



**San Diego-Imperial Counties Developmental Services, Inc.**  
4355 Ruffin Road, San Diego, California 92123 • (858) 576-2996 • www.sdrc.org

April 11, 2014

Santi J. Rogers, Director  
Department of Developmental Services  
1600 9<sup>th</sup> Street, Room 240, MS 2-13  
Sacramento, CA 94244-2020

Dear Santi:

Enclosed is a draft of the "Report to the Department of Developmental Services Regarding the San Diego Regional Center's Purchase of Service Utilization Data." This report is sent in compliance with Article VII, Section 6, in the contract between the Department of Developmental Services (DDS) and the San Diego-Imperial Counties Developmental Services, Incorporated (SDICDSI). The report will be approved by the SDICDSI Board of Directors on May 13, 2014. Following approval the final report will be sent to DDS.

Please contact me if you have any questions about the report. Congratulations on your appointment and I look forward to working with you in your new position.

Sincerely,

Carlos Flores  
Executive Director

Enclosure

c. John Doyle  
Nancy Bargmann

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**REPORT TO THE DEPARTMENT OF DEVELOPMENTAL SERVICES REGARDING  
THE SAN DIEGO REGIONAL CENTER'S  
PURCHASE OF SERVICE UTILIZATION DATA**

*April 1, 2014*

*Draft ~ This report will be submitted to the Board of Directors of the San Diego-Imperial Counties  
Developmental Services, Inc. on May 13, 2014 for approval.*

**I. Introduction:**

In June 2012, Section 4519.5 was added to the Welfare and Institutions Code (Lanterman Developmental Disabilities Services Act) through trailer bill language (AB 1472) in the budget act for fiscal year (FY) 2012-2013. This new section requires that regional centers compile data related to the purchase of service with respect to clients' ages, race, ethnicity, and primary language. Regional centers are required to post the data on their websites by March 31, 2013, and annually thereafter by December 31. Within three months after compiling the data, regional centers are required to meet with stakeholders in a public meeting regarding the data. In addition, the contract with the State of California requires the Board of Directors of the San Diego-Imperial Counties Developmental Services, Inc., to provide a report to the State by April 1, 2014, that includes issues identified by the data; the results of the public stakeholder meeting; and, proposed strategies. This report is submitted to the Department of Developmental Services (DDS) in compliance with that contractual obligation.

**II. Purchase of Service Utilization Data:**

**Data Limitations of Purchase of Service Expenditure Data**

**1. Purchase of Service Costs**

- i. The Purchase of Service (POS) data displayed represents the cost of services that clients received that are paid for by the regional center. This POS expenditure data does not include the cost of services clients receive that are paid for by Supplemental Security Income, Medi-Cal, the school system, and other generic agencies. The POS expenditure data represents expenditures the regional center made for services clients received during FY 2012-13 based on regional center POS state claim data that was provided to DDS as of December 31, 2013. The regional center may still make payments for services provided to clients during FY 2012-13 up until June 30, 2015.

**2. Client Count**

- i. The total number of clients who received services during the fiscal year will be greater than the regional center's actual caseload. A client is included in the data if the client received a regional center funded

service at any time during the fiscal year. A client who received a single service once during the year is counted the same as a client who received ongoing monthly services. Clients are also counted regardless of their current status with the regional center. The data may include clients whose current status is closed, transferred-out, in-active, etc. if the client received regional center services during FY 2012-13.

**3. Contract Purchase of Service Expenditures**

- i. Due to the limitations of the regional center uniform fiscal system (UFS), POS expenditure data may not include payments made by the regional center that are paid to a service provider under a contract. Currently, UFS is unable to allocate expenditures paid to a service provider under a contract to clients utilizing the contract service. Therefore, POS expenditures paid under a contract are excluded from the POS data. Typical services paid to a service provider under a contract may include, but are not limited to, transportation services and supported employment program group services. Therefore, the total amount of POS expenditures reported will not reconcile with the regional center's actual POS expenditures for FY 2012-13.

**4. Authorized Services**

- i. Services that are authorized "encumber" the funds needed to pay for those services. The regional center's computer system (UFS) gives the regional center options regarding the "maintenance" of its encumbrances. When encumbrances are routinely adjusted for non-utilization, there will be a higher utilization percentage. When encumbrances are not routinely adjusted for non-utilizations, there will be a lower utilization rate.

**5. Clients with Multiple Diagnoses**

- i. There are many clients who have more than one diagnosis. In the summary reports for Purchase of Service Expenditures by Diagnosis the report does not show clients with two or more diagnoses in all the categories in which they have a diagnosis, but rather the diagnoses are ranked and a client with multiple diagnoses shows up only once. The rankings of the diagnosis is the following:
  - 1. Autism
  - 2. Intellectual Disability
  - 3. Cerebral Palsy
  - 4. Epilepsy
  - 5. Category 5

An example could help illustrate this process. If a client has both diagnoses of Intellectual Disability and Epilepsy, the client will be included in the Intellectual Disability group (the more highly ranked diagnosis). If a client has three diagnoses Cerebral Palsy, Epilepsy, and Category 5, they would be included in Cerebral Palsy.

## 6. Category 5 Clients

- i. Clients listed in Category 5, according to Welfare and Institutions Code section 4512, are individuals who have “disabling conditions found to be closely related to Intellectual Disability or to require treatment similar to that required for individuals with Intellectual Disability, but shall not include other handicapping conditions that are solely physical in nature.”

### POS Expenditure Data

California regional centers, through their Association of Regional Center Agencies (ARCA), developed formulas for the extraction of data required by statute. The tables on pages 4 - 11 contain client data for the San Diego Regional Center (SDRC). The graph on page 13 contains information about the comparison of staff and persons served by the San Diego Regional Center relative to their racial and ethnic profiles. The tables and graph on pages 4 - 14 are entitled:

- San Diego Regional Center ~ Total Annual Expenditures and Authorized Services by Ethnicity or Race (page 4);
- San Diego Regional Center ~ Total Annual Expenditures and Authorized Services by Language (page 5);
- San Diego Regional Center ~ Total Annual Expenditures and Authorized Services by Diagnosis - Summary (page 7);
- San Diego Regional Center ~ Consumers with No Purchase of Services by Ethnicity or Race (page 8);
- San Diego Regional Center ~ Consumers with No Purchase of Services by Language (page 9);
- San Diego Regional Center ~ Consumers with No Purchase of Services by Diagnosis - Summary (page 13);
- Association of Regional Center Agencies ~ Aggregate POS Data - All Regional Centers, FY 2012-13 POS by Ethnicity, January 5, 2014 (page 14);
- San Diego Regional Center ~ Trend of Per Capita POS Expenditures by Ethnicity/Racial Groups for FY 2012 - 2013 (page 15);
- Association of Regional Center Agencies ~ Trend of Statewide Average Per Capita POS Expenditures by Ethnicity of FY 2011 - 2012 to FY 2012 - 2013 (page 16);
- San Diego Regional Center, Racial & Ethnic Profile: Staff & Client Comparison, SDRC Employee Census April 2014 ~ SDRC Client April 2013 Data (page 18).

