Acronyms

ANA        Annual National Assessment
ANC        Antenatal care
ART        Antiretroviral Therapy
CSG        Child Support Grant
DSD        Department of Social Development
EC         Eastern Cape
ECD        Early Childhood Development
FASD       Foetal Alcohol Spectrum Disorder
FS         Free State
GHS        General Household Survey
GT         Gauteng
HAART       Highly Active Antiretroviral Therapy
HIV        Human Immunodeficiency Virus
HSRC       Human Sciences Research Council
KZN        KwaZulu-Natal
LP         Limpopo
MEC        Member of the Executive Council
MP         Mpumalanga
MTCT       Mother to Child Transmission (of HIV)
MTSF       Medium Term Strategic Framework
NC         Northern Cape
NIDS       National Income Dynamics Study
NW         North West
PCR        Polymerase Chain Reaction
PMTCT      Prevention of Mother to Child Transmission (of HIV)
PSLSD      Project for Statistics on Living Standards and Development
RSA        Republic of South Africa
SA         South Africa
SALDRU     South African Labour and Development Research Unit
SANHANES   South African National Health and Nutrition Survey
SASSA      South African Social Security Agency
UNICEF     United Nations Children’s Fund
VIP        Ventilated improved pit-latrine
WC         Western Cape
WHO        World Health Organisation

The science is conclusive: investments in early childhood development yield lifetime development returns for the child, his or her family and society.

Acknowledgements

- The South African Early Childhood Review 2016 was developed by Ilifa Labantwana, the Children’s Institute at the University of Cape Town (UCT) and the Department for Planning, Monitoring and Evaluation (DPME) in the Presidency.
- The editors would like to thank all those who contributed to this publication: Katharine Hall, Winnie Sambu and Lizette Berry from the Children’s Institute; and Colin Almeleh, Sorga Giese, Solange Rosa and Svetlana Doneva at Ilifa Labantwana.
- Zanele Twala, Director: Sector Expert Early Childhood Development in the Department of Planning, Monitoring and Evaluation in the Presidency for her support, input and guidance on the development of the 2016 Review and for the Foreword.
- Andy Dawes, Bronwyn Evans, Carol-Ann Foulis, David Harrison, Justine Jewell, Paula Proudlock, Shanaaz Mathews, Sally Field, Sherri Le Mottee, Simone Hohniman for their time, expertise and contributions.
- Fiona Butt for her editorial guidance and proof reading.
- Jo Monson for original material development.
- The DG Murray Trust, ELMA Foundation, UBS Optimus Foundation, and FirstRand Foundation for their support of Ilifa Labantwana as donors.
- GAPdesign for layout and design.
- Deborah Da Silva, Max Bastard (African Eyes Photography) for SmartStart and Josh Reid for the photographs used in this publication.
- Cover Photograph: Josh Reid, KZN Media (2015)
- Copyright: 2016 Children’s Institute, University of Cape Town and Ilifa Labantwana. Any errors are the responsibility of the authors.

Foreword

Investment in ECD is critical to ensure better performance in formal schooling which will result in improved levels of employment.

Investment in early childhood development (ECD) has been documented to be one of the most effective, long-term strategies for poverty eradication. Children learn the skills that will help them flourish early in life, when the brain has the maximum capacity to develop. In South Africa’s government policies, ECD is a national priority programme included to support the principle of investment in young children.

The National Development Plan (NDP) focuses on the capabilities of the people and of the country, and emphasises that action should be taken to improve ECD services. Investment in ECD is critical to ensure better performance in formal schooling which will result in improved levels of employment. Thus, the NDP recognises quality early childhood development as one of the measures to reduce the acute impacts of poverty.

Policy developments in the last two years provide clear direction for the scaling up of ECD provision. Government has committed to making ECD a public good and accelerating access to essential components of a comprehensive package of services from conception to formal schooling age.¹

This gives impetus to ECD provisions in the NDP and the Integrated ECD Programme of Action for Moving Ahead (2013-2018) and the ECD Policy and Programme approved by Cabinet in December 2015. Key to implementation on a population based scale will be proper and effective monitoring and evaluation systems; as well as frameworks to track progress against objectives and goals, especially with regard to improving levels of access to and the quality of ECD services for infants and young children. This is an essential part of service delivery in the implementation of the National ECD policy.

