



**AAP**

Arkansas Autism  
Partnership

# What are the services?

- Consultation for Assessment/Individual Program Design/Training- (23 hours)
- Ongoing Consultation-program implementation & monitoring (5.5 hours/month)
- Therapeutic aides and behavioral reinforcers (1 time flat rate)
  
- Lead therapy (6 hrs/wk)
- Line therapy (30 hrs/wk)
  - Parent involvement (minimum of 14 hours/wk)
- Independent Treatment Evaluation/Quality Assurance (36 hrs/first yr; then 24 hours year 2-3)

# What are the service rates?

Service	Rates Paid Staff	Total Billed (includes 20% admin fee for providers)
Consultation for Assessment/ Individual Program Design/Training	\$87/hour	\$104.40/hour
Ongoing Consultation	\$87/hour	\$104.40/hour
Therapeutic aides & materials	\$1000 one-time max.	\$1000 one-time max.
Lead therapy	\$25/hour	\$30/hour
Line therapy	\$15/hour	\$18/hour
Independent Treatment Technical Assistance	\$87/hour	\$104.40/hour

# Consultants

- SLPs 14
- BCBAAs 13 (4 doctoral level)
- BCBA/SLP 3
- SPED 8
- PSYCH 6
- OT 1

BACB: 30 BCBAAs and 2 BCaBAAs in AR currently

# Active Providers

- Arkansas Support Network (ASN)-16
- Sunshine School & Development Center - 5
- Bost- 6
- First Step - 6
- Focus - 10
- Helping Hand Learning Center -17
- Howard County Children's Center - 2
- Independent Case Management (ICM) – 40 STATEWIDE
- Gregory Kistler Treatment Center - 4
- Lonoke Exceptional School- 3
- Magnolia Specialized Services - 4
- Pattillo Center School - 1
- United Cerebral Palsy (UCP) – 16 STATEWIDE

# Inactive Providers

- Advantages of Southeast Arkansas
- AEDD
- Carroll County Learning Center \*
- Friendship Community Care \* #
- Independent Living \* #
- Jenkins Memorial Center
- Pathfinder
- Rainbow of Challenges
- South Arkansas Development Center for Children and Families
- Steudlein Learning Center \*
- Stepping Stone School for Exceptional Children
- Support Solutions
- The Allen School

\* previously served child but none active

# no longer participating

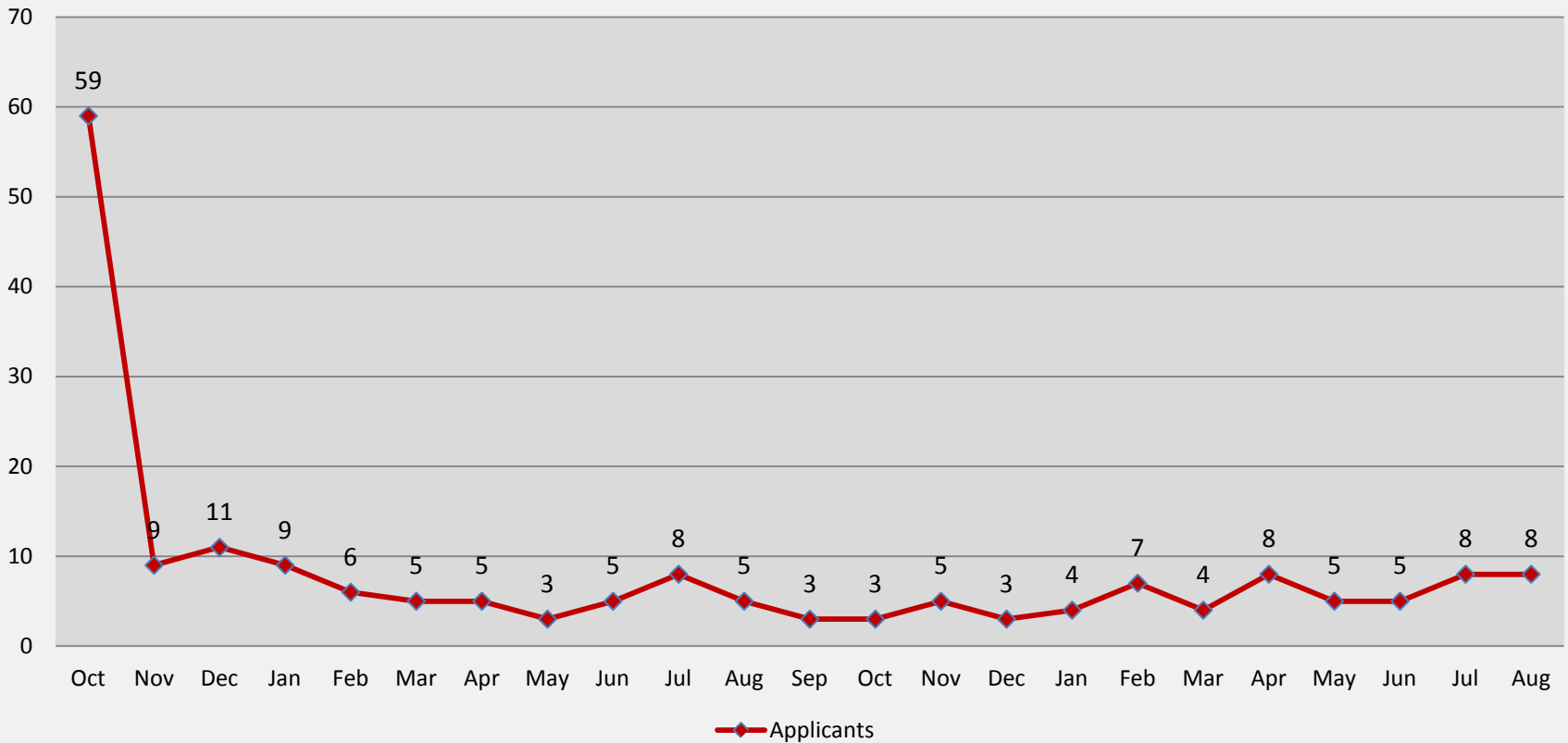
# Provider Changes

- Parents have the right to choose providers initially and to change at any time
- 21 have exercised the right to change