## Total Annual Expenditures and Authorized Services by Ethnicity or Race

<b>For All Ages</b>						
Ethnicity	Consumer Count	Total Expenditures	Total Authorized Services	Per Capita Expenditures	Per Capita Authorized Services	Utilized
Asian	721	\$5,365,424	\$7,670,041	\$7,442	\$10,638	70.0%
Black/African-American	1,279	\$13,575,200	\$17,700,443	\$10,614	\$13,839	76.7%
Filipino	652	\$4,601,778	\$6,065,756	\$7,058	\$9,303	75.9%
Hispanic	7,206	\$49,949,200	\$69,765,603	\$6,932	\$9,682	71.6%
Native American	65	\$491,677	\$619,431	\$7,564	\$9,530	79.4%
Other Ethnicity or Race	5,783	\$32,430,876	\$50,511,783	\$5,608	\$8,735	64.2%
Polynesian	76	\$692,659	\$886,054	\$9,114	\$11,659	78.2%
White	7,317	\$98,842,496	\$123,340,425	\$13,509	\$16,857	80.1%
<b>Totals:</b>	<b>23,099</b>	<b>\$205,949,310</b>	<b>\$276,559,538</b>	<b>\$8,916</b>	<b>\$11,973</b>	<b>74.5%</b>

### **For Birth to age 2 years, inclusive**

Asian	79	\$555,596	\$1,007,411	\$7,033	\$12,752	55.2%
Black/African-American	73	\$330,997	\$590,713	\$4,534	\$8,092	56.0%
Filipino	43	\$184,021	\$343,030	\$4,280	\$7,977	53.6%
Hispanic	864	\$3,917,580	\$6,380,230	\$4,534	\$7,385	61.4%
Native American	2	\$3,529	\$8,050	\$1,765	\$4,025	43.8%
Other Ethnicity or Race	2,331	\$8,628,514	\$15,171,727	\$3,702	\$6,509	56.9%
Polynesian	4	\$11,102	\$18,563	\$2,775	\$4,641	59.8%
White	469	\$2,147,407	\$3,918,572	\$4,579	\$8,355	54.8%
<b>Totals:</b>	<b>3,865</b>	<b>\$15,778,745</b>	<b>\$27,438,297</b>	<b>\$4,082</b>	<b>\$7,099</b>	<b>57.5%</b>

### **For age 3 years to 21 years, inclusive**

Asian	403	\$2,156,110	\$3,424,441	\$5,350	\$8,497	63.0%
Black/African-American	477	\$2,255,421	\$3,358,637	\$4,728	\$7,041	67.2%
Filipino	308	\$888,755	\$1,294,033	\$2,886	\$4,201	68.7%
Hispanic	3,894	\$13,736,828	\$19,849,698	\$3,528	\$5,098	69.2%
Native American	30	\$55,068	\$73,469	\$1,836	\$2,449	75.0%
Other Ethnicity or Race	2,639	\$12,235,876	\$20,061,847	\$4,637	\$7,602	61.0%
Polynesian	40	\$187,957	\$250,364	\$4,699	\$6,259	75.1%
White	2,460	\$13,120,188	\$18,800,847	\$5,333	\$7,643	69.8%
<b>Totals:</b>	<b>10,251</b>	<b>\$44,636,203</b>	<b>\$67,113,336</b>	<b>\$4,354</b>	<b>\$6,547</b>	<b>66.5%</b>

### **For age 22 years and older**

Asian	239	\$2,653,718	\$3,238,189	\$11,103	\$13,549	82.0%
Black/African-American	729	\$10,988,781	\$13,751,093	\$15,074	\$18,863	79.9%
Filipino	301	\$3,529,002	\$4,428,693	\$11,724	\$14,713	79.7%
Hispanic	2,448	\$32,294,792	\$43,535,675	\$13,192	\$17,784	74.2%
Native American	33	\$433,080	\$537,912	\$13,124	\$16,300	80.5%
Other Ethnicity or Race	813	\$11,566,485	\$15,278,209	\$14,227	\$18,792	75.7%
Polynesian	32	\$493,601	\$617,127	\$15,425	\$19,285	80.0%
White	4,388	\$83,574,900	\$100,621,007	\$19,046	\$22,931	83.1%
<b>Totals:</b>	<b>8,983</b>	<b>\$145,534,361</b>	<b>\$182,007,906</b>	<b>\$16,201</b>	<b>\$20,261</b>	<b>80.0%</b>

The expenditure data reported may not include payments made by the regional center to a service provider under a Contract. Typical services paid to a service provider under a Contract include, but are not limited to, Transportation Services, Transportation Assistant Services, and Supported Employment Program (SEP) Group Services.

**Total Annual Expenditures and Authorized Services by Language**

Language	For All Ages			For Birth to age 2 years, inclusive			For age 3 years to 21 years, inclusive			For age 22 years and older		
	Total Expenditures	Total Authorized Services	Utilized	Total Expenditures	Total Authorized Services	Utilized	Total Expenditures	Total Authorized Services	Utilized	Total Expenditures	Total Authorized Services	Utilized
ASL (AMER SIGN LANG)	\$159,989	\$210,869	75.9%	\$2,770	\$3,376	82.1%	\$38,277	\$48,748	78.5%	\$118,942	\$158,746	74.9%
OTHER SIGN LANGUAGE	\$4,179	\$14,113	29.6%							\$4,179	\$14,113	29.6%
ENGLISH	\$169,924,437	\$224,822,717	75.6%	\$10,936,212	\$19,419,383	56.3%	\$35,451,451	\$54,139,811	65.5%	\$123,536,773	\$151,263,524	81.7%
ARMENIAN												
SOMALI	\$103,298	\$174,304	59.3%	\$18,387	\$28,096	65.4%	\$50,751	\$86,159	58.9%	\$34,160	\$60,049	56.9%
SWAHILI												
NIGERIAN	\$2,938	\$33,066	8.9%				\$2,938	\$33,066	8.9%			
AMHARIC	\$238,717	\$344,306	69.3%				\$78,087	\$121,049	64.5%	\$160,629	\$223,256	71.9%
FRENCH	\$0	\$0					\$0	\$0				
ITALIAN												
PORTUGUESE	\$3,426	\$9,905	34.6%	\$3,426	\$7,177	47.7%	\$0	\$2,728	0.0%	\$0	\$0	-
SPANISH	\$30,874,278	\$44,533,276	69.3%	\$4,332,830	\$7,100,630	61.0%	\$8,100,103	\$11,193,283	72.4%	\$18,441,346	\$25,239,362	70.3%
OTHER LATIN												
CANTONESE CHINESE	\$308,843	\$431,209	71.6%	\$62,763	\$103,244	60.8%	\$72,975	\$108,346	67.4%	\$173,104	\$219,619	78.8%
MANDARIN CHINESE	\$322,648	\$560,649	57.5%	\$173,713	\$327,079	53.1%	\$113,552	\$184,621	61.5%	\$35,382	\$48,949	72.3%
JAPANESE	\$59,884	\$100,686	59.5%	\$38,924	\$58,272	66.8%	\$20,960	\$42,413	49.4%			
VIETNAMESE	\$1,054,130	\$1,424,025	74.0%	\$92,875	\$157,505	59.0%	\$204,423	\$337,444	60.6%	\$756,831	\$929,075	81.5%
KOREAN	\$251,044	\$320,075	78.4%	\$593	\$1,185	50.0%	\$70,763	\$125,634	56.3%	\$179,689	\$193,256	93.0%
LAOTIAN	\$151,407	\$198,908	76.1%				\$4,573	\$13,067	35.0%	\$146,834	\$185,841	79.0%
CAMBODIAN	\$75,597	\$92,529	81.7%				\$7,060	\$8,160	86.5%	\$68,537	\$84,369	81.2%
OTHER ASIAN	\$14,708	\$26,406	55.7%				\$7,804	\$10,960	71.2%	\$6,904	\$15,446	44.7%
DUTCH												
GERMAN												
HMONG	\$11,440	\$13,793	82.9%				\$798	\$1,223	65.2%	\$10,642	\$12,569	84.7%
THAI	\$0	\$593	0.0%	\$0	\$593	0.0%						
MIEN												
OTHER GERMANIC												
HUNGARIAN	\$26,905	\$36,272	74.2%							\$26,905	\$36,272	74.2%
RUSSIAN	\$62,426	\$110,782	56.4%	\$29,201	\$66,531	43.9%	\$7,801	\$11,962	65.2%	\$25,425	\$32,289	78.7%
OTHER URALIC-SLAVIC LANGUAGE	\$88,987	\$100,245	88.8%				\$5,073	\$5,116	99.2%	\$83,914	\$95,129	88.2%
SAMOAN	\$45,690	\$73,553	62.1%				\$6,731	\$20,910	32.2%	\$38,959	\$52,644	74.0%
TAGALOG	\$965,946	\$1,244,338	77.6%	\$23,214	\$34,259	67.8%	\$105,210	\$157,005	67.0%	\$837,521	\$1,053,075	79.5%

The expenditure data reported may not include payments made by the regional center to a service provider under a Contract. Typical services paid to a service provider under a Contract include, but are not limited to, Transportation Services, Transportation Assistant Services, and Supported Employment Program (SEEP) Group Services.