The publication of this Early Childhood Review comes at a very auspicious time. It follows the release of Development Indicators 2014 by the Department of Planning, Monitoring and Evaluation which reflected good performance in some of the indicators of ECD services featured in this review. This publication provides more details on the indicators, making it an important product for planning. This review presents a set of indicators to support inter-sectoral planning delivery and monitoring of the essential components of the proposed comprehensive package of ECD services from conception to the age of 6. The data provided in this review is drawn from a range of sources, many of which can be updated annually. The review also highlights a number of data gaps, which are critical in tracking progress in the future and therefore requires the development of a systematic approach to collecting information and acquiring data particularly at a local level.

I would like to thank the authors at the Children’s Institute, University of Cape Town and Ilifa Labantwana, for initiating such a useful review. In working together, I believe we will ensure that South Africa’s children enjoy a better future as articulated in our Vision 2030 the National Development Plan.

Zanele Twala
Director: Sector Expert Early Childhood Development
Department of Planning, Monitoring and Evaluation

¹Budget Vote Statement by the Minister of Social Development, Ms Bathabile Dulamani, MP to the National Assembly, Cape Town 30 July 2014.
Introduction

Early Childhood Development (ECD) services are needed to support the overall development of children. With commitment from government sectors to work together, a comprehensive package of ECD services with essential components can be delivered to all South Africa’s young children. This review presents a set of indicators to support inter-sectoral planning, delivery and monitoring of an essential package of ECD services, from conception to the age of 6.

Since 2013, the South African government has led the development of the country’s first national policy aimed at providing a multi-sectoral enabling framework for ECD services. The new policy, called the National Integrated Early Childhood Development Policy was approved by Cabinet in December 2015. The policy gives effect to the provision of a comprehensive package of ECD services for young children, and prioritises the delivery of essential components of the package of ECD services. The essential package consists of services that are a necessary pre-condition for the realisation of young children’s Constitutional rights, and which should be realised with immediate effect. These services should be provided within the context of a broader set of provisions, necessary to ensure an environment conducive to young children’s development. Such services are included in the comprehensive package. The policy covers the period from conception until the year before children commence with formal education, or in the case of children with disabilities, until they turn 7. The policy calls for a co-ordinated approach and promotes the delivery of services across government departments, to ensure comprehensive, integrated ECD services.

Figure 1 shows examples of types of essential components of the comprehensive package of services needed at different ages. The list is not complete but simply illustrates a range of services that comprise health, education and welfare. Each is discussed in more detail here.

The South African government has an obligation to provide ECD services. All children have rights to survival, health, protection and development. These rights are protected in the highest law of our land, the Constitution, and also in international law. To make these rights real, the Children’s Act 38 of 2015, as amended, says a comprehensive national strategy must be developed to enable a properly resourced, coordinated and managed ECD system. Provincial MECs for Social Development are tasked with developing a provincial strategy. The Act says that planning for ECD services must be led by the Department of Social Development in collaboration with the Departments of Basic Education and Health; provincial and local government, and the finance and transport sectors.

ECD services are urgent. More than a million children are born every year. They cannot wait for government to realise comprehensive ECD services progressively. Early childhood, especially the first 1000 days from conception to two years, is a particularly sensitive and rapid period of development. Laying the foundation for all future health, behaviour and learning. When children do not receive the necessary input and support to promote their development during this critical period, it is very difficult and costly to help them catch up later.

While a comprehensive package will be ideal in the long run, the immediate priority is to deliver a package of essential components of the ECD services for all young children. The new policy intends to make such a package universally available, thereby enabling the realisation of the most basic of children’s rights, and giving every generation of children a good start in life.

Delivering the essential components of the comprehensive package of ECD services requires collaboration. The essential components of the comprehensive package covers the period from conception until children turn 6 years. Some services are targeted at children of a particular age or development stage, some at children who have particular risk profiles, while others are necessary for all children. Because young children have a broad range of needs that are interdependent, multiple role-players should be involved in service delivery, and it is important to have good collaboration and referrals between health, education and social services.

