



P. O. Box 1538
 Rancho Cordova, CA 95741

916 859-4900
 916 859-7167 fax: GS
 www.keenan.com
 License No. 0451271

May 7, 2021

SJVIA Board Meeting: Consultant’s Follow-up Report on Workforce Aging Analysis highlighting Diabetes

The SJVIA Board received the Workforce Aging report at the February 19, 2021 meeting. A request from the Board was made to provide more information specifically on diabetes. Keenan Pharmacy Services provided the following profile for diabetes and medication costs.

SJVIA	# of Member	Average Age	2020 Annual Cost	Avg Monthly Cost
Male	428	53	\$2,077,643	\$404.53
Female	553	52	\$2,142,033	\$322.79
Total	981	52	\$4,219,676	\$358.45
County of Tulare				
Male	149	55	\$752,526	\$420.88
Female	237	52	\$849,702	\$298.77
Total	386	53	\$1,602,227	\$345.90
County of Fresno				
Male	279	52	\$1,325,117	\$395.79
Female	316	51	\$1,292,332	\$340.80
Total	595	52	\$2,617,449	\$366.59

The following tables show the diabetes-related prescription drug utilization for SJVIA, County of Tulare and County of Fresno.

SJIVIA Drug Name	Claims	Unique Members	Average Age	Paid Claims	Cost / Script	Cost / Member
1 TRULICITY	608	101	54	\$ 710,606	\$1,168.76	\$7,035.70
2 JANUVIA	443	104	57	\$ 400,916	\$905.00	\$3,854.96
3 JARDIANCE	369	87	53	\$ 357,569	\$969.02	\$4,109.99
4 OZEMPIC	295	59	55	\$ 352,933	\$1,196.38	\$5,981.91
5 FARXIGA	313	74	58	\$ 285,879	\$913.35	\$3,863.23
6 HUMALOG	154	35	47	\$ 204,770	\$1,329.68	\$5,850.57
7 LANTUS SOLOSTAR	341	83	55	\$ 195,187	\$572.40	\$2,351.65
8 HUMALOG KWIKPEN	188	50	54	\$ 172,726	\$918.75	\$3,454.51
9 VICTOZA	83	18	56	\$ 127,396	\$1,534.89	\$7,077.55
10 INVOKANA	151	29	55	\$ 124,630	\$825.36	\$4,297.57
11 TRESIBA FLEXTOUCH	110	37	55	\$ 108,105	\$982.77	\$2,921.75
12 LEVEMIR FLEXTOUCH	92	21	55	\$ 78,275	\$850.82	\$3,727.39
13 TRAJENTA	117	23	56	\$ 77,030	\$658.37	\$3,349.12
14 TOUJEO SOLOSTAR	122	23	61	\$ 76,483	\$626.91	\$3,325.35
15 NOVOLOG FLEXPEN	73	19	58	\$ 72,939	\$999.16	\$3,838.90
16 BYDUREON BCISE	79	14	51	\$ 71,919	\$910.37	\$5,137.10
17 JANUMET	84	20	53	\$ 63,231	\$752.75	\$3,161.55
18 NOVOLOG	56	12	48	\$ 62,608	\$1,117.99	\$5,217.30
19 RYBELSUS	62	17	47	\$ 59,441	\$958.72	\$3,496.51
20 JANUMET XR	57	15	50	\$ 47,772	\$838.11	\$3,184.82
21 XIGDUO XR	74	16	55	\$ 47,181	\$637.59	\$2,948.84
22 BYDUREON PEN	56	8	58	\$ 43,138	\$770.32	\$5,392.25
23 XULTOPHY 100/3.6	26	4	56	\$ 42,694	\$1,642.09	\$10,673.61
24 LANTUS	69	19	52	\$ 38,632	\$559.88	\$2,033.25
25 METFORMIN HYDROCHLORIDE E	702	198	52	\$ 33,522	\$47.75	\$169.30
26 HUMALOG MIX 75/25 KWIKPEN	23	5	44	\$ 32,464	\$1,411.49	\$6,492.83
27 SOLIQUA 100/33	24	6	53	\$ 21,630	\$901.27	\$3,605.08
28 SYNJARDY XR	13	4	61	\$ 18,460	\$1,419.97	\$4,614.89
29 INSULIN LISPRO	19	10	56	\$ 17,707	\$931.96	\$1,770.72
30 INVOKAMET	25	4	52	\$ 17,468	\$698.71	\$4,366.93
31 ONGLYZA	29	4	55	\$ 16,687	\$575.40	\$4,171.65
32 NOVOLOG MIX 70/30 PREFILL	8	2	61	\$ 16,124	\$2,015.46	\$8,061.84
33 BASAGLAR KWIKPEN	59	15	46	\$ 16,052	\$272.07	\$1,070.15
34 FIASP	14	1	41	\$ 15,672	\$1,119.42	\$15,671.84
35 AFREZZA	14	1	45	\$ 13,964	\$997.41	\$13,963.73
36 METFORMIN HYDROCHLORIDE	1999	552	53	\$ 13,763	\$6.89	\$24.93
37 JENTADUETO	23	4	40	\$ 13,532	\$588.33	\$3,382.89
38 LEVEMIR	18	4	56	\$ 12,256	\$680.86	\$3,063.88
39 TOUJEO MAX SOLOSTAR	17	5	59	\$ 11,248	\$661.63	\$2,249.53
40 INSULIN LISPRO KWIKPEN	23	10	43	\$ 11,202	\$487.04	\$1,120.19