**Total Annual Expenditures and Authorized Services by Language**

Language	For All Ages			For Birth to age 2 years, inclusive			For age 3 years to 21 years, inclusive			For age 22 years and older		
	Total Expenditures	Total Authorized Services	Utilized	Total Expenditures	Total Authorized Services	Utilized	Total Expenditures	Total Authorized Services	Utilized	Total Expenditures	Total Authorized Services	Utilized
GUAMANIAN	\$66,649	\$75,370	88.4%				\$66,649	\$75,370	88.4%			
OTHER PACIFIC ISLAND	\$14,025	\$20,159	69.6%				\$14,025	\$20,159	69.6%			
ARABIC	\$601,474	\$824,666	72.9%	\$23,854	\$50,939	46.8%	\$173,682	\$280,825	61.8%	\$403,938	\$492,902	82.0%
HEBREW	\$21,682	\$39,522	54.9%	\$11,038	\$16,622	66.4%	\$488	\$488	100.0%	\$10,156	\$22,413	45.3%
FARSI (PERSIAN)	\$274,631	\$402,733	68.2%	\$12,425	\$22,606	55.0%	\$71,951	\$106,810	67.4%	\$190,255	\$273,317	69.6%
HINDI(NORTHERN INDIA)	\$21,881	\$50,653	43.2%	\$15,771	\$38,005	41.5%				\$6,110	\$12,648	48.3%
URDU(PAKISTAN INDIA)	\$11,088	\$21,166	52.4%	\$747	\$1,906	39.2%				\$10,341	\$19,260	53.7%
OTHER INDO-IRANIAN LANG	\$11,020	\$17,909	61.5%				\$0	\$3,483	0.0%	\$11,020	\$14,426	76.4%
DANISH												
NORWEGIAN												
SWEDISH												
OTH. SCANDINAVIAN												
ALL OTHER LANGUAGES	\$175,941	\$230,741	76.3%	\$0	\$889	0.0%	\$40,753	\$70,026	58.2%	\$135,189	\$159,827	84.6%
<b>Totals:</b>	<b>\$205,949,310</b>	<b>\$276,559,538</b>	<b>74.5%</b>	<b>\$15,778,745</b>	<b>\$27,438,297</b>	<b>57.5%</b>	<b>\$44,636,203</b>	<b>\$67,113,336</b>	<b>66.5%</b>	<b>\$145,534,361</b>	<b>\$182,007,906</b>	<b>80.0%</b>

The expenditure data reported may not include payments made by the regional center to a service provider under a Contract. Typical services paid to a service provider under a Contract include, but are not limited to, Transportation Services, Transportation Assistant Services, and Supported Employment Program (SEP) Group Services.



## Total Annual Expenditures and Authorized Services by Diagnosis - Summary

**For All Ages**

Diagnosis	Consumer Count	Total Expenditures	Total Authorized Services	Per Capita Expenditures	Per Capita Authorized Services	Utilized
Autism (AU)	5,659	\$45,103,710	\$68,540,621	\$7,970	\$12,112	65.8%
Intellectual Disability (MR)	11,499	\$130,710,034	\$164,103,403	\$11,367	\$14,271	79.7%
Cerebral Palsy (CP)	755	\$8,505,901	\$10,301,901	\$11,266	\$13,645	82.6%
Epilepsy (EP)	262	\$3,347,718	\$4,233,901	\$12,778	\$16,160	79.1%
Category 5 (CAT5)	495	\$5,342,619	\$6,815,296	\$10,793	\$13,768	78.4%
Other (NODX)	4,429	\$12,939,327	\$22,564,415	\$2,922	\$5,095	57.3%
<b>Totals:</b>	<b>23,099</b>	<b>\$205,949,310</b>	<b>\$276,559,538</b>	<b>\$8,916</b>	<b>\$11,973</b>	<b>74.5%</b>

**For Birth to age 2 years, inclusive**

Autism (AU)	297	\$4,561,991	\$7,803,740	\$15,360	\$26,275	58.5%
Intellectual Disability (MR)	105	\$437,196	\$761,845	\$4,164	\$7,256	57.4%
Cerebral Palsy (CP)	18	\$50,326	\$73,399	\$2,796	\$4,078	68.6%
Epilepsy (EP)	0					
Category 5 (CAT5)	2	\$9,888	\$16,050	\$4,944	\$8,025	61.6%
Other (NODX)	3,443	\$10,719,344	\$18,783,263	\$3,113	\$5,455	57.1%
<b>Totals:</b>	<b>3,865</b>	<b>\$15,778,745</b>	<b>\$27,438,297</b>	<b>\$4,082</b>	<b>\$7,099</b>	<b>57.5%</b>

**For age 3 years to 21 years, inclusive**

Autism (AU)	4,645	\$26,243,798	\$42,509,745	\$5,650	\$9,152	61.7%
Intellectual Disability (MR)	4,326	\$15,102,434	\$19,385,240	\$3,491	\$4,481	77.9%
Cerebral Palsy (CP)	258	\$689,033	\$999,650	\$2,671	\$3,875	68.9%
Epilepsy (EP)	58	\$329,239	\$406,871	\$5,677	\$7,015	80.9%
Category 5 (CAT5)	72	\$420,532	\$534,277	\$5,841	\$7,421	78.7%
Other (NODX)	892	\$1,851,168	\$3,277,552	\$2,075	\$3,674	56.5%
<b>Totals:</b>	<b>10,251</b>	<b>\$44,636,203</b>	<b>\$67,113,336</b>	<b>\$4,354</b>	<b>\$6,547</b>	<b>66.5%</b>

**For age 22 years and older**

Autism (AU)	717	\$14,297,922	\$18,227,135	\$19,941	\$25,421	78.4%
Intellectual Disability (MR)	7,068	\$115,170,404	\$143,956,318	\$16,295	\$20,367	80.0%
Cerebral Palsy (CP)	479	\$7,766,542	\$9,228,852	\$16,214	\$19,267	84.2%
Epilepsy (EP)	204	\$3,018,479	\$3,827,030	\$14,796	\$18,760	78.9%
Category 5 (CAT5)	421	\$4,912,200	\$6,264,969	\$11,668	\$14,881	78.4%
Other (NODX)	94	\$368,815	\$503,601	\$3,924	\$5,357	73.2%
<b>Totals:</b>	<b>8,983</b>	<b>\$145,534,361</b>	<b>\$182,007,906</b>	<b>\$16,201</b>	<b>\$20,261</b>	<b>80.0%</b>

The expenditure data reported may not include payments made by the regional center to a service provider under a Contract. Typical services paid to a service provider under a Contract include, but are not limited to, Transportation Services, Transportation Assistant Services, and Supported Employment Program (SEP) Group Services.