# Applications Received as of 083114

## Total = 188

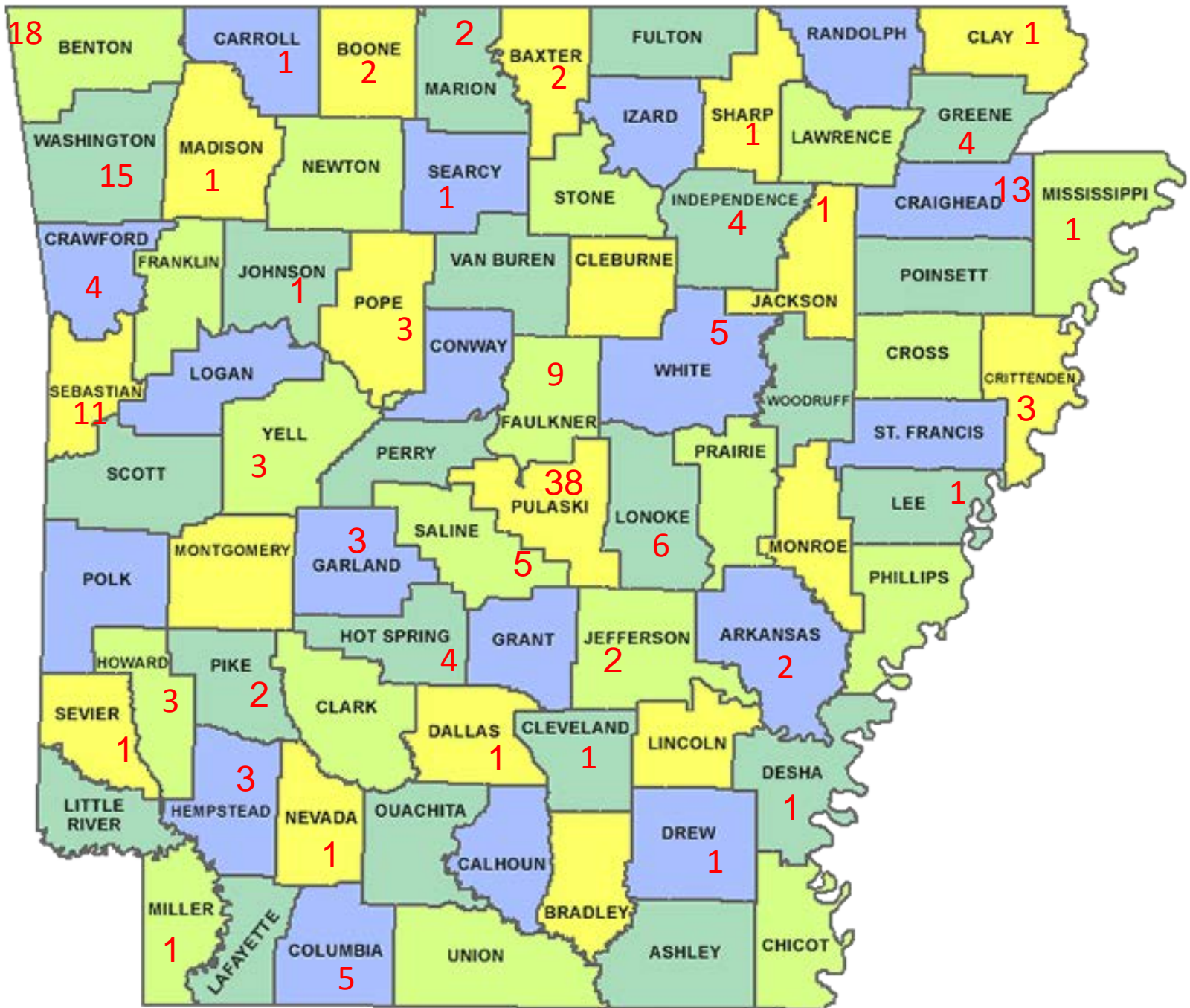
**Applicants by Month**  
10/1/12 to 08/31/14





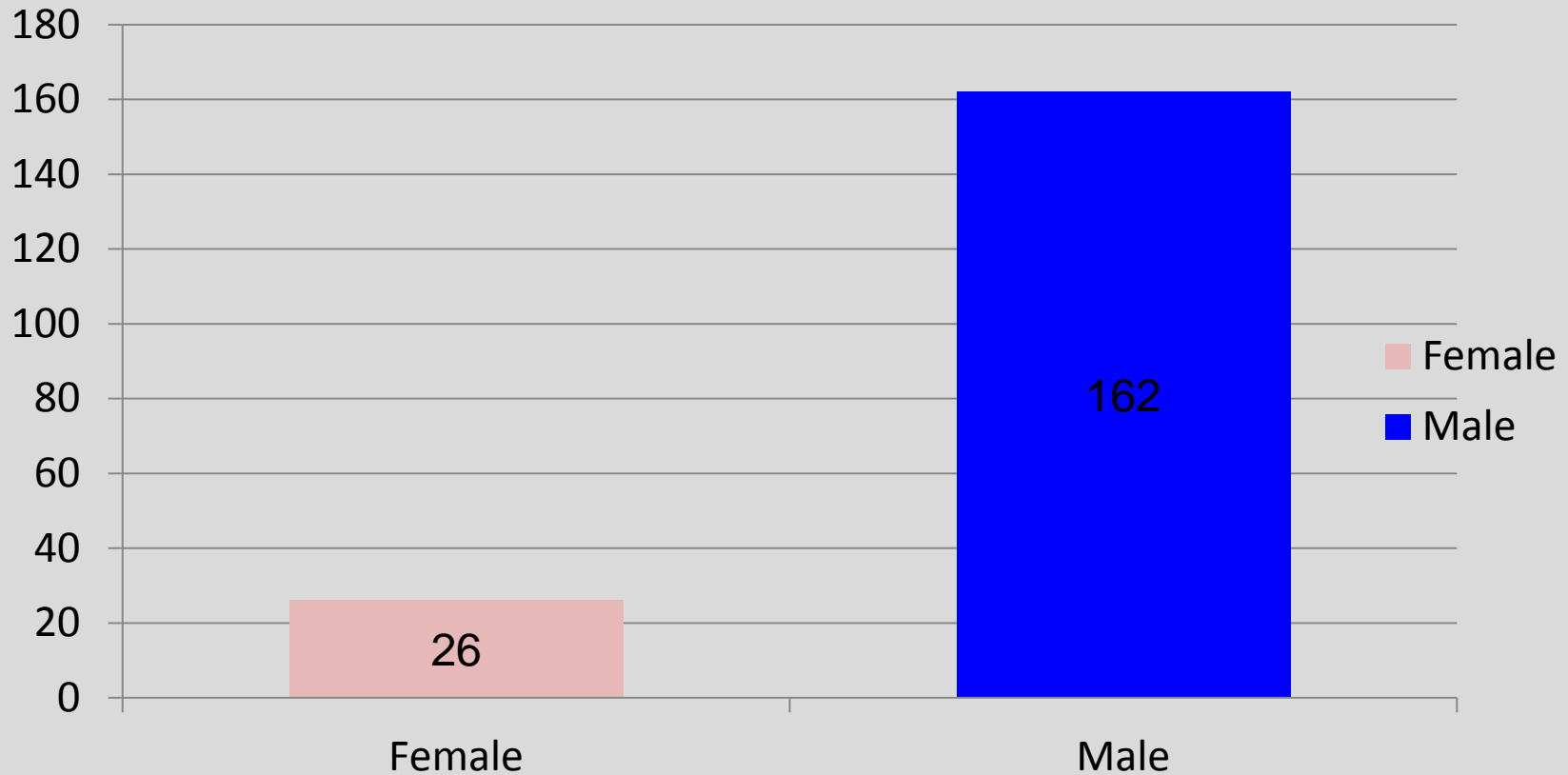
# Summary of Total Applicants

- 10/1/12- 8/31/14 188 applications
- 42 counties in Arkansas and 1 county in Missouri
- Highest number of applicants were in  
Pulaski (38), Benton (18), Washington (15),  
Craighead (13), Sebastian (11)