The essential components of the comprehensive package are:
**Children under 6 years in South Africa**

The essential components of the comprehensive package of ECD services needs to reach all children under 6 years. There are still vast inequalities in children’s circumstances and opportunities from the time they are born. Nearly two-thirds of children under 6 in South Africa live in the poorest 40% of households, where unemployment rates are high and living conditions are poor.

Over half of South Africa’s young children live in just three provinces: KwaZulu-Natal, Gauteng and the Eastern Cape. Slightly more than half of all young children now live in urban areas, but there are still some provinces, such as the Eastern Cape, Limpopo, KwaZulu-Natal and Mpumalanga, where more than 60% of children under the age of 6 live in rural areas.

While the population of young children has not changed substantially over the last decade, the proportion of young children living in urban areas has increased from 44% to 57%. The Free State province saw the biggest increase in the proportion of young children living in urban areas: from 52% in 2002 to 83% in 2014. Numerically, the biggest increase was in Gauteng, where the number of young children living in urban areas increased by 220,000.

Poor households have a disproportionately large burden of care for young children. This includes situations where grandparents and other family members care for the children of parents who must migrate to find work. Four million children under 6 live in the poorest 40% of households. This is a relative poverty line, and there has been no significant change in the number of young children living in the poorest 40% of households since 2003.

Statistics South Africa has proposed three national poverty lines: an upper-bound poverty line, a lower-bound line and a food poverty line. The food poverty line is the most severe, as people living below this level of income are unable even to afford sufficient food to provide adequate nutrition. The lower poverty line is based on there being enough income for people to be adequately nourished but only if they sacrifice other essential items. The upper poverty line is the minimum required for people to afford both the minimum adequate food and basic non-food items and should arguably be used as the line of preference for reducing child poverty.

The poverty lines were set in 2012, and increase each year in line with inflation. In 2014, the value of the food poverty line was R93 per person per month, while the lower line was R594 per month and the upper poverty line was R2,23 per month. Across all poverty lines, child poverty rates are considerably higher than adult poverty rates and the overall poverty rate.

The challenge of poverty reduction is thus even more pressing in the case of children, yet there is currently no target for the reduction of child poverty in South Africa.

The child poverty rates in Figure 3 below are based on the upper poverty line (which allows for a minimum acceptable standard of living) and on the food poverty line (which is so punitive that no child should be below it). The majority of young children (65%) live in households that fall below the upper poverty line. The highest rates of child poverty are in the Eastern Cape, KwaZulu-Natal and Limpopo provinces, where 79%, 75% and 74% of young children, respectively, live in poor households.

The number and percentage of young children living in poverty has decreased since 2003 when 4.9 million (79%) young children lived in poor households. This is due in large part to the introduction of social grants.

---

Almost a third of young children fall below the food poverty line. This is very serious, as children living in such poverty are likely to be food insecure and may become malnourished. In the Eastern Cape, almost half of young children are below the food poverty line.

Many children under the age of 6 live in households where nobody is employed or engaged in income-generating activities. Employment is important as a source of regular income, and may come with other benefits, such as health insurance, unemployment insurance and maternity leave. Regular income and other employment benefits contribute to a child’s health, development and education. While the proportion of children living in households where there is unemployment reduced from 38% in 2003 to 28% in 2014, there are still more than 1.7 million young children living in households where nobody is working.

In the future, most children will live in urban areas, but there will also be a significant number in rural areas. Plans for ECD infrastructure and services will have to differentiate between the needs of urban and rural areas. ECD services should be flexible and responsive to the needs of children, families and communities, wherever they are. Some services need to be targeted directly at children, while others provide support to their primary caregivers.