### Consumers with No Purchase of Services by Ethnicity or Race

**For All Ages**

Ethnicity	Total Eligible Consumers	Consumers Receiving Purchased Services	Consumers With No Purchased Services	Percent With No Purchased Services
Asian	721	550	171	23.7%
Black/African-American	1,279	974	305	23.8%
Filipino	652	464	188	28.8%
Hispanic	7,206	5,211	1,995	27.7%
Native American	65	40	25	38.5%
Other Ethnicity or Race	5,783	4,619	1,164	20.1%
Polynesian	76	58	18	23.7%
White	7,317	6,046	1,271	17.4%
<b>Totals:</b>	<b>23,099</b>	<b>17,962</b>	<b>5,137</b>	<b>22.2%</b>

**For Birth to age 2 years, inclusive**

Asian	79	70	9	11.4%
Black/African-American	73	57	16	21.9%
Filipino	43	37	6	14.0%
Hispanic	864	787	77	8.9%
Native American	2	2	0	0.0%
Other Ethnicity or Race	2,331	2,018	313	13.4%
Polynesian	4	4	0	0.0%
White	469	404	65	13.9%
<b>Totals:</b>	<b>3,865</b>	<b>3,379</b>	<b>486</b>	<b>12.6%</b>

**For age 3 years to 21 years, inclusive**

Asian	403	293	110	27.3%
Black/African-American	477	273	204	42.8%
Filipino	308	193	115	37.3%
Hispanic	3,894	2,447	1,447	37.2%
Native American	30	10	20	66.7%
Other Ethnicity or Race	2,639	1,905	734	27.8%
Polynesian	40	26	14	35.0%
White	2,460	1,672	788	32.0%
<b>Totals:</b>	<b>10,251</b>	<b>6,819</b>	<b>3,432</b>	<b>33.5%</b>

**For age 22 years and older**

Asian	239	187	52	21.8%
Black/African-American	729	644	85	11.7%
Filipino	301	234	67	22.3%
Hispanic	2,448	1,977	471	19.2%
Native American	33	28	5	15.2%
Other Ethnicity or Race	813	696	117	14.4%
Polynesian	32	28	4	12.5%
White	4,388	3,970	418	9.5%
<b>Totals:</b>	<b>8,983</b>	<b>7,764</b>	<b>1,219</b>	<b>13.6%</b>

**Consumers with No Purchase of Services  
by Language**

<i>For All Ages</i> Language	Total Eligible Consumers	Consumers Receiving Purchased Services	Consumers With No Purchased Services	Percent With No Purchased Services
ASL (AMER SIGN LANG)	20	16	4	20.0%
OTHER SIGN LANGUAGE	1	1	0	0.0%
ENGLISH	17,306	13,643	3,663	21.2%
ARMENIAN	0	0	0	-
SOMALI	23	16	7	30.4%
SWAHILI	0	0	0	-
NIGERIAN	1	1	0	0.0%
AMHARIC	47	34	13	27.7%
FRENCH	1	0	1	100.0%
ITALIAN	0	0	0	-
PORTUGUESE	5	3	2	40.0%
SPANISH	5,052	3,768	1,284	25.4%
OTHER LATIN	0	0	0	-
CANTONESE CHINESE	44	37	7	15.9%
MANDARIN CHINESE	37	34	3	8.1%
JAPANESE	14	13	1	7.1%
VIETNAMESE	176	120	56	31.8%
KOREAN	24	19	5	20.8%
LAOTIAN	27	16	11	40.7%
CAMBODIAN	19	11	8	42.1%
OTHER ASIAN	5	4	1	20.0%
DUTCH	0	0	0	-
GERMAN	0	0	0	-
HMONG	9	3	6	66.7%
THAI	1	0	1	100.0%
MIEN	0	0	0	-
OTHER GERMANIC	0	0	0	-
HUNGARIAN	2	1	1	50.0%
RUSSIAN	11	10	1	9.1%
OTHER URALIC-SLAVIC LANGUAGES	4	4	0	0.0%
SAMOAN	3	3	0	0.0%
TAGALOG	121	92	29	24.0%
GUAMANIAN	1	1	0	0.0%
OTHER PACIFIC ISLAND	3	1	2	66.7%
ARABIC	80	62	18	22.5%
HEBREW	5	4	1	20.0%
FARSI (PERSIAN)	30	24	6	20.0%
HINDI(NORTHERN INDIA)	2	2	0	0.0%
URDU(PAKISTAN INDIA)	2	2	0	0.0%
OTHER INDO-IRANIAN LANG	3	1	2	66.7%
DANISH	0	0	0	-
NORWEGIAN	0	0	0	-
SWEDISH	0	0	0	-
OTH. SCANDINAVIAN	0	0	0	-
ALL OTHER LANGUAGES	20	16	4	20.0%
<b>Totals:</b>	<b>23,099</b>	<b>17,962</b>	<b>5,137</b>	<b>22.2%</b>

### Consumers with No Purchase of Services by Language

<i>For Birth to age 2 years, inclusive</i>	Total Eligible Consumers	Consumers Receiving Purchased Services	Consumers With No Purchased Services	Percent With No Purchased Services
Language				
ASL (AMER SIGN LANG)	1	1	0	0.0%
OTHER SIGN LANGUAGE	0	0	0	
ENGLISH	2,631	2,261	370	14.1%
ARMENIAN	0	0	0	
SOMALI	6	4	2	33.3%
SWAHILI	0	0	0	
NIGERIAN	0	0	0	
AMHARIC	0	0	0	
FRENCH	0	0	0	
ITALIAN	0	0	0	
PORTUGUESE	3	3	0	0.0%
SPANISH	1,138	1,035	103	9.1%
OTHER LATIN	0	0	0	
CANTONESE CHINESE	7	7	0	0.0%
MANDARIN CHINESE	19	18	1	5.3%
JAPANESE	5	5	0	0.0%
VIETNAMESE	19	16	3	15.8%
KOREAN	2	1	1	50.0%
LAOTIAN	0	0	0	
CAMBODIAN	0	0	0	
OTHER ASIAN	0	0	0	
DUTCH	0	0	0	
GERMAN	0	0	0	
HMONG	0	0	0	
THAI	1	0	1	100.0%
MIEN	0	0	0	
OTHER GERMANIC	0	0	0	
HUNGARIAN	0	0	0	
RUSSIAN	5	5	0	0.0%
OTHER URALIC-SLAVIC LANGUAGES	0	0	0	
SAMOAN	0	0	0	
TAGALOG	7	7	0	0.0%
GUAMANIAN	0	0	0	
OTHER PACIFIC ISLAND	0	0	0	
ARABIC	14	10	4	28.6%
HEBREW	1	1	0	0.0%
FARSI (PERSIAN)	3	3	0	0.0%
HINDI(NORTHERN INDIA)	1	1	0	0.0%
URDU(PAKISTAN INDIA)	1	1	0	0.0%
OTHER INDO-IRANIAN LANG	0	0	0	
DANISH	0	0	0	
NORWEGIAN	0	0	0	
SWEDISH	0	0	0	
OTH. SCANDINAVIAN	0	0	0	
ALL OTHER LANGUAGES	1	0	1	100.0%
<b>Totals:</b>	3,865	3,379	486	12.6%