# Applicants by Gender 08/31/14

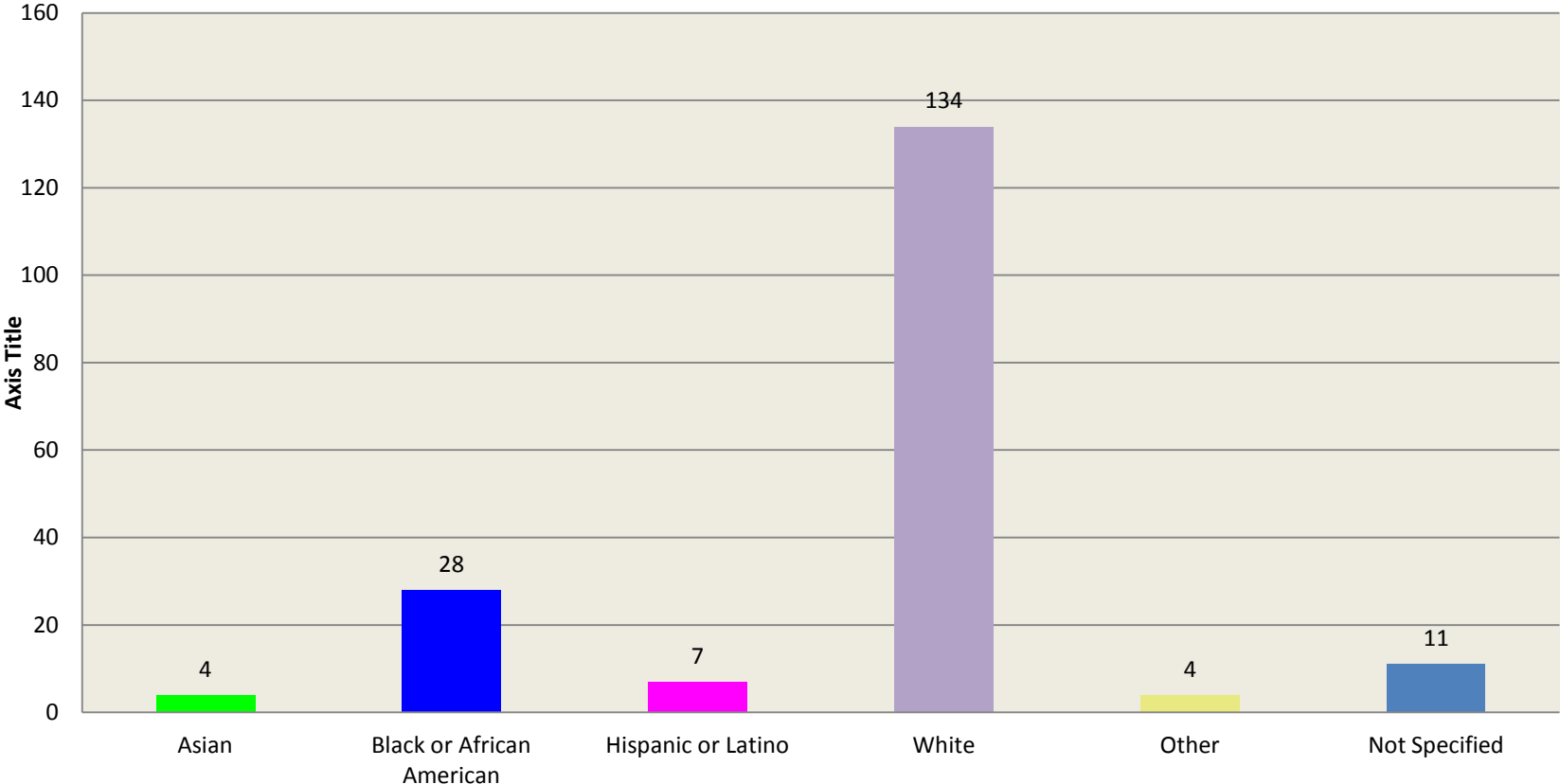
Applicants by Gender



# Total Applicants by Ethnicity

## 08/31/14

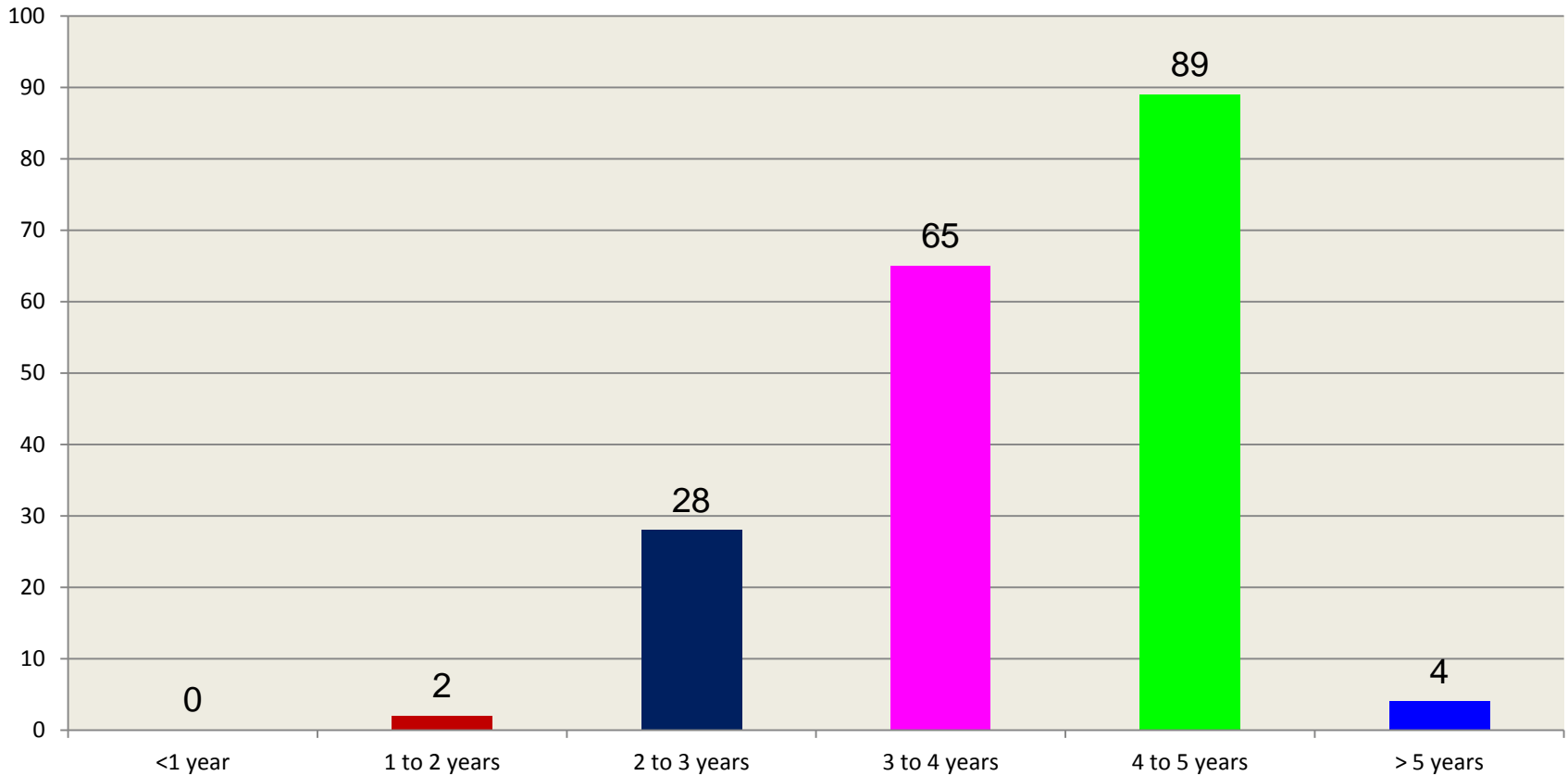
Applicants by Ethnicity



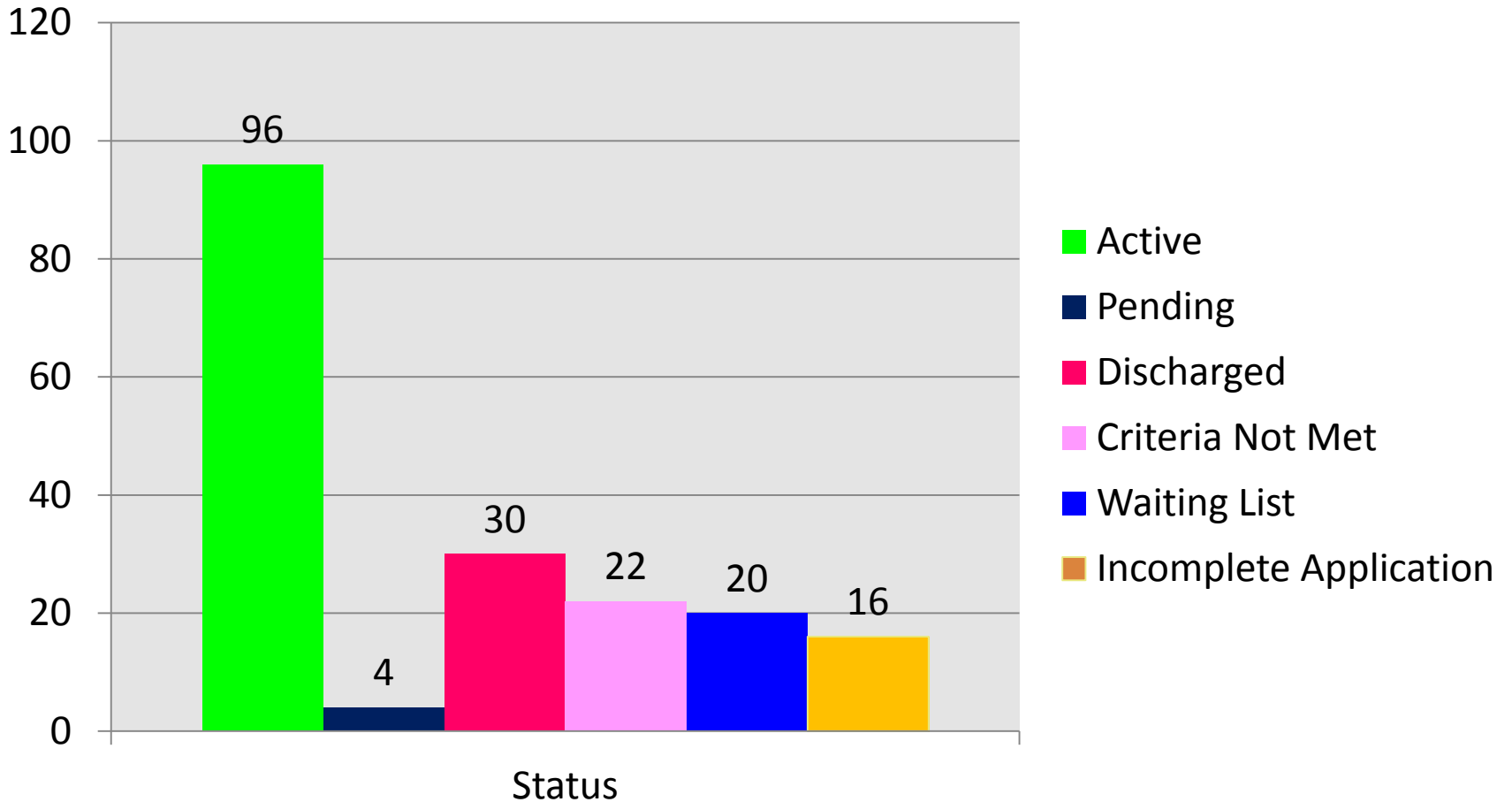
# Total Applicants by Age at Application

## 08/31/2014

Applicants by Age at Application



# Status of Applicants as of 08/31/14



# Criteria Not Met

- Age (10)
  - 4 aged out while on the waiting list
  - 2 aged out with application still incomplete
  - 4 were > 5 years of age at the time of application
- Diagnosis (4)
- LOC (2)
- Moved (1)
- Parent Withdrew Application prior to approval (5)

# Discharge Reasons

- Compliance Issues with minimum required hours (7)
- Moved out of service area (3)
- No longer met LOC criteria after 1 year of AAP services (3)
- Parents withdrew (17)
  - Parents who changed their mind before receiving services
  - Parents who wanted less than 20 hours per week of Line Therapy
  - Parents who withdrew for personal reasons including new job, change in work hours, pregnancy, personal illness, family issues
  - Parents who chose to pursue other treatment options



