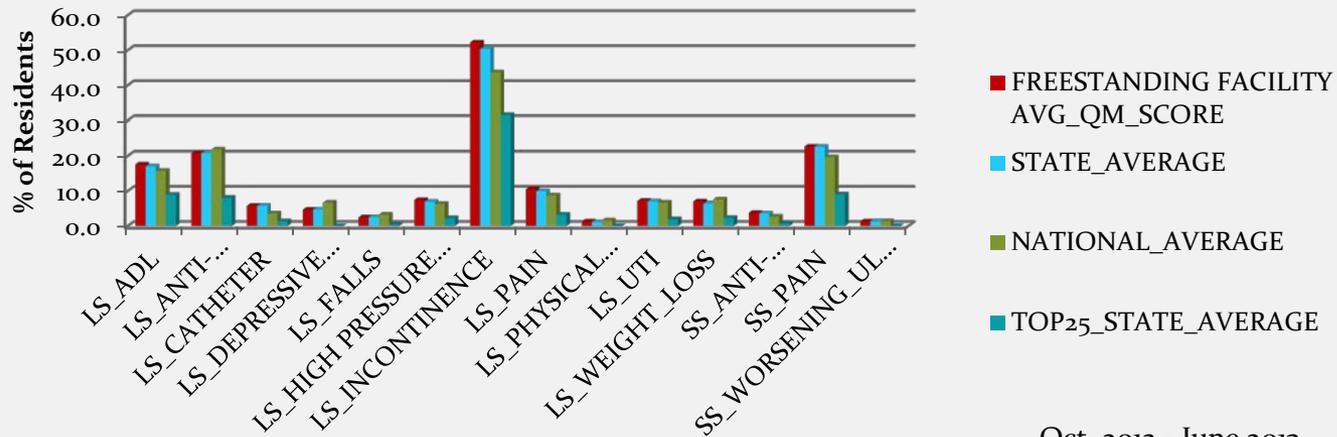
# Origin of Quality Measures Data

## American Health Care Association (AHCA)

- CMS Quality Measures (QMs) are obtained from AHCA's official member website. QM reports are issued for each facility. The information was compiled using CMS Nursing Home Compare and provides QM data for each facility (based on MDS 3.0) utilizing CMS' three quarter average methodology.
- For example, the data reports issued May 2013 are based on the three quarter average from April 2012 through December 2012.



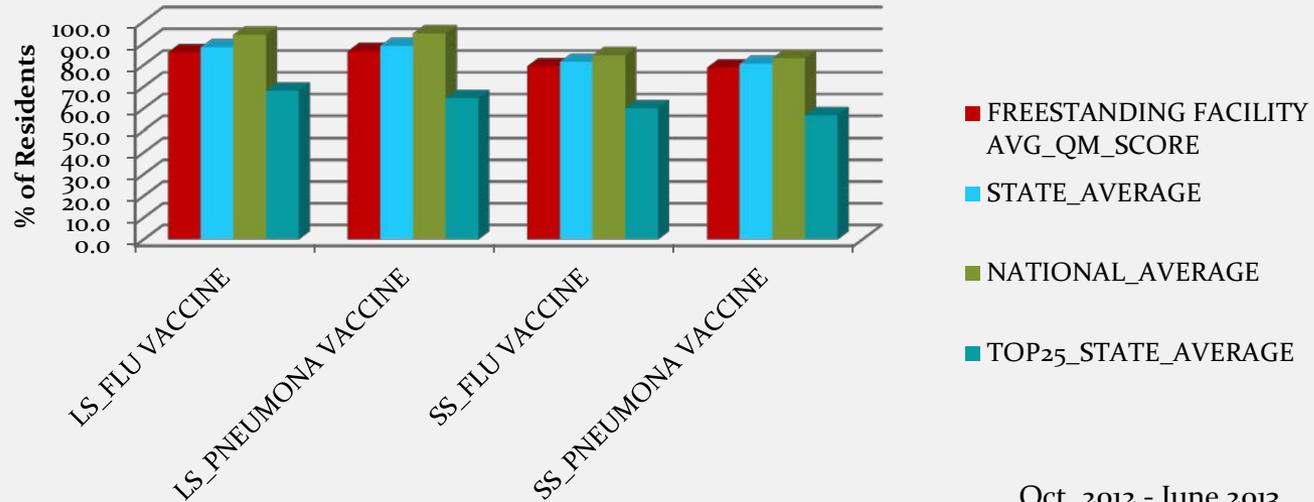
## Freestanding Facilities - Quality Measure Comparison