SJZIA Drug Name	Claims	Unique Members	Average Age	Paid Claims	Cost / Script	Cost / Member
41 HUMALOG JUNIOR KWIKPEN	14	3	22	\$ 10,514	\$751.01	\$3,504.73
42 HUMULIN R U-500 KWIKPEN	11	2	40	\$ 9,455	\$859.53	\$4,727.40
43 HUMULIN N	10	3	54	\$ 9,419	\$941.92	\$3,139.75
44 STEGLATRO	16	4	38	\$ 8,742	\$546.39	\$2,185.56
45 GLYXAMBI	6	2	44	\$ 7,117	\$1,186.12	\$3,558.35
46 INSULIN ASPART FLEXPEN	6	4	64	\$ 6,986	\$1,164.31	\$1,746.46
47 INVOKAMET XR	5	1	39	\$ 5,382	\$1,076.30	\$5,381.52
48 GLIMEPIRIDE	312	80	57	\$ 5,331	\$17.09	\$66.64
49 KOMBIGLYZE XR	4	1	66	\$ 4,801	\$1,200.32	\$4,801.28
50 INSULIN ASPART PROTAMINE/	2	1	54	\$ 4,689	\$2,344.59	\$4,689.18
51 PIOGLITAZONE HYDROCHLORID	278	82	56	\$ 4,497	\$16.18	\$54.84
52 NOVOLOG PENFILL	4	1	78	\$ 4,310	\$1,077.43	\$4,309.72
53 BAQSIMI ONE PACK	7	4	40	\$ 3,877	\$553.83	\$969.20
54 APIDRA SOLOSTAR	10	1	29	\$ 3,017	\$301.69	\$3,016.90
55 ALOGLIPTIN	14	2	73	\$ 2,818	\$201.30	\$1,409.10
56 PIOGLITAZONE HCL/METFORMI	6	2	54	\$ 2,774	\$462.29	\$1,386.87
57 HUMULIN N KWIKPEN	7	4	32	\$ 2,699	\$385.54	\$674.69
58 GLUCAGON EMERGENCY KIT	9	6	42	\$ 2,407	\$267.42	\$401.13
59 GLIPIZIDE	203	52	54	\$ 2,112	\$10.40	\$40.61
60 BYETTA	1	1	66	\$ 2,062	\$2,061.84	\$2,061.84
61 PIOGLITAZONE HCL	69	21	58	\$ 1,787	\$25.90	\$85.09
62 GLIPIZIDE ER	81	25	57	\$ 1,779	\$21.97	\$71.18
63 GLYBURIDE	36	10	52	\$ 1,600	\$44.44	\$159.98
64 INSULIN LISPRO PROTAMINE/	1	1	46	\$ 1,554	\$1,554.02	\$1,554.02
65 REPAGLINIDE	15	5	50	\$ 956	\$63.74	\$191.21
66 ALOGLIPTIN/PIOGLITAZONE	3	1	41	\$ 899	\$299.50	\$898.50
67 NATEGLINIDE	3	2	56	\$ 749	\$249.76	\$374.65
68 GLIPIZIDE/METFORMIN HYDRO	10	2	49	\$ 718	\$71.78	\$358.88
69 SYNJARDY	1	1	46	\$ 713	\$712.78	\$712.78
70 BAQSIMI TWO PACK	1	1	65	\$ 554	\$553.83	\$553.83
71 LYUMJEV KWIKPEN	1	1	45	\$ 522	\$522.01	\$522.01
72 ACARBOSE	6	2	59	\$ 382	\$63.73	\$191.18
73 GLUCAGEN HYPOKIT	1	1	68	\$ 280	\$279.91	\$279.91
74 GLYBURIDE/METFORMIN HYDRO	16	3	46	\$ 247	\$15.42	\$82.23
75 GLIPIZIDE XL	3	3	41	\$ 121	\$40.42	\$40.42
Grand Total	8204	981	54	\$4,219,676	\$514.34	\$4,301.40