**Consumers with No Purchase of Services  
by Language**

*For age 3 years to 21 years, inclusive*

Language	Total Eligible Consumers	Consumers Receiving Purchased Services	Consumers With No Purchased Services	Percent With No Purchased Services
ASL (AMER SIGN LANG)	9	6	3	33.3%
OTHER SIGN LANGUAGE	0	0	0	
ENGLISH	7,463	5,042	2,421	32.4%
ARMENIAN	0	0	0	
SOMALI	13	8	5	38.5%
SWAHILI	0	0	0	
NIGERIAN	1	1	0	0.0%
AMHARIC	23	17	6	26.1%
FRENCH	1	0	1	100.0%
ITALIAN	0	0	0	
PORTUGUESE	1	0	1	100.0%
SPANISH	2,477	1,571	906	36.6%
OTHER LATIN	0	0	0	
CANTONESE CHINESE	20	17	3	15.0%
MANDARIN CHINESE	14	12	2	14.3%
JAPANESE	9	8	1	11.1%
VIETNAMESE	73	41	32	43.8%
KOREAN	16	12	4	25.0%
LAOTIAN	11	4	7	63.6%
CAMBODIAN	11	5	6	54.5%
OTHER ASIAN	2	1	1	50.0%
DUTCH	0	0	0	
GERMAN	0	0	0	
HMONG	3	1	2	66.7%
THAI	0	0	0	
MIEN	0	0	0	
OTHER GERMANIC	0	0	0	
HUNGARIAN	0	0	0	
RUSSIAN	4	3	1	25.0%
OTHER URALIC-SLAVIC LANGUAGES	1	1	0	0.0%
SAMOAN	1	1	0	0.0%
TAGALOG	32	25	7	21.9%
GUAMANIAN	0	0	0	
OTHER PACIFIC ISLAND	1	0	1	100.0%
ARABIC	41	28	13	31.7%
HEBREW	2	1	1	50.0%
FARSI (PERSIAN)	12	7	5	41.7%
HINDI(NORTHERN INDIA)	0	0	0	
URDU(PAKISTAN INDIA)	0	0	0	
OTHER INDO-IRANIAN LANG	2	0	2	100.0%
DANISH	0	0	0	
NORWEGIAN	0	0	0	
SWEDISH	0	0	0	
OTH. SCANDINAVIAN	0	0	0	
ALL OTHER LANGUAGES	8	7	1	12.5%
<b>Totals:</b>	<b>10,251</b>	<b>6,819</b>	<b>3,432</b>	<b>33.5%</b>

### Consumers with No Purchase of Services by Language

<i>For age 22 years and older</i>	Total Eligible Consumers	Consumers Receiving Purchased Services	Consumers With No Purchased Services	Percent With No Purchased Services
Language				
ASL (AMER SIGN LANG)	10	9	1	10.0%
OTHER SIGN LANGUAGE	1	1	0	0.0%
ENGLISH	7,212	6,340	872	12.1%
ARMENIAN	0	0	0	
SOMALI	4	4	0	0.0%
SWAHILI	0	0	0	
NIGERIAN	0	0	0	
AMHARIC	24	17	7	29.2%
FRENCH	0	0	0	
ITALIAN	0	0	0	
PORTUGUESE	1	0	1	100.0%
SPANISH	1,437	1,162	275	19.1%
OTHER LATIN	0	0	0	
CANTONESE CHINESE	17	13	4	23.5%
MANDARIN CHINESE	4	4	0	0.0%
JAPANESE	0	0	0	
VIETNAMESE	84	63	21	25.0%
KOREAN	6	6	0	0.0%
LAOTIAN	16	12	4	25.0%
CAMBODIAN	8	6	2	25.0%
OTHER ASIAN	3	3	0	0.0%
DUTCH	0	0	0	
GERMAN	0	0	0	
HMONG	6	2	4	66.7%
THAI	0	0	0	
MIEN	0	0	0	
OTHER GERMANIC	0	0	0	
HUNGARIAN	2	1	1	50.0%
RUSSIAN	2	2	0	0.0%
OTHER URALIC-SLAVIC LANGUAGES	3	3	0	0.0%
SAMOAN	2	2	0	0.0%
TAGALOG	82	60	22	26.8%
GUAMANIAN	1	1	0	0.0%
OTHER PACIFIC ISLAND	2	1	1	50.0%
ARABIC	25	24	1	4.0%
HEBREW	2	2	0	0.0%
FARSI (PERSIAN)	15	14	1	6.7%
HINDI(NORTHERN INDIA)	1	1	0	0.0%
URDU(PAKISTAN INDIA)	1	1	0	0.0%
OTHER INDO-IRANIAN LANG	1	1	0	0.0%
DANISH	0	0	0	
NORWEGIAN	0	0	0	
SWEDISH	0	0	0	
OTH. SCANDINAVIAN	0	0	0	
ALL OTHER LANGUAGES	11	9	2	18.2%
<b>Totals:</b>	<b>8,983</b>	<b>7,764</b>	<b>1,219</b>	<b>13.6%</b>

### Consumers with No Purchase of Services by Diagnosis - Summary

**For All Ages**

Diagnosis	Total Eligible Consumers	Consumers Receiving Purchased Services	Consumers With No Purchased Services	Percent With No Purchased Services
Autism (AU)	5,659	4,200	1,459	25.8%
Intellectual Disability (MR)	11,499	8,768	2,731	23.7%
Cerebral Palsy (CP)	755	586	169	22.4%
Epilepsy (EP)	262	206	56	21.4%
Category 5 (CAT5)	495	393	102	20.6%
Other (NODX)	4,429	3,809	620	14.0%
<b>Totals:</b>	<b>23,099</b>	<b>17,962</b>	<b>5,137</b>	<b>22.2%</b>

**For Birth to age 2 years, inclusive**

Autism (AU)	297	290	7	2.4%
Intellectual Disability (MR)	105	94	11	10.5%
Cerebral Palsy (CP)	18	16	2	11.1%
Epilepsy (EP)	0	0	0	-
Category 5 (CAT5)	2	1	1	50.0%
Other (NODX)	3,443	2,978	465	13.5%
<b>Totals:</b>	<b>3,865</b>	<b>3,379</b>	<b>486</b>	<b>12.6%</b>

**For age 3 years to 21 years, inclusive**

Autism (AU)	4,645	3,300	1,345	29.0%
Intellectual Disability (MR)	4,326	2,511	1,815	42.0%
Cerebral Palsy (CP)	258	157	101	39.1%
Epilepsy (EP)	58	34	24	41.4%
Category 5 (CAT5)	72	47	25	34.7%
Other (NODX)	892	770	122	13.7%
<b>Totals:</b>	<b>10,251</b>	<b>6,819</b>	<b>3,432</b>	<b>33.5%</b>

**For age 22 years and older**

Autism (AU)	717	610	107	14.9%
Intellectual Disability (MR)	7,068	6,163	905	12.8%
Cerebral Palsy (CP)	479	413	66	13.8%
Epilepsy (EP)	204	172	32	15.7%
Category 5 (CAT5)	421	345	76	18.1%
Other (NODX)	94	61	33	35.1%
<b>Totals:</b>	<b>8,983</b>	<b>7,764</b>	<b>1,219</b>	<b>13.6%</b>

**ASSOCIATION OF REGIONAL CENTER AGENCIES  
 AGGREGATE POS DATA - ALL REGIONAL CENTERS  
 FY 2012-13 POS BY ETHNICITY  
 JANUARY 5, 2014**

*For All Ages*

	Average Expended All Consumers	Avg Expended Consumers With POS	Average Authorized All Consumers	Avg Authorized Consumers With POS	Average Utilization	Percent of Consumers With No POS
Asian	\$10,171	\$12,855	\$12,855	\$16,247	79.1%	20.9%
Black/African-American	\$13,049	\$16,448	\$15,819	\$19,940	82.5%	20.7%
Filipino	\$10,669	\$14,072	\$13,173	\$17,375	81.0%	24.2%
Hispanic	\$7,677	\$10,066	\$9,913	\$12,997	77.4%	23.7%
Native American	\$14,063	\$18,636	\$16,972	\$22,492	82.9%	24.5%
Other Ethnicity or Race	\$7,674	\$9,306	\$10,358	\$12,562	74.1%	17.5%
Polynesian	\$10,366	\$14,443	\$12,841	\$17,891	80.7%	28.2%
White	\$16,951	\$20,411	\$20,337	\$24,488	83.4%	16.9%
Totals	\$11,519	\$14,455	\$14,277	\$17,915	80.7%	20.3%