Oct. 2012 - June 2013

2013_Q2	FREESTANDING FACILITY AVG_QM_SCORE	STATE_AVERAGE	NATIONAL_AVERAGE	TOP25_STATE_AVERAGE
LS_ADL	17.6	17.0	15.7	8.9
LS_ANTI-PSYCHOTIC MEDS	20.8	20.8	21.8	8.0
LS_CATHETER	5.7	5.7	3.5	1.3
LS_DEPRESSIVE SYMPTOMS	4.6	4.7	6.6	0.0
LS_FALLS	2.4	2.5	3.2	0.3
LS_HIGH PRESSURE ULCER	7.4	6.9	6.3	2.2
LS_INCONTINENCE	52.2	50.4	43.7	31.5
LS_PAIN	10.5	9.9	8.7	3.2
LS_PHYSICAL RESTRAINT	1.3	1.1	1.6	0.0
LS_UTI	7.1	7.0	6.6	1.9
LS_WEIGHT_LOSS	7.0	6.4	7.6	2.3
SS_ANTI-PSYCHOTIC MEDS	3.8	3.5	2.7	0.6
SS_PAIN	22.7	22.6	19.6	9.0
SS_WORSENING_ULCER	1.3	1.3	1.3	0.0

## Freestanding Facilities - Quality Measure Comparison



Oct. 2012 - June 2013

2013_Q2	FREESTANDING FACILITY AVG_QM_SCORE	STATE_AVERAGE	NATIONAL_AVERAGE	TOP25_STATE_AVERAGE
LS_FLU VACCINE	86.0	88.2	94.0	68.2
LS_PNEUMONA VACCINE	86.4	88.9	94.6	64.9
SS_FLU VACCINE	79.6	81.6	84.6	60.1
SS_PNEUMONA VACCINE	78.9	80.6	83.2	57.0

FREESTANDING FACILITY AVERAGE											
	2012 Q3	2012 Q4	% Change		2012 Q4	2013 Q1	% Change		2013 Q1	2013 Q2	% Change
LS_ADL	17.5	17.1	↑ -2.3%		17.1	17.5	↓ 2.5%		17.5	17.5	↓ 0.0%
LS_ANTI-PSYCHOTIC MEDS	21.9	22.7	↓ 3.7%		22.7	20.9	↑ -7.9%		20.9	21.9	↓ 4.6%
LS_CATHETER	6.2	6.0	↑ -4.1%		6.0	6.1	↓ 2.3%		6.1	5.7	↑ -5.8%
LS_DEPRESSIVE SYMPTOMS	4.6	5.1	↓ 10.3%		5.1	4.8	↑ -5.2%		4.8	4.7	↑ -2.9%
LS_FALLS	3.0	2.8	↑ -5.0%		2.8	2.5	↑ -11.4%		2.5	2.4	↑ -2.6%
LS_HIGH PRESSURE ULCER	8.2	8.0	↑ -2.0%		8.0	7.6	↑ -5.0%		7.6	7.4	↑ -2.3%
LS_INCONTINENCE	49.7	49.5	↑ -0.4%		49.5	50.9	↓ 2.9%		50.9	52.2	↓ 2.6%
LS_PAIN	11.5	10.5	↑ -8.0%		10.5	10.2	↑ -3.3%		10.2	10.5	↓ 2.9%
LS_PHYSICAL RESTRAINT	1.9	1.4	↑ -28.1%		1.4	1.4	↓ 3.1%		1.4	1.2	↑ -11.5%
LS_UTI	7.4	7.2	↑ -1.9%		7.2	7.1	↑ -1.9%		7.1	7.1	↓ 0.5%
LS_WEIGHT_LOSS	7.1	7.1	↑ -0.6%		7.1	6.8	↑ -4.2%		6.8	7.0	↓ 2.5%
SS_ANTI-PSYCHOTIC MEDS	3.7	3.9	↓ 5.2%		3.9	3.9	↓ 0.1%		3.9	3.8	↑ -3.2%
SS_PAIN	24.0	24.1	↓ 0.7%		24.1	23.7	↑ -1.9%		23.7	22.7	↑ -4.4%
SS_WORSENING ULCER	1.2	1.1	↑ -12.5%		1.1	1.2	↓ 11.3%		1.2	1.3	↓ 6.8%
LS_FLU VACCINE	85.0	82.3	↓ -3.1%		82.3	83.6	↑ 1.5%		83.6	86.3	↑ 3.3%
LS_PNEUMONA VACCINE	91.1	90.0	↓ -1.3%		90.0	86.8	↓ -3.5%		86.8	86.7	↓ -0.2%
SS_FLU VACCINE	79.4	77.1	↓ -3.0%		77.1	86.8	↑ 12.6%		86.8	79.6	↓ -8.4%

Comparing Nevada data to states with similar # beds, HPPDs & ADL Dependence Scores