County of Tulare Drug Name	Claims	Unique Members	Average Age	Paid Claims	Cost / Script	Cost / Member
1 TRULICITY	201	37	57	\$ 252,328	\$1,255.36	\$6,819.67
2 OZEMPIC	158	25	57	\$ 178,437	\$1,129.35	\$7,137.47
3 JANUVIA	204	43	60	\$ 166,450	\$815.93	\$3,870.93
4 JARDIANCE	178	35	54	\$ 152,858	\$858.75	\$4,367.37
5 FARXIGA	162	31	59	\$ 124,441	\$768.15	\$4,014.22
6 LANTUS SOLOSTAR	158	34	57	\$ 81,013	\$512.74	\$2,382.73
7 HUMALOG	69	16	55	\$ 73,936	\$1,071.53	\$4,620.97
8 HUMALOG KWIKPEN	75	17	62	\$ 60,359	\$804.79	\$3,550.53
9 VICTOZA	35	7	51	\$ 48,467	\$1,384.78	\$6,923.89
10 TRESIBA FLEXTOUCH	55	18	54	\$ 47,683	\$866.97	\$2,649.06
11 TOUJEO SOLOSTAR	56	10	66	\$ 30,276	\$540.64	\$3,027.59
12 JANUMET XR	38	8	49	\$ 30,223	\$795.34	\$3,777.85
13 LEVEMIR FLEXTOUCH	39	8	57	\$ 26,554	\$680.86	\$3,319.19
14 INVOKANA	39	6	57	\$ 26,469	\$678.70	\$4,411.54
15 LANTUS	37	9	56	\$ 19,120	\$516.76	\$2,124.44
16 XIGDUO XR	27	5	58	\$ 18,476	\$684.30	\$3,695.22
17 TRADJENTA	33	7	65	\$ 18,293	\$554.34	\$2,613.32
18 RYBELSUS	21	6	43	\$ 18,205	\$866.92	\$3,034.20
19 BYDUREON BCISE	23	4	53	\$ 16,693	\$725.77	\$4,173.18
20 JANUMET	22	5	51	\$ 14,994	\$681.54	\$2,998.77
21 BYDUREON PEN	19	2	65	\$ 13,696	\$720.82	\$6,847.78
22 INVOKAMET	22	3	50	\$ 13,106	\$595.73	\$4,368.67
23 NOVOLOG FLEXPEN	19	7	68	\$ 11,855	\$623.96	\$1,693.61
24 SYNJARDY XR	8	3	64	\$ 11,768	\$1,471.00	\$3,922.66
25 NOVOLOG MIX 70/30 PREFILL	5	1	66	\$ 11,071	\$2,214.12	\$11,070.58
26 HUMALOG JUNIOR KWIKPEN	14	3	22	\$ 10,514	\$751.01	\$3,504.73
27 NOVOLOG	12	3	55	\$ 9,589	\$799.10	\$3,196.41
28 LEVEMIR	7	3	54	\$ 9,007	\$1,286.74	\$3,002.40
29 JENTADUETO	19	3	39	\$ 8,363	\$440.18	\$2,787.80
30 HUMULIN R U-500 KWIKPEN	9	1	35	\$ 8,321	\$924.60	\$8,321.44
31 ONGLYZA	6	2	63	\$ 7,202	\$1,200.32	\$3,600.96
32 METFORMIN HYDROCHLORIDE E	306	77	53	\$ 6,850	\$22.39	\$88.97
33 INSULIN LISPRO KWIKPEN	13	5	40	\$ 6,348	\$488.33	\$1,269.66
34 INSULIN LISPRO	10	5	63	\$ 6,187	\$618.66	\$1,237.31
35 GLYXAMBI	4	1	44	\$ 6,055	\$1,513.64	\$6,054.56
36 XULTOPHY 100/3.6	5	1	51	\$ 5,307	\$1,061.50	\$5,307.49
37 METFORMIN HYDROCHLORIDE	718	206	53	\$ 5,026	\$7.00	\$24.40
38 KOMBIGLYZE XR	4	1	66	\$ 4,801	\$1,200.32	\$4,801.28
39 NOVOLOG PENFILL	4	1	78	\$ 4,310	\$1,077.43	\$4,309.72
40 SOLIQUA 100/33	6	1	65	\$ 4,269	\$711.47	\$4,268.82