Young children are especially vulnerable to poor living conditions, as they are still growing, have increased nutritional needs and have a greater risk of infection. Adequate water infrastructure is important because children are vulnerable to water-borne diseases and can also be exposed to risks when fetching water. About a third of children under 6 live in households without access to piped water on site. In the Eastern Cape, close to two-thirds do not have access to adequate water. Despite huge progress in providing sanitation, South Africa still has more than 1.6 million children under the age of 6 who do not live in a household with a toilet or ventilated improved pit-latrine (VPI) on the site where they live. Poor living conditions affect hygiene, health and food preparation in households, and can lead to the spread of diarrhoeal diseases and other infections, such as pneumonia. These diseases are among the main causes of child deaths.

### Table 1: The Status of Children under 6 Living in South Africa, by Province

<table>
<thead>
<tr>
<th>Indicator</th>
<th>SA</th>
<th>EC</th>
<th>FS</th>
<th>GT</th>
<th>KZN</th>
<th>LP</th>
<th>MP</th>
<th>NW</th>
<th>NC</th>
<th>WC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of children under 6</td>
<td>631 000</td>
<td>881 000</td>
<td>297 000</td>
<td>1 245 000</td>
<td>1 321 000</td>
<td>784 000</td>
<td>529 000</td>
<td>445 000</td>
<td>141 000</td>
<td>668 000</td>
</tr>
<tr>
<td>Households with child under 6</td>
<td>4 870 000</td>
<td>581 000</td>
<td>284 000</td>
<td>1 277 000</td>
<td>842 000</td>
<td>581 000</td>
<td>405 000</td>
<td>352 000</td>
<td>97 000</td>
<td>453 000</td>
</tr>
<tr>
<td>Urban children &lt; 6 in urban areas (formal/ informal)</td>
<td>3 552 000</td>
<td>347 000</td>
<td>245 000</td>
<td>1 225 000</td>
<td>523 000</td>
<td>108 000</td>
<td>203 000</td>
<td>184 000</td>
<td>109 000</td>
<td>648 000</td>
</tr>
<tr>
<td>Rural traditional Children &lt; 6 in rural former homeland areas</td>
<td>2 502 000</td>
<td>523 000</td>
<td>31 000</td>
<td>14 000</td>
<td>747 000</td>
<td>655 000</td>
<td>278 000</td>
<td>230 000</td>
<td>24 000</td>
<td>1 711 000</td>
</tr>
<tr>
<td>Rural farms Children &lt; 6 in commercial farming areas (old RSA)</td>
<td>2 177 000</td>
<td>11 000</td>
<td>20 000</td>
<td>7 000</td>
<td>50 000</td>
<td>21 000</td>
<td>80 000</td>
<td>30 000</td>
<td>8 000</td>
<td>20 000</td>
</tr>
<tr>
<td>Inadequate water Children &lt; 6 without piped water on site</td>
<td>1 946 000</td>
<td>559 000</td>
<td>21 000</td>
<td>96 000</td>
<td>533 000</td>
<td>334 000</td>
<td>155 000</td>
<td>161 000</td>
<td>30 000</td>
<td>55 000</td>
</tr>
<tr>
<td>Poor sanitation Children &lt; 6 without a toilet or VPI on site</td>
<td>1 651 000</td>
<td>225 000</td>
<td>54 000</td>
<td>107 000</td>
<td>420 000</td>
<td>368 000</td>
<td>221 000</td>
<td>165 000</td>
<td>27 000</td>
<td>65 000</td>
</tr>
<tr>
<td>Child poverty Children &lt; 6 living in poor households (&lt; R397 in 2014)</td>
<td>3 969 000</td>
<td>691 000</td>
<td>196 000</td>
<td>483 000</td>
<td>992 000</td>
<td>583 000</td>
<td>341 000</td>
<td>314 000</td>
<td>89 000</td>
<td>80 000</td>
</tr>
<tr>
<td>Food poverty Children &lt; 6 living in food poor households (&lt; R397 in 2014)</td>
<td>1 926 000</td>
<td>401 000</td>
<td>92 000</td>
<td>168 000</td>
<td>492 000</td>
<td>329 000</td>
<td>176 000</td>
<td>147 000</td>
<td>44 000</td>
<td>77 000</td>
</tr>
<tr>
<td>Workless households Children &lt; 6 in households with no employed adults</td>
<td>1 743 000</td>
<td>383 000</td>
<td>89 000</td>
<td>128 000</td>
<td>461 000</td>
<td>308 000</td>
<td>136 000</td>
<td>132 000</td>
<td>44 000</td>
<td>62 000</td>
</tr>
</tbody>
</table>