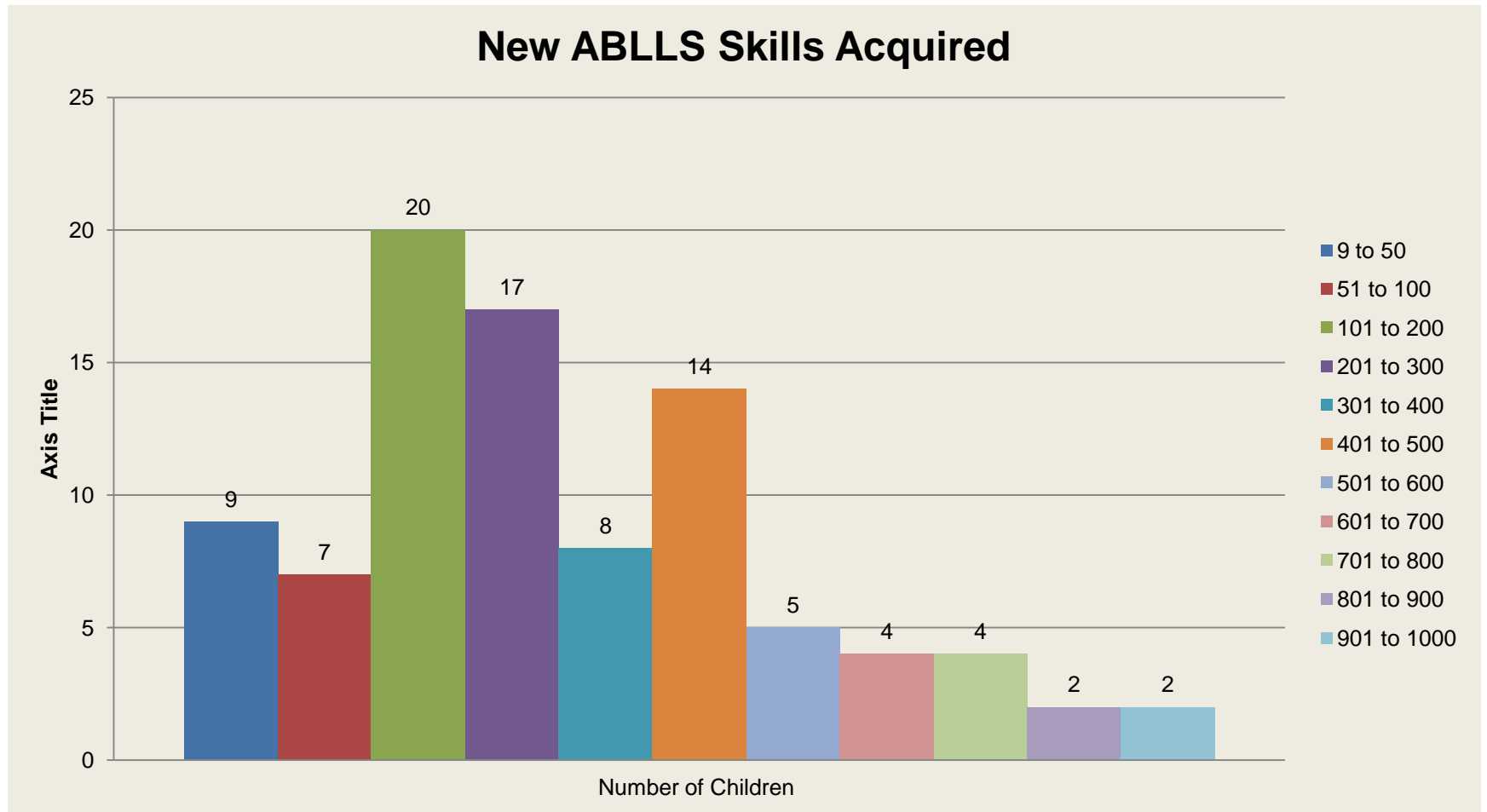
# Outcomes

- All children have progressed as measured by the ABLLS-R (Assessment of Basic Language and Learning Skills)
- Highest # of skills acquired: 983 (12 months)
- Lowest: 9 (just started)

# ABLLS-R

- **Basic Learner Skills**
  - Cooperation/Reinforcer Effectiveness
  - Visual Performance
  - Receptive Language
  - Imitation
  - Vocal Imitation
  - Requests
  - Labeling
  - Intraverbals
  - Spontaneous Vocalizations
  - Syntax and Grammar
  - Play and Leisure
  - Social Interaction
- **Academic Skills**
- **Self-Help Skills**
- **Motor Skills**

# ABLBS Outcomes



# Child #1

- Came into the program just after he turned 3
- Lives in NW ARkansas
- Dad is stay at home Dad so he could get maximum services
- **Started:** Non-verbal, limited eye contact, only drank liquids from a Sippy cup, not potty trained
- Been in the program for 22 months
- **Now: 749 new skills** acquired on the ABLLS
- He is very verbal, makes great social eye contact, initiates interaction, is eating 3 meals a day, almost completely potty trained, about to start in a preschool setting to give more social opportunities before kindergarten
- Cost: Averaged \$1920/month; \$23,045/year

Date Completed:

12/17/2012

Completed By:

Parnell, Ashley - Consultant

A. Cooperation & Reinforcer Effectiveness

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B. Visual Performance

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C. Receptive Language

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D. Imitation

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E. Vocal Imitation

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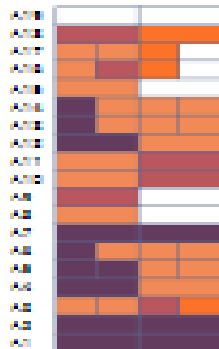
Date Completed:

05/30/2014

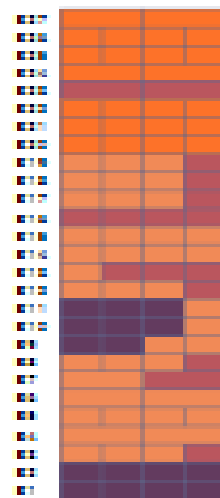
Completed By:

Parnell, Ashley - Consultant

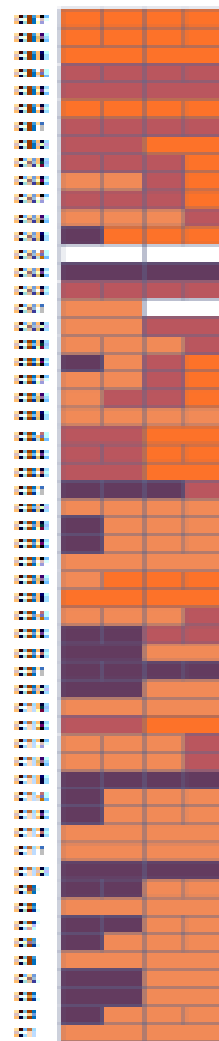
A. Cooperation & Reinforcer Effectiveness



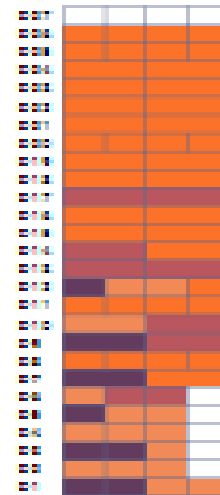
B. Visual Performance



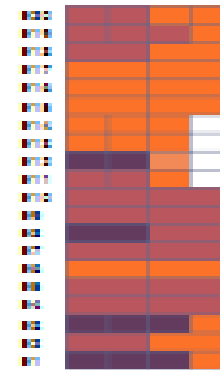
C. Receptive Language



D. Imitation



E. Vocal Imitation



### F. Requests

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### G. Labeling

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### H. Intravocals

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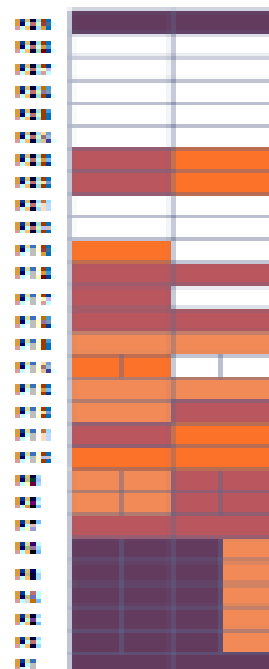
### I. Spontaneous Vocalizations