SJVIA Drug Name	Claims	Unique Members	Average Age	Paid Claims	Cost / Script	Cost / Member
41 HUMALOG JUNIOR KWIKPEN	14	3	22	\$ 10,514	\$751.01	\$3,504.73
42 HUMULIN R U-500 KWIKPEN	11	2	40	\$ 9,455	\$859.53	\$4,727.40
43 HUMULIN N	10	3	54	\$ 9,419	\$941.92	\$3,139.75
44 STEGLATRO	16	4	38	\$ 8,742	\$546.39	\$2,185.56
45 GLYXAMBI	6	2	44	\$ 7,117	\$1,186.12	\$3,558.35
46 INSULIN ASPART FLEXPEN	6	4	64	\$ 6,986	\$1,164.31	\$1,746.46
47 INVOKAMET XR	5	1	39	\$ 5,382	\$1,076.30	\$5,381.52
48 GLIMEPIRIDE	312	80	57	\$ 5,331	\$17.09	\$66.64
49 KOMBIGLYZE XR	4	1	66	\$ 4,801	\$1,200.32	\$4,801.28
50 INSULIN ASPART PROTAMINE/ 51 PIOGLITAZONE HYDROCHLORID	2	1	54	\$ 4,689	\$2,344.59	\$4,689.18
52 NOVOLOG PENFILL	278	82	56	\$ 4,497	\$16.18	\$54.84
53 BAQSIMI ONE PACK	4	1	78	\$ 4,310	\$1,077.43	\$4,309.72
54 APIDRA SOLOSTAR	7	4	40	\$ 3,877	\$553.83	\$969.20
55 ALOGLIPTIN	10	1	29	\$ 3,017	\$301.69	\$3,016.90
56 PIOGLITAZONE HCL/METFORMI	14	2	73	\$ 2,818	\$201.30	\$1,409.10
57 HUMULIN N KWIKPEN	6	2	54	\$ 2,774	\$462.29	\$1,386.87
58 GLUCAGON EMERGENCY KIT	7	4	32	\$ 2,699	\$385.54	\$674.69
59 GLIPIZIDE	9	6	42	\$ 2,407	\$267.42	\$401.13
60 BYETTA	203	52	54	\$ 2,112	\$10.40	\$40.61
61 PIOGLITAZONE HCL	1	1	66	\$ 2,062	\$2,061.84	\$2,061.84
62 GLIPIZIDE ER	69	21	58	\$ 1,787	\$25.90	\$85.09
63 GLYBURIDE	81	25	57	\$ 1,779	\$21.97	\$71.18
64 INSULIN LISPRO PROTAMINE/ 65 REPAGLINIDE	36	10	52	\$ 1,600	\$44.44	\$159.98
66 ALOGLIPTIN/PIOGLITAZONE	1	1	46	\$ 1,554	\$1,554.02	\$1,554.02
67 NATEGLINIDE	15	5	50	\$ 956	\$63.74	\$191.21
68 GLIPIZIDE/METFORMIN HYDRO	3	1	41	\$ 899	\$299.50	\$898.50
69 SYNJARDY	3	2	56	\$ 749	\$249.76	\$374.65
70 BAQSIMI TWO PACK	10	2	49	\$ 718	\$71.78	\$358.88
71 LYUMJEV KWIKPEN	1	1	46	\$ 713	\$712.78	\$712.78
72 ACARBOSE	1	1	65	\$ 554	\$553.83	\$553.83
73 GLUCAGEN HYPOKIT	1	1	45	\$ 522	\$522.01	\$522.01
74 GLYBURIDE/METFORMIN HYDRO	6	2	59	\$ 382	\$63.73	\$191.18
75 GLIPIZIDE XL	1	1	68	\$ 280	\$279.91	\$279.91
Grand Total	8204	981	54	\$4,219,676	\$514.34	\$4,301.40