Access to adequate water and sanitation has improved over the years. Between 2002 and 2014, the number of young children living in households with poor sanitation was halved: 26% of young children lived in households with poor sanitation in 2002, compared to 13% in 2002. The biggest improvement has been in the Eastern Cape, where the proportion of young children living in households with poor sanitation reduced from 81% in 2002 to 20% in 2014.
Across the country, more than a million children are born each year. Early antenatal care is an important gateway to primary health and nutrition services, for both mothers and children.

There has been a steady increase in early antenatal bookings (before 20 weeks in pregnancy), as shown in Figure 5. But 40% of first antenatal visits still take place later than 20 weeks into pregnancy. Antenatal visits during early pregnancy are a useful opportunity for physical and mental health screening. Maternal mental health is important in itself, and also important for child outcomes. Both immunisation and HIV testing and treatment adherence are affected by the mental health of the caregiver.

With HIV prevalence rates as high as 30% among pregnant women, pregnancy is a critical time for diagnosis, treatment and prevention of HIV transmission to children. The vast majority of infants who are HIV exposed now receive a PCR test within the first six weeks of their life. Results from a 2012/2013 survey that covered infants (4-8 weeks old) attending public health care clinics and community health centres for their 6-week immunisation, showed that the risk of Mother to Child Transmission (MTCT) of HIV was 2.6% nationally, for infants less than 8 weeks of age.

There has been a steady increase in early antenatal bookings but 40% of first antenatal visits still take place later than 20 weeks into pregnancy.

![Figure 5: Percentage of LST Antenatal Visits Within First 20 Weeks of Pregnancy](source: DFG 2010-2014)

The inpatient early neonatal mortality rate indicates the quality of antenatal, intrapartum and postnatal care. Neonatal mortality rates in facilities have not changed substantially in the past 10 years, and are a key contributor to South Africa’s high infant mortality rate, which was estimated to be 28 infant deaths per 1000 live births in 2014. The under-5 mortality rate is 39 per 1000. There was a marked decline in infant and under-5 mortality rates between 2008 and 2011, driven mainly by a reduction in HIV-related deaths. The reduction became more gradual after 2011. These rates are robust estimates which adjust for bias, as the vital registration is incomplete.

Immunisation coverage is an indicator of how well the health system is functioning. The proportion of children who are completely immunised by their first birthday has increased from under 70% in 2002 to 90% in 2014. It is a great achievement that the vast majority of babies are returning to clinics in their first year or are reached by mobile services, given that many children (12%) of those under 6 years live far from their nearest facility.

Some districts have immunisation and HIV testing rates over 100%. This is partly because children may be immunised in areas that are different from where they are counted in the population or because they are tested more than once. It has also been suggested that immunisation rates are over-estimated in the District Health Information System, where the rates tend to be higher than those recorded in comparable surveys.

There has been an increase in the proportion of deliveries conducted in health facilities and supervised by health personnel. Nationally, the delivery rate, which is the percentage of deliveries carried out by health personnel in health facilities, increased from 66% in 2010 to 86% in 2014. This does not include deliveries in private hospitals. Data on deliveries in private institutions are not publicly available, making it difficult to construct a delivery rate that represents both public and private health institutions.

The highest facility delivery rates are in Gauteng and Limpopo provinces (97% and 93% respectively). The lowest rates are in the North West and Eastern Cape (73% and 77% respectively). KwaZulu-Natal has

![Figure 6: Trends in Public Facility Delivery Rates, Early HIV Testing and Immunisation](source: DHIS 2000-2014)
the largest population of infants in the country, but a facility delivery rate of 82%, which is below the national average.

Over a fifth of young children (1.3 million) live in households with poor access to clinics. The number is highest in the Eastern Cape, where 37% of young children live more than 30 minutes away from the nearest health facility.