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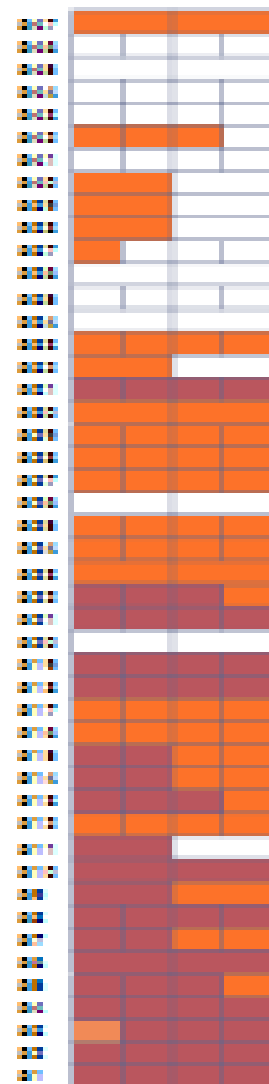
### J. Syntax and Grammar

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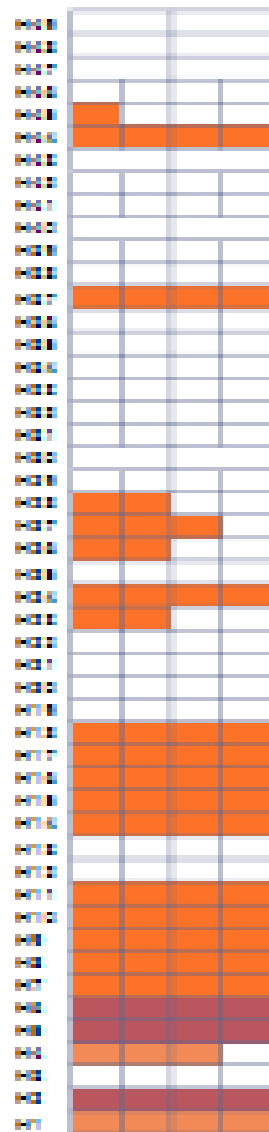
### F. Requests



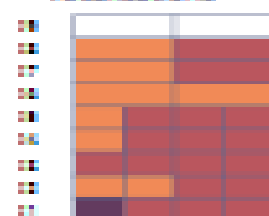
### G. Labeling



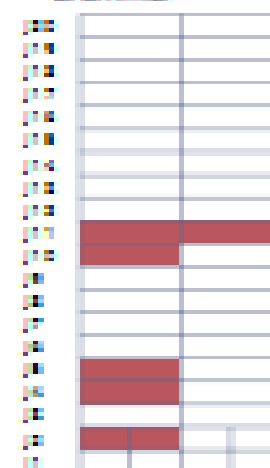
### H. Intraverbals



### I. Spontaneous Vocalizations



### J. Syntax and Grammar





# Child #2

- Came into the program just before he turned 5
- Lives in Marianna
- **Started:** Not very verbal; hard to understand what he did say; some eye contact; difficulty staying on task; couldn't write without hand-over-hand prompting
- Will receive a total of 1 year and 10 months of services, turns 7 in December
- **Now: 657 new skills** acquired on the ABLLS
- He started kindergarten last year 4 days a week for half days. He had parts to recite in the kindergarten graduation ceremony and recited them "perfectly". "He sat beside his peers the entire time and acted like any other kindergartener. He would get antsy at times, he would lean over and talk to his peer sitting beside him, or he would get excited when it was time to sing the song he liked best"
- He is attending regular kindergarten and doing "wonderfully" with no pull-out special ed, except 30 minutes/wk of SLP. On the 3<sup>rd</sup> Monday after school started, he wrote his full name with no prompts. Took a common core math test this week totally independently, no prompts, no reminders to focus, wrote everything himself, made 100%
- Cost: Averaged \$560/month; \$6,719.45/year

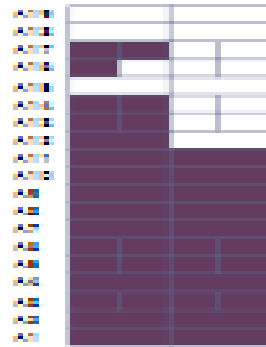
Date Completed:

02/09/2013

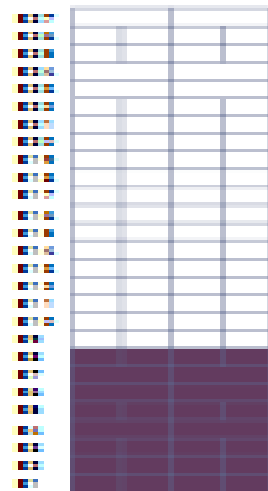
Completed By:

Hennessey, Jennifer - Consultant

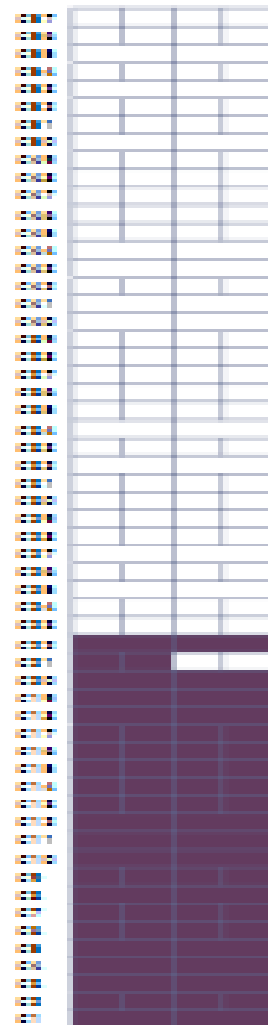
A. Cooperation & Reinforcer Effectiveness:



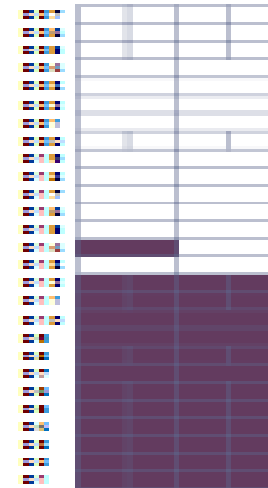
B. Visual Performance:



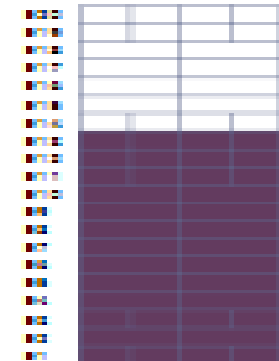
C. Receptive Language:



D. Imitation:



E. Vocal Imitation:



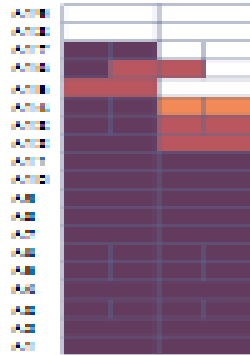
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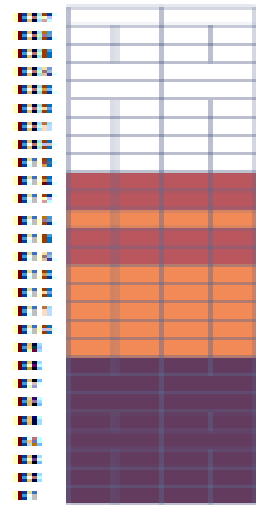
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Hennessey, Jennifer - Consultant