*For Birth to age 2 years, inclusive*

Asian	\$5,641	\$5,960	\$8,364	\$8,837	67.4%	5.4%
Black/African-American	\$3,981	\$4,196	\$6,823	\$7,191	58.3%	5.1%
Filipino	\$5,924	\$6,291	\$9,283	\$9,857	63.8%	5.8%
Hispanic	\$4,192	\$4,398	\$6,500	\$6,820	64.5%	4.7%
Native American	\$3,796	\$3,916	\$6,909	\$7,128	54.9%	3.1%
Other Ethnicity or Race	\$3,630	\$3,853	\$5,729	\$6,081	63.4%	5.8%
Polynesian	\$6,030	\$6,262	\$8,832	\$9,172	68.3%	3.7%
White	\$4,912	\$5,218	\$7,890	\$8,381	62.3%	5.9%
Totals	\$4,299	\$4,538	\$6,756	\$7,131	63.6%	5.3%

*For age 3 years to 21 years, inclusive*

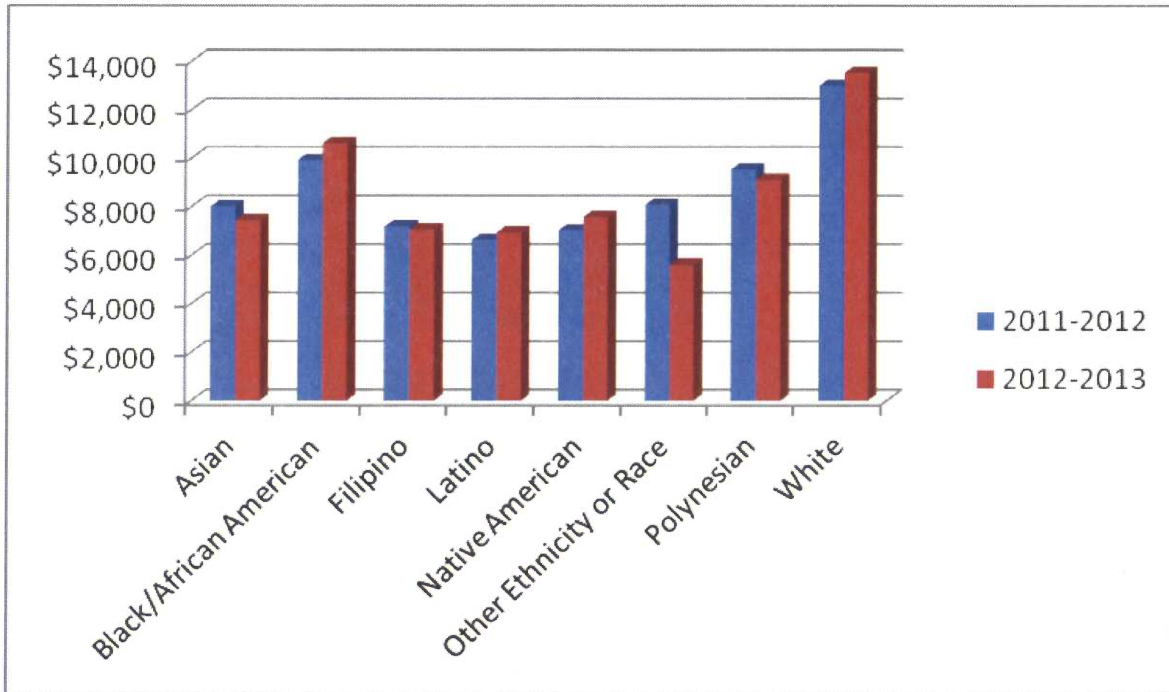
Asian	\$6,866	\$9,486	\$9,432	\$13,031	72.8%	27.6%
Black/African-American	\$5,465	\$8,579	\$7,435	\$11,673	73.5%	36.3%
Filipino	\$6,211	\$9,201	\$8,190	\$12,132	75.8%	32.5%
Hispanic	\$4,391	\$6,752	\$6,122	\$9,414	71.7%	35.0%
Native American	\$5,851	\$10,735	\$8,177	\$15,003	71.6%	45.5%
Other Ethnicity or Race	\$6,055	\$8,404	\$8,757	\$12,153	69.1%	27.9%
Polynesian	\$4,503	\$7,898	\$6,224	\$10,917	72.4%	43.0%
White	\$6,916	\$10,110	\$9,722	\$14,213	71.1%	31.6%
Totals	\$5,576	\$8,300	\$7,797	\$11,606	71.5%	32.8%

*For age 22 years and older*

Asian	\$17,335	\$21,454	\$20,170	\$24,963	85.9%	19.2%
Black/African-American	\$21,102	\$23,677	\$24,517	\$27,509	86.1%	10.9%
Filipino	\$17,256	\$21,028	\$20,222	\$24,643	85.3%	17.9%
Hispanic	\$16,218	\$19,560	\$19,323	\$23,304	83.9%	17.1%
Native American	\$22,745	\$25,688	\$26,094	\$29,470	87.2%	11.5%
Other Ethnicity or Race	\$20,350	\$23,876	\$24,210	\$28,405	84.1%	14.8%
Polynesian	\$19,627	\$23,477	\$23,005	\$27,518	85.3%	16.4%
White	\$25,747	\$28,467	\$29,586	\$32,712	87.0%	9.6%
Totals	\$21,658	\$24,826	\$25,172	\$28,854	86.0%	12.8%