Young children living in the largely urbanised areas, such as Gauteng and Western Cape provinces, have better access to health facilities. This indicator only measures access (through physical distance). It tells us nothing about the quality of service at health facilities. Quality of service provision is difficult to measure, and is an important data gap.

Every visit by a caregiver to a health facility is an opportunity to improve access to the essential components of the package. With a well-integrated package of services, caregivers who attend clinics could receive information about adequate nutrition and child care, and encouragement to stimulate children.

Caregivers should also be referred to other assistance, like social grants, and to integrated psycho-social support services for mental health. In addition to clinic visits, outreach visits to ECD centres by nurses or community health workers are important. Referrals from home visiting programmes for children aged 0-2 are opportunities for young children to access critical preventative health services.

<table>
<thead>
<tr>
<th>Indicator</th>
<th>SA</th>
<th>EC</th>
<th>FS</th>
<th>GT</th>
<th>KZN</th>
<th>LP</th>
<th>MP</th>
<th>NW</th>
<th>NC</th>
<th>WC</th>
<th>source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of infants Children &lt; 1</td>
<td>1 046 000</td>
<td>137 000</td>
<td>49 000</td>
<td>189 000</td>
<td>213 000</td>
<td>141 000</td>
<td>102 000</td>
<td>73 000</td>
<td>22 000</td>
<td>120 000</td>
<td>a</td>
</tr>
<tr>
<td>Poor access to clinics Children &lt; 6 living more than 30 mins from nearest health facility</td>
<td>1 322 000</td>
<td>124 000</td>
<td>55 000</td>
<td>101 000</td>
<td>337 000</td>
<td>180 000</td>
<td>115 000</td>
<td>120 000</td>
<td>33 000</td>
<td>57 000</td>
<td>a</td>
</tr>
<tr>
<td>HIV prevalence in pregnant women Antenatal clients testing HIV+</td>
<td>30%</td>
<td>31%</td>
<td>30%</td>
<td>29%</td>
<td>40%</td>
<td>20%</td>
<td>38%</td>
<td>28%</td>
<td>18%</td>
<td>19%</td>
<td>b</td>
</tr>
<tr>
<td>Prenatal early booking First visit before 20 weeks, out of all antenatal first visits at public facility</td>
<td>54%</td>
<td>49%</td>
<td>59%</td>
<td>48%</td>
<td>57%</td>
<td>51%</td>
<td>57%</td>
<td>54%</td>
<td>58%</td>
<td>66%</td>
<td>c</td>
</tr>
<tr>
<td>Antenatal HAART Antenatal clients on ART as % of eligible total</td>
<td>93%</td>
<td>92%</td>
<td>89%</td>
<td>87%</td>
<td>95%</td>
<td>93%</td>
<td>93%</td>
<td>90%</td>
<td>90%</td>
<td>90%</td>
<td>83%</td>
</tr>
<tr>
<td>Early infant HIV test Infants born to HIV+ mothers who receive PCR test around 6 weeks</td>
<td>101%</td>
<td>95%</td>
<td>91%</td>
<td>99%</td>
<td>106%</td>
<td>94%</td>
<td>106%</td>
<td>100%</td>
<td>91%</td>
<td>97%</td>
<td>c</td>
</tr>
<tr>
<td>Immunisation Children &lt; 1 who complete the primary immunisation course</td>
<td>90%</td>
<td>81%</td>
<td>90%</td>
<td>108%</td>
<td>90%</td>
<td>82%</td>
<td>80%</td>
<td>82%</td>
<td>85%</td>
<td>91%</td>
<td>c</td>
</tr>
<tr>
<td>Delivery rate in facility Percentage of deliveries occurring in health facilities, under trained personnel</td>
<td>86%</td>
<td>77%</td>
<td>88%</td>
<td>97%</td>
<td>82%</td>
<td>91%</td>
<td>81%</td>
<td>75%</td>
<td>88%</td>
<td>88%</td>
<td>c</td>
</tr>
<tr>
<td>Early neonatal mortality Infant infant deaths within 7 days, per 1 000 live births</td>
<td>10.1</td>
<td>13.3</td>
<td>10.5</td>
<td>9.7</td>
<td>10.3</td>
<td>11.6</td>
<td>7.9</td>
<td>10.8</td>
<td>14.6</td>
<td>5.3</td>
<td>c</td>
</tr>
<tr>
<td>Infant mortality rate Number of deaths under 1 year, per 1 000 live births in same year</td>
<td>29</td>
<td>Mortality rates not currently available at provincial level.</td>
<td>d</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Nationally, the delivery rate, which is the percentage of deliveries carried out by health personnel in health facilities, increased from 66% in 2002 to 86% in 2014.
Lack of proper nutrition can result in poor health and educational outcomes for children, which, in turn, contribute to persistent inequality. To break this cycle, the starting point is maternal nutrition during pregnancy. Interventions to improve maternal and child nutritional outcomes include micronutrient supplementation, immunisation, education about breastfeeding and child nutrition, and income support through social grants. Maternal ill-health may also be affected by poor nutrition and, conversely, if a mother is depressed, she may not be able to adequately address the nutritional needs of herself or her child.