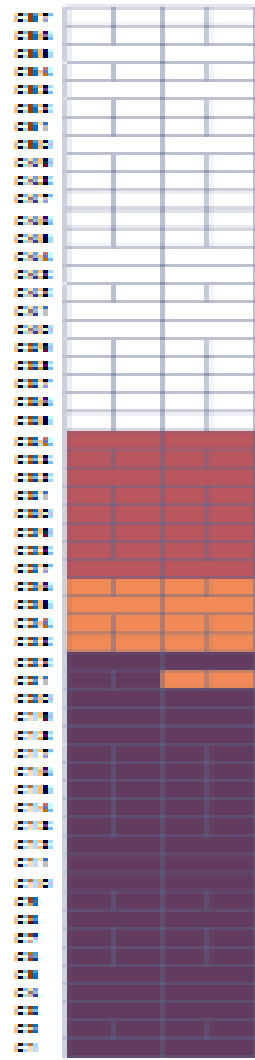
A. Cooperation & Reinforcer Effectiveness



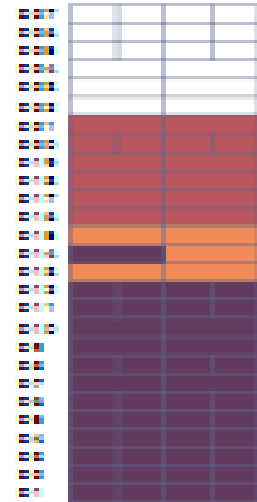
B. Visual Performance



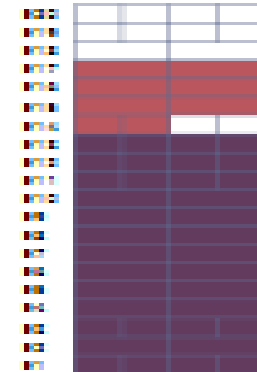
C. Receptive Language



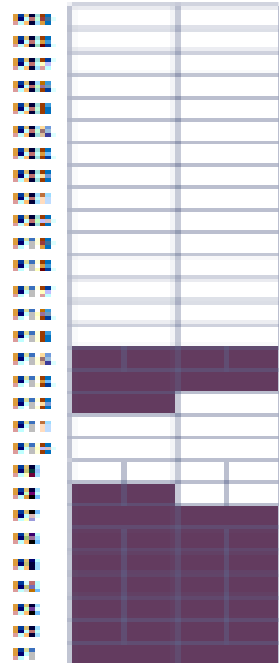
D. Imitation



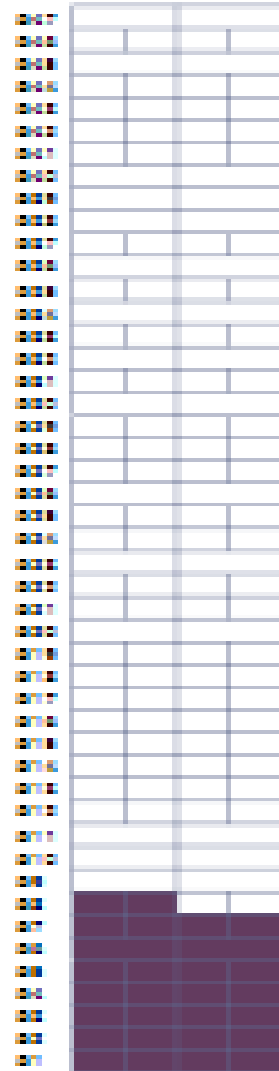
E. Vocal Imitation



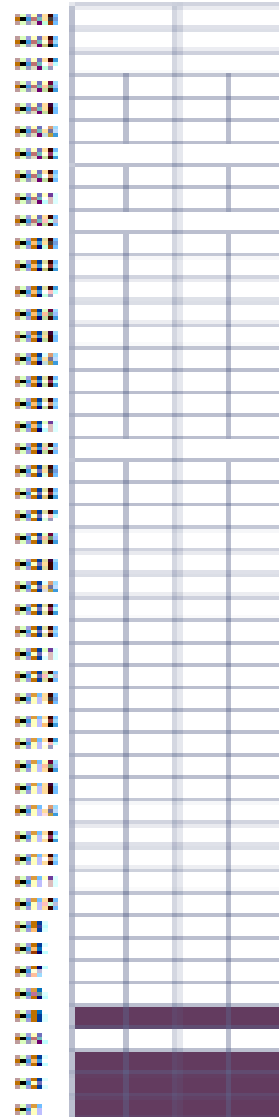
### F. Requests



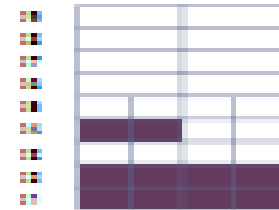
### G. Labeling



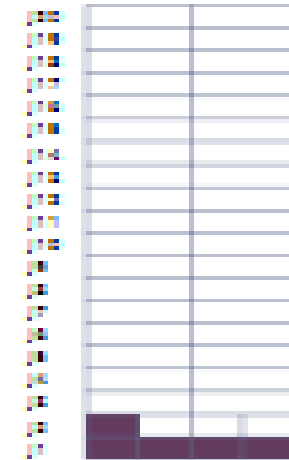
### H. Intravocals



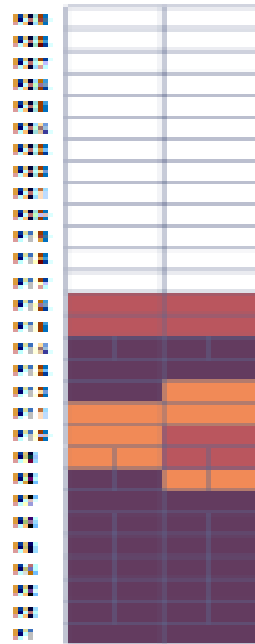
### I. Spontaneous Vocalizations



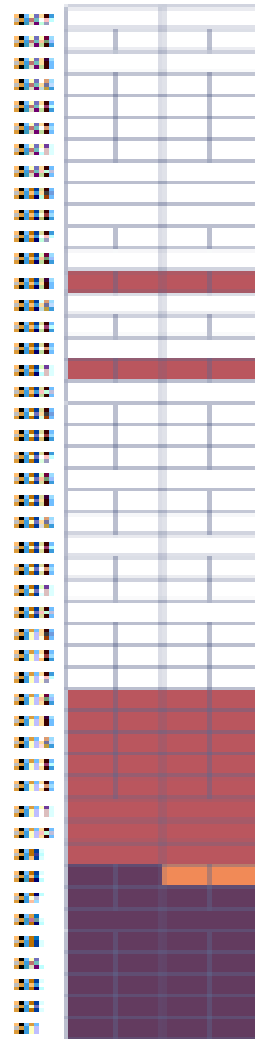
### J. Syntax and Grammar



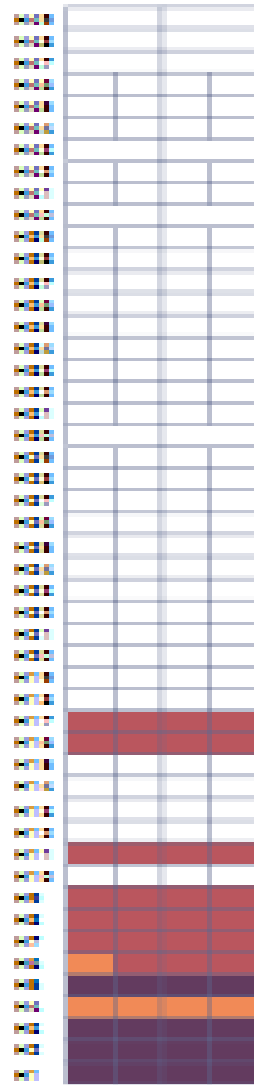
### F. Requests



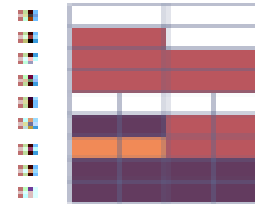
### G. Labeling



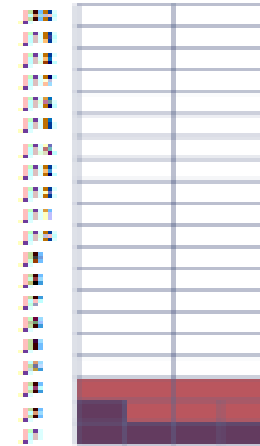
### H. Intravocals



### I. Spontaneous Vocalizations



### J. Syntax and Grammar



# Parental Satisfaction

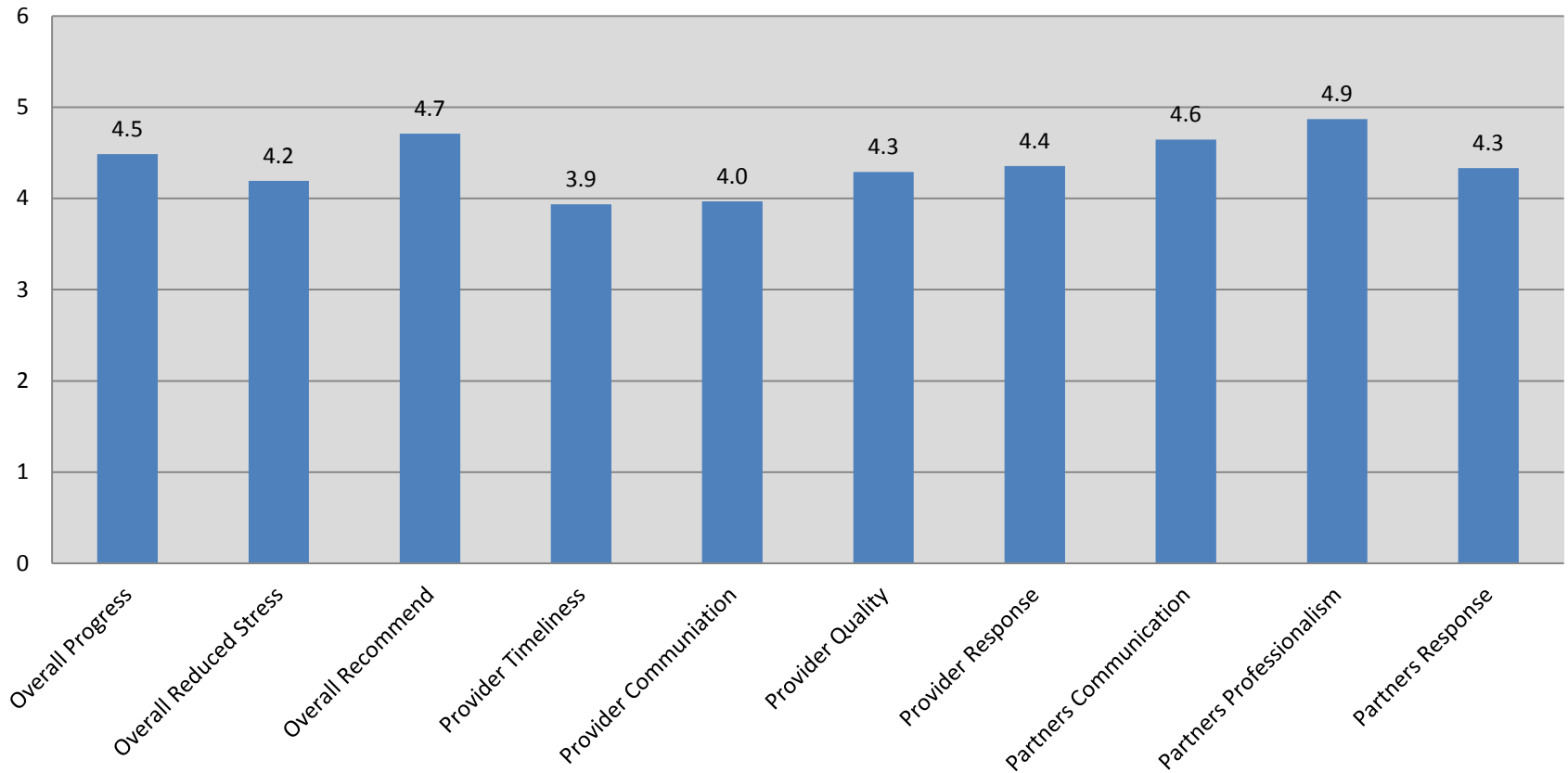
- Surveys provided at yearly home visit for reassessment
- Of 76 provided, 31 were returned- 41% response rate
- 1 to 5 scale with 5 being the best and 1 being the worst
- Questions addressed 3 categories:
  - Program
  - Provider agency
  - Partners

# Parent Satisfaction Survey

Frequency of Responses to Survey Items	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
The program has contributed to my child's progress.	20	8	2	0	1
The program has contributed to reducing stress for my family.	16	8	5	1	1