County of Fresno Drug Name	Claims	Unique Members	Average Age	Paid Claims	Cost / Script	Cost / Member
1 TRULICITY	407	64	52	\$458,278	\$1,125.99	\$7,160.60
2 JANUVIA	239	61	55	\$234,466	\$981.03	\$3,843.70
3 JARDIANCE	191	52	51	\$204,711	\$1,071.79	\$3,936.75
4 OZEMPIC	137	34	53	\$174,496	\$1,273.69	\$5,132.23
5 FARXIGA	151	43	57	\$161,438	\$1,069.12	\$3,754.37
6 HUMALOG	85	19	39	\$130,835	\$1,539.23	\$6,886.03
7 LANTUS SOLOSTAR	183	49	54	\$114,174	\$623.90	\$2,330.09
8 HUMALOG KWIKPEN	113	33	49	\$112,367	\$994.40	\$3,405.05
9 INVOKANA	112	23	54	\$98,160	\$876.43	\$4,267.84
10 VICTOZA	48	11	60	\$78,929	\$1,644.35	\$7,175.33
11 NOVOLOG FLEXPEN	54	12	55	\$61,084	\$1,131.18	\$5,090.32
12 TRESIBA FLEXTOUCH	55	19	56	\$60,421	\$1,098.57	\$3,180.08
13 TRADJENTA	84	16	52	\$58,737	\$699.25	\$3,671.04
14 BYDUREON BCISE	56	10	50	\$55,227	\$986.19	\$5,522.67
15 NOVOLOG	44	9	46	\$53,018	\$1,204.96	\$5,890.93
16 LEVEMIR FLEXTOUCH	53	13	53	\$51,722	\$975.88	\$3,978.59
17 JANUMET	62	15	53	\$48,237	\$778.02	\$3,215.81
18 TOUJEO SOLOSTAR	66	13	56	\$46,207	\$700.11	\$3,554.39
19 RYBELSUS	41	11	50	\$41,235	\$1,005.74	\$3,748.67
20 XULTOPHY 100/3.6	21	3	57	\$37,387	\$1,780.33	\$12,462.31
21 HUMALOG MIX 75/25 KWIKPEN	23	5	44	\$32,464	\$1,411.49	\$6,492.83
22 BYDUREON PEN	37	6	55	\$29,442	\$795.74	\$4,907.07
23 XIGDUO XR	47	11	54	\$28,705	\$610.75	\$2,609.58
24 METFORMIN HYDROCHLORIDE E	396	121	51	\$26,672	\$67.35	\$220.43
25 LANTUS	32	10	47	\$19,512	\$609.74	\$1,951.17
26 JANUMET XR	19	7	53	\$17,549	\$923.65	\$2,507.06
27 SOLIQUA 100/33	18	5	49	\$17,362	\$964.54	\$3,472.33
28 FIASP	14	1	41	\$15,672	\$1,119.42	\$15,671.84
29 AFREZZA	14	1	45	\$13,964	\$997.41	\$13,963.73
30 BASAGLAR KWIKPEN	41	12	46	\$12,749	\$310.96	\$1,062.44
31 INSULIN LISPRO	9	5	49	\$11,521	\$1,280.07	\$2,304.13
32 ONGLYZA	23	2	52	\$9,485	\$412.38	\$4,742.34
33 TOUJEO MAX SOLOSTAR	13	4	59	\$9,209	\$708.38	\$2,302.25
34 METFORMIN HYDROCHLORIDE	1281	346	52	\$8,737	\$6.82	\$25.25
35 HUMULIN N	3	1	71	\$8,018	\$2,672.79	\$8,018.37
36 SYNJARDY XR	5	1	55	\$6,692	\$1,338.32	\$6,691.59
37 INSULIN ASPART FLEXPEN	5	3	62	\$6,200	\$1,240.03	\$2,066.71
38 STEGLATRO	12	3	41	\$5,500	\$458.29	\$1,833.17
39 INVOKAMET XR	5	1	39	\$5,382	\$1,076.30	\$5,381.52