When children are chronically under-nourished they don't grow as expected. This is called “stunting”, a condition where the child is too short for their age. Stunting is the most prominent form of malnutrition in the country, with over a fifth of children under 5 years suffering from it. Usually stunting is associated with long-term poverty and prolonged exposure to infections. While the graphs show that stunting rates have reduced substantially for the poorest 20% of children under 5, much more needs to be done to combat stunting.

Anaemia amongst pregnant women can result in low birth weight and increases the risk of maternal illness and death. The prevalence of anaemia amongst women of reproductive age is 23% nationally and is higher than 30% in some provinces. Anaemia is a major maternal nutritional problem caused by dietary iron deficiency, blood loss from menstruation and chronic infections. Information on anaemia is lacking from some provinces, as the survey sample is too small to draw reliable estimates.

Infants with low birth weight are at risk of various health conditions that include poor physical growth. Nationally, 13% of infants born in public facilities had low birth weight in 2014. The proportion of infants born with low birth weight has remained fairly consistent since 2005.

The World Health Organisation (WHO) recommends exclusive breastfeeding for 6 months after a child is born. A 2002-13 survey of public health facilities that covered infants aged 4-8 weeks (irrespective of HIV status) found that 98% of all infants were exclusively breastfed, while 11% did not receive any breast milk at all. Exclusive breastfeeding rates for HIV-exposed infants were slightly lower than the overall figure, at 54%. Mixed feeding practices were reported for 20% of HIV-exposed infants, placing them at risk of HIV transmission.

Child hunger is a proxy for food insecurity and has decreased over time. While child hunger is based on subjective reporting, it allows for comparisons across provinces and over time. Between 2002 and 2014, reported child hunger reduced from 25% to 13%. The Eastern Cape, Limpopo and Mpumalanga provinces saw the biggest improvements over the 12-year period, with child hunger rates reducing by over 20 percentage points in all three provinces. The biggest change was in the Eastern Cape, where child hunger rates reduced from 48% in 2002 to 13% in 2014. It is important to note that data on child hunger do not necessarily capture the more critical aspects of nutrition, which include dietary diversity. Children can be well fed and not hungry but can be under-nourished. And under-nourishment can lead to both stunting and wasting on the one hand, and obesity on the other hand (an increasing problem in South Africa). Future surveys should collect data on dietary intake in order to capture important information on both nutrition and hunger.

Children with vitamin A deficiency have increased risk of infection and are more prone to diseases. While vitamin A deficiency has decreased since 2005, over 40% of young children still suffer from lack of vitamin A. Vitamin A supplementation coverage rates have improved: in 2014, just over 50% of children aged 12-59 months received a vitamin A dose at a public facility.