I would recommend the program to other parents of children with autism.	25	4	1	1	0
The agency (provider) started services in a timely manner.	13	10	3	3	2
The agency (provider) communicates appropriately in a clear and concise manner.	12	10	6	2	1
The agency (provider) provides quality services appropriate to the needs of my child.	18	7	4	1	1
The agency (provider) has been responsive to issues / concerns I have raised.	17	10	3	0	1
Partners' staff explained the program to me in a clear, understandable way.	22	7	2	0	0
Partners' staff interacted with me in an appropriate, professional manner.	27	4	0	0	0
Partners' staff has responded to issues that I have raised to their attention.	19	9	1	0	1

# Parent Satisfaction Survey

## Parent Satisfaction Survey Results





# Overall Cost

- Highest monthly cost \$2,128 (\$25,536/yr)
- Average monthly cost \$809 (\$9,708/yr)
- Total Expenditure: \$1,394,023.15  
11/9/2012 to 10/8/2014 (23 mo)

# Stumbling Blocks

- New program “bugs”
  - Misinformation
  - Billing glitches
- Available workforce
  - Rural areas VERY difficult to staff
  - Fidelity in implementation of evidence-based interventions
- Early identification/diagnosis
- Program differences: home-based; parental participation

# Future

- Pilot expires 10/1/2015
- Working on desired changes for resubmission to CMS
- Need to expand # of slots to respond to waiting list to improve likelihood of approval
- Older children need something too!