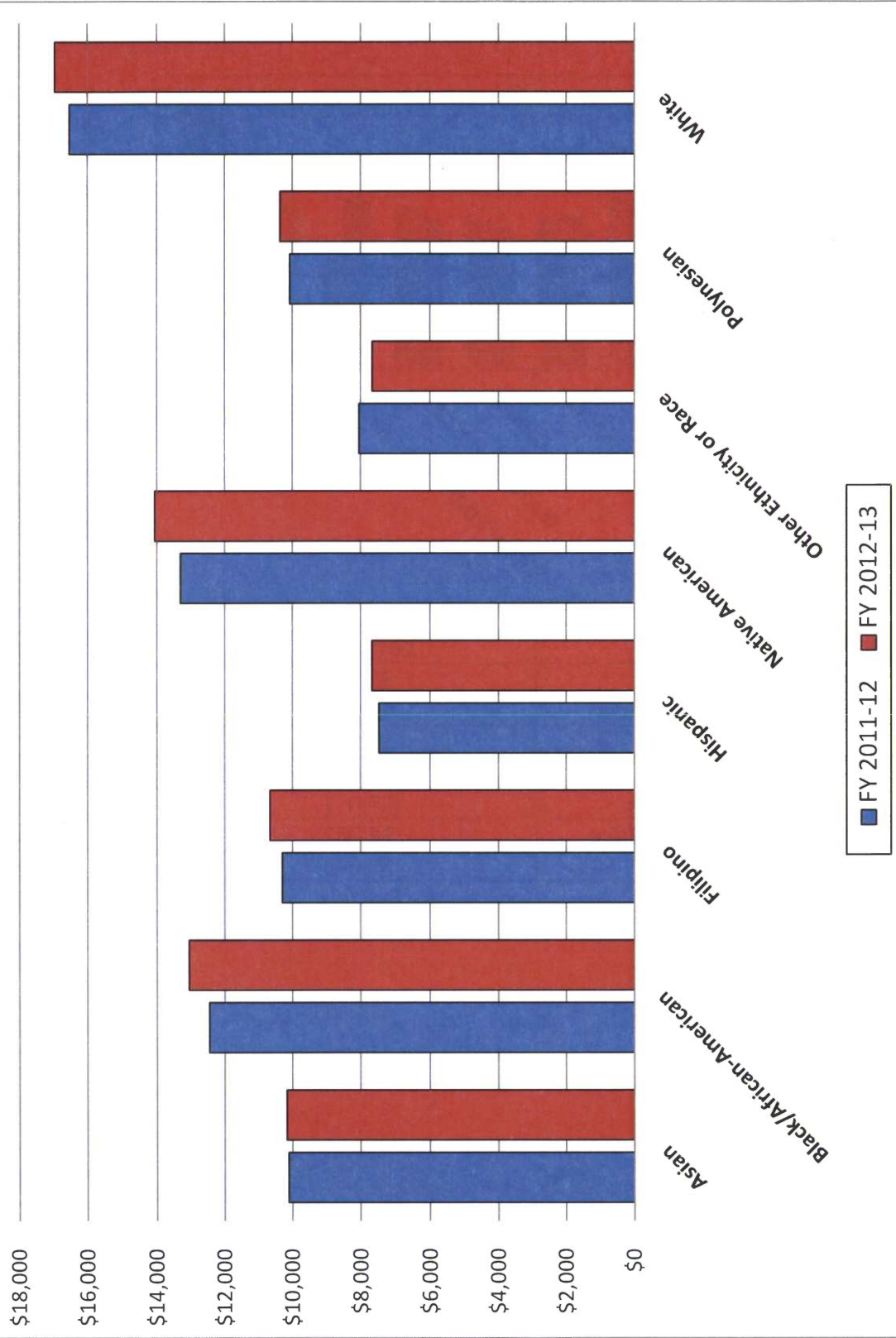


San Diego Regional Center ~ Trend of Per Capita POS Expenditures  
by Ethnicity/Racial Groups for FY 2012 - 2013

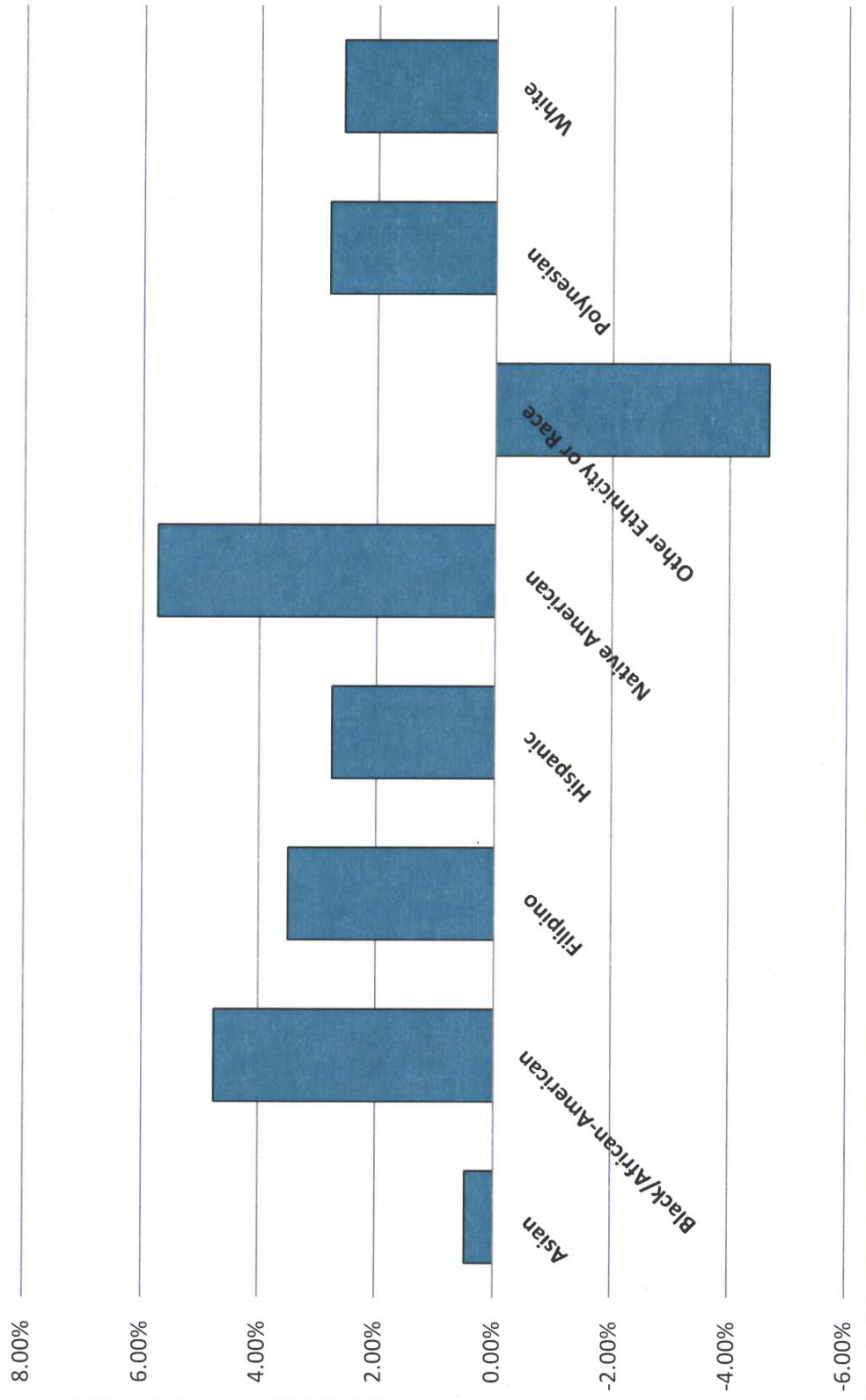


	2011-2012	2012-2013
Asian	\$8,004	\$ 7,442
Black/African American	\$9,915	\$ 10,614
Filipino	\$7,187	\$ 7,058
Latino	\$6,635	\$ 6,932
Native American	\$7,017	\$ 7,564
Other Ethnicity or Race	\$8,082	\$ 5,608
Polynesian	\$9,540	\$ 9,114
White	\$12,988	\$ 13,509

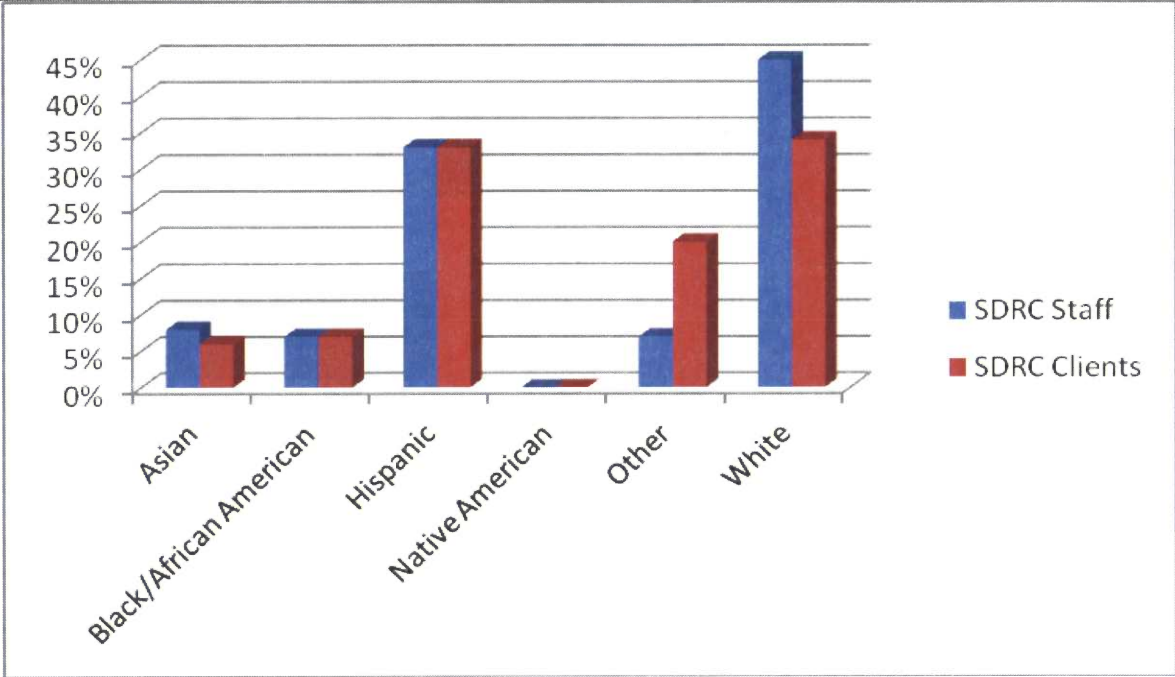
### Statewide Average Per Capita POS Expenditures by Ethnicity