ID	# Certified Beds	% Occu- pancy	HPPD	↑ Acuity Levels					Ave # Tags	National Top 10 Deficiencies									
				Ave ADL Dep	% CRF & D	% Resp Tx	% IM Meds	% IV Meds		1	2	3	4	5	6	7	8	9	10
										F441	F371	F323	F309	F329	F279	F431	F241	F514	F281
US	1,492,387	85.7	3.71	4.17	2	15.38	22.07	1.52	5.8	37.2	34.9	29.7	24.5	23.7	21.5	19.6	16.4	14.8	13.9
NV	5979	79.9	3.63	4.31	2.19	23.24	29.6	5.42	11.3	78.4	64.7	31.4	70.6	23.5	29.4	54.9	37.3	62.7	41.2
ID	5930	66	4.39	4.24	2.12	25.11	25.16	2.07	10	53.2	32.5	40.3	62.3	50.6	13	33.8	41.6	36.4	31.2
ND	6138	92	4.09	3.94	1.28	15.09	20.23	0.47	4.8	23.5	28.4	48.1	34.6	18.5	0	18.5	12.3	4.9	24.7
NM	6716	82.7	3.33	4.32	1.66	27.55	22.11	1.43	2.6	12.7	5.6	11.3	9.9	15.5	15.5	7	4.2	11.3	0
VT	3199	85.2	4.07	4.13	0.95	14.56	16.76	1.5	4.1	10.5	21.1	10.5	10.5	26.3	26.3	13.2	7.9	10.5	36.8

Data extracted from LTC Stats: December 2013 Update

prepared by Research Department American Health Care Association

Nevada Top 10 for December 2013

<i>F Tag</i>	<i>% US Facilities Cited</i>	<i>% Nevada Facilities Cited</i>	<i>Examples of activity or system changes that can be adopted to avoid survey findings cited on 2567s</i>
F441	35.40%	78.4%	<b>Infection Control:</b> Review & sign IC P&P each year, appropriate hand-washing alone & associated with glove use, antibiotic review, aseptic/clean dressing changes, not storing of clean supplies in soiled utility, effective TB monitoring program, PPE instructions, staff knows types of isolation & when to use, aseptic linen handling, appropriate soiled item disposal
F309	25.3	70.6%	<b>Highest Well-being:</b> Ongoing resident assessment for any change of condition, wound cultures when appropriate, follow MD orders as written, double check recap orders, compare new MAEs with old, assure there are monitoring parameters for FSBS, Oxygen, Pacemaker checks, EKGs, Pain S&S, special splints, braces, knee immobilizers, positioning equipment, off-loading equipment,
F371	34.2	64.7%	<b>Dietary:</b> label & date all food items, FIFO, food in fridge covered & labeled, no food debris on counters or floor, no food stored in soiled areas like dish washing area, no expired food products, correct sanitizing solution available, correct dish wash chemicals, no dirty carts in food prep area, clean can opener & meat slicer, dry all pots, bowls, etc. before storage, no co-mingled resident/staff foods, hand-wash sink always clean & available for hand-washing, check food temps prior to service, use gloves correctly
F514	15.4	62.7%	<b>Clinical Records:</b> no blind charting, no blanks on MARs, no incomplete assessment forms, current H&Ps, timely documentation of ordered vs, employee name, date & title on every entry, timely documentation of all care given, accurate BM records, accurate I&O records, accurate dietary intake records.
F431	15.2	54.9%	<b>Labeling:</b> no expired meds, no meds with obscured labels
F281	24.6	41.2%	<b>Professional Standards of Practice:</b> Follow CDC Guidelines, identify resident before administering meds, honor resident refusal of meds & follow through with MD notification and alternative approaches, follow manufacturers recommendation for inhalant medications, monitor lab findings in a timely manner, monitor pacemakers as indicated, use INTERACT tools, follow AMDA Guidelines for MD notice.
F241	16.1	37.3%	<b>Dignity:</b> Clean resident furnishings, side-rails, walkers, & wheelchairs at least weekly and as needed, provide privacy covers for medical tubing, catheters, etc. Do not speak in a language the resident does not understand when within his/her hearing range. Change resident clothing when soiled.
F157	9.1	33.3%	<b>Notification:</b> Notify resident/responsible party of any change in order, new diagnoses, or new treatment. Notify MD/PCP of any change of condition to include weight loss, medication refusal, new or worsening wound, change in LOC, S&S of dehydration, unresponsiveness, etc.
F323	31.8	31.4%	<b>Accidents:</b> Continue current practices, lower than US %
F518	3.2	31.4%	<b>Emergency Training:</b> Timely fire drills with clear hallways maintained, appropriate staff response to missing resident, allegations of abuse or neglect, etc.

# Award Methodology

- Calculated the standard deviation for each of the AHCA issued quality measures. Each facility's measure of *standard deviation* from the Nevada Average was then calculated.
- The aggregate standard deviation for all quality measures was then summed for each facility for each quarter. A four quarter average was calculated for the final award tiers.



# NVHCA Awards

- Awards are issued for two regions:
  - South (Clark County)
  - North (remainder of state).
- Award methodology have been accepted by the State of Nevada as data has been review by the Biostatistician at Nevada State Health Division.