SJIVA Drug Name	Claims	Unique Members	Average Age	Paid Claims	Cost / Script	Cost / Member
40 JENTADUETO	4	1	48	\$5,168	\$1,292.04	\$5,168.16
41 NOVOLOG MIX 70/30 PREFILL	3	1	54	\$5,053	\$1,684.36	\$5,053.09
42 INSULIN LISPRO KWIKPEN	10	5	47	\$4,854	\$485.36	\$970.72
43 INSULIN ASPART PROTAMINE/	2	1	54	\$4,689	\$2,344.59	\$4,689.18
44 INVOKAMET	3	1	68	\$4,362	\$1,453.90	\$4,361.70
45 GLIMEPIRIDE	189	51	56	\$3,335	\$17.65	\$65.40
46 LEVEMIR	11	1	57	\$3,248	\$295.30	\$3,248.30
47 PIOGLITAZONE HYDROCHLORID	183	52	55	\$3,033	\$16.58	\$58.33
48 ALOGLIPTIN	14	2	73	\$2,818	\$201.30	\$1,409.10
49 INSULIN LISPRO PROTAMINE/	1	1	46	\$1,554	\$1,554.02	\$1,554.02
50 PIOGLITAZONE HCL	59	18	57	\$1,551	\$26.28	\$86.15
51 PIOGLITAZONE HCL/METFORMI	3	1	50	\$1,387	\$462.29	\$1,386.87
52 GLIPIZIDE	111	29	55	\$1,289	\$11.62	\$44.46
53 HUMULIN R U-500 KWIKPEN	2	1	61	\$1,133	\$566.68	\$1,133.36
54 GLUCAGON EMERGENCY KIT	4	3	28	\$1,070	\$267.42	\$356.56
55 GLYXAMBI	2	1	42	\$1,062	\$531.07	\$1,062.14
56 ALOGLIPTIN/PIOGLITAZONE	3	1	41	\$899	\$299.50	\$898.50
57 GLYBURIDE	15	5	56	\$804	\$53.59	\$160.76
58 SYNJARDY	1	1	46	\$713	\$712.78	\$712.78
59 GLIPIZIDE ER	37	11	56	\$699	\$18.90	\$63.59
60 BAQSIMI ONE PACK	1	1	45	\$554	\$553.83	\$553.83
61 LYUMJEV KWIKPEN	1	1	45	\$522	\$522.01	\$522.01
62 HUMULIN N KWIKPEN	1	1	32	\$442	\$441.73	\$441.73
63 NATEGLINIDE	1	1	66	\$351	\$351.34	\$351.34
64 GLUCAGEN HYPOKIT	1	1	68	\$280	\$279.91	\$279.91
65 GLIPIZIDE/METFORMIN HYDRO	2	1	51	\$241	\$120.57	\$241.14
66 ACARBOSE	3	1	61	\$167	\$55.76	\$167.28
67 GLIPIZIDE XL	3	3	41	\$121	\$40.42	\$40.42
68 GLYBURIDE/METFORMIN HYDRO	4	1	51	\$87	\$21.71	\$86.82
Grand Total	4873	595	53	\$2,617,449	\$537.13	\$4,399.07