**Statewide Average Per Capita POS Expenditures by Ethnicity  
for FY 2012-13  
Percent Change from Prior Year**



San Diego Regional Center  
Racial & Ethnic Profile: Staff & Client Comparison  
SDRC Employee Census April 2014 ~ SDRC Client 2013 Disparity Data



### III. Issues Identified by the Data

#### 1. Expenditures and Authorized Services by Ethnicity or Race

i. Asian, Latino, Native American, Filipino clients received and were authorized less per capita POS expenditures as contrasted to White clients (for all ages and diagnoses groups). The difference between Black/African-American and White clients was not as pronounced. There were clear age effects as outlined below:

1. This effect is not evident in Early Start clients, indeed the group receiving more per capita POS expenditures are Asians. There does not appear to be a significant difference among Black/African-American, Filipino, Latino and Whites in this age category.
2. For school age clients (3 years to 21 years, inclusive) Asian, White and Black/African- American groups received more POS per capita expenditures than Filipino and Latino.
3. For adult clients (ages 22 years and older) the ethnic/racial effect becomes more pronounced, that is, Asian, Filipino, Latino, Native American, received and were authorized less per capita POS expenditures as contrasted to White clients. Black/African-American groups received less than the White clients, though more than the Asian, Filipino, Latino, Native American groups.
4. Comparison between 2011-2012 fiscal year data and 2012-2013 fiscal year data reflect that the similar disparity pattern exists and no significant change has occurred.
5. There is a disproportionate number of clients who were identified as "other ethnicity or race", (approximately 6,000 clients, 2331 of whom are in Early Start). This category could represent a category of both unknown and "other" ethnicity and race. This large number of clients in this category prompts questions about the validity of the ethnicity and racial assignment of the clients. This issue will be explored and it is likely that training of staff will be important in the sensitive questioning of ethnic and racial identification.

#### 2. Expenditures and Authorized Services by Diagnosis

1. Clients with an Autism diagnosis received and were authorized less per capita POS expenditures as contrasted to the other diagnostic groups. This finding, though unanticipated, is attributable to the large percentage of clients with a diagnosis of Autism that are between the ages of 3 years and 21 years, with the school district assuming the primary responsibility for providing

services. This timeframe (school age) is relatively inexpensive as compared to the significantly more costly adult phase (22 years and older). The diagnoses of Intellectual Disability and Epilepsy are under-represented during the school age period and over represented during adulthood.

2. Clients with an Autistic diagnosis in Early Start received and were authorized significantly more per capita POS expenditures (three to four times more) as contrasted to the other diagnostic categories.
3. During school age, the differences in POS expenditures were not significant.
4. After school age, clients with an Autism diagnosis again received more POS expenditures.
5. In the expanded analyses where multiple diagnoses could be applied it appears in general that clients with several developmental disabilities tend to have more authorized and per capital expenditures, though sample sizes vary greatly with some categories with very few clients rendering it difficult to determine statistical significance.

### **3. Expenditures and Authorized Services by Language**

- i. In a parallel manner, though not as dramatic as ethnic/racial data, Spanish and Asian speaking clients received and were authorized less per capita POS expenditures as contrasted to White clients (for all ages and diagnoses groups)
  1. Not surprisingly the data for language mirrors ethnic/racial data when analyzed by age.

### **4. Clients with No POS**

- i. Another perspective to assess if there are disparities is to determine if there are significant differences in the number of clients with no purchase of services among ethnic and racial groups. In this analysis, the differences across the groups are significantly less, though the pattern of clients who identified themselves as White are less likely to receive no purchase of services. There are no discernible differences among the Asian, Black, Filipino, Latino or Polynesian groups.
- ii. These results were not replicated during Early Start. Latino and Asian clients had a smaller percentage of “no purchased services” than the average across ethnic/racial groups. The differences among ethnic/racial groups in terms of percentages of “no purchased services” are most pronounced in the adult group with the White group with significant lower numbers of clients receiving no “purchase of service”.

iii. There is no significant difference among the diagnostic categories with respect to percentage of no purchased services, though there is a significant interaction with age. There are virtually no clients (2.4%) with an Autism diagnosis in Early Start without services purchased by the regional center. During the school age that percentage increases to 29%. This pattern is replicated in the other diagnostic categories, though the effect is not as robust.

**5. SDRC Compared to the Aggregated POS Data of All Regional Centers**

i. The pattern of annual expenditures and authorized services by ethnicity or race of the San Diego Regional Center mirrors the aggregated data across all regional centers. There are some aggregated outcomes that are difficult to explain, perhaps attributable to sample size, such as Native American clients having the highest total annual expenditures across all ethnic/racial groups when aggregated for all regional centers. This speaks to the limitations of the data when analyses are not conducted to determine if the differences between groups are statistically significant at a certain level of probability.

**6. Trend of Per Capita POS Expenditures by Ethnicity/Racial Groups for FY 2012 - 2013**

i. The San Diego Regional Center POS expenditures by Ethnicity/Racial Groups for FY 2013 mirrored the profile of the FY 2012 data. These effects were also seen in the statewide data. There were modest gains across all racial and ethnic groups in the statewide data without significant differences among the groups as measured by percentage of change from the prior year of POS expenditures. There was an interesting effect of a reduction of POS expenditures from FY 2012 to 2013 in the Other Ethnicity or Race category.

**IV. Stakeholder Meetings:**

1. On March 12 and March 29, 2014, San Diego Regional Center convened two stakeholder public meetings on the client purchase of service data. The data were posted on the SDRC internet and the public meetings were convened in compliance with Section 4519.5 of the Welfare and Institutions Code. Handouts were distributed at the stakeholders meetings which provided the statutory context, limitations of POS data, San Diego Regional Center POS utilization data analyzed by ethnicity or race, language, diagnosis, the ARCA aggregate data, and the San Diego Regional Center staff ethnic profile.
2. The first stakeholder meeting was convened in The San Diego office with a video conference link to the Imperial County Office. The executive director presented the findings of the POS utilization data.

3. The second stakeholder meeting was convened in the in San Diego office. The director of community services presented the data and facilitated discussion.

## **V. Proposed Strategies**

The San Diego Regional Center analyzed the POS utilization data and was receptive to the input from the stakeholder meeting. In an attempt to conduct a more comprehensive analysis the Department of Sociology at the California State University at San Marcos was engaged to leverage research skills and subject matter expertise of racial and ethnic disparities. Faculty and advanced level graduate students are partnering with the San Diego Regional Center to apply more sophisticated statistical analyses as well as applying best practices from the sociology literature to ensure an equitable system in the purchase of services for the clients at the San Diego Regional Center.

*Draft ~ This report will be submitted to the Board of Directors of the San Diego-Imperial Counties Developmental Services, Inc. on May 13, 2014 for approval.*