There are no available statistics on the vitamin A supplementation coverage among women of reproductive age. This is despite the fact that a considerable number of women continue to suffer from vitamin A deficiency. Statistics from a national survey show that 13% of women of reproductive age (16-35 years) suffered from vitamin A deficiency in 2012. Some provincial samples were too small to provide reliable estimates. The proportion of children under 5 years who are anaemic is estimated at 11%. Some of the causes of anaemia include micronutrient deficiencies (such as Vitamin A) and iron deficiency, which affects 8% of children under the age of 5 years. Causes of iron deficiency include lack of sufficient iron intake and blood loss due to worm infestations. Approximately 2% of children under 5 years have iron deficiency anaemia, which occurs when both iron deficiency and anaemia are present. Iron deficiency anaemia can increase children’s susceptibility to infections and affect their cognitive development, which, in turn, affects their performance in school.

Stunting is the most prominent form of malnutrition in the country, with over a fifth of children under 5 years suffering from it.
Some of the indicators, such as stunting rates amongst children in poor households, have been derived from relatively old data, while others, such as the quality of diet, have not been included at all, due to lack of data. Food and nutrition surveys are not carried out regularly, making it difficult to have a comprehensive up-to-date picture of the situation of child nutrition. The South African National Health and Nutrition Survey (SANHANES) was conducted in 2012 and was expected to be a longitudinal survey. It has more in-depth data on health and nutrition, which could be used to update the statistics of some of the indicators contained in this brief. The data have not yet been made publicly available, and the survey has not yet been repeated.

### Table 3: Nutrition indicators for pregnant women and children under 6, by province

<table>
<thead>
<tr>
<th>Indicator</th>
<th>SA</th>
<th>EC</th>
<th>FS</th>
<th>GT</th>
<th>KZN</th>
<th>LP</th>
<th>MP</th>
<th>NW</th>
<th>NC</th>
<th>WC</th>
<th>source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td></td>
<td>13%</td>
<td>9%</td>
<td>11%</td>
<td>13%</td>
<td>11%</td>
<td>11%</td>
<td>18%</td>
<td>16%</td>
<td>12%</td>
<td>7%</td>
</tr>
<tr>
<td>Vitamin A deficiency in women (16-35 yrs) below the WHO standard</td>
<td>13%</td>
<td>9%</td>
<td>11%</td>
<td>13%</td>
<td>11%</td>
<td>11%</td>
<td>11%</td>
<td>18%</td>
<td>16%</td>
<td>12%</td>
<td>7%</td>
</tr>
<tr>
<td>Anaemia in women (16-35 yrs) below the WHO standard for iron-deficient</td>
<td>23%</td>
<td>20%</td>
<td>19%</td>
<td>20%</td>
<td>18%</td>
<td>21%</td>
<td>20%</td>
<td>20%</td>
<td>18%</td>
<td>16%</td>
<td>7%</td>
</tr>
<tr>
<td>Low birth weight infants born in public facilities weighing below 2.5 kg</td>
<td>13%</td>
<td>14%</td>
<td>13%</td>
<td>13%</td>
<td>12%</td>
<td>10%</td>
<td>11%</td>
<td>14%</td>
<td>19%</td>
<td>15%</td>
<td>7%</td>
</tr>
<tr>
<td>Child hunger</td>
<td>13%</td>
<td>13%</td>
<td>12%</td>
<td>13%</td>
<td>12%</td>
<td>11%</td>
<td>14%</td>
<td>19%</td>
<td>15%</td>
<td>15%</td>
<td>7%</td>
</tr>
<tr>
<td>Breastfeeding HIV-exposed infants 4-8 weeks exclusively breastfed</td>
<td>54%</td>
<td>47%</td>
<td>59%</td>
<td>58%</td>
<td>54%</td>
<td>53%</td>
<td>52%</td>
<td>62%</td>
<td>70%</td>
<td>42%</td>
<td>42%</td>
</tr>
<tr>
<td>Vitamin A coverage in children 12-23 months</td>
<td>52%</td>
<td>53%</td>
<td>59%</td>
<td>57%</td>
<td>55%</td>
<td>44%</td>
<td>50%</td>
<td>45%</td>
<td>52%</td>
<td>47%</td>
<td>47%</td>
</tr>
<tr>
<td>Vitamin A deficiency in children under 5</td>
<td>44%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sample too small for analysis at provincial level</td>
</tr>
<tr>
<td>Iron deficiency anaemia in children under 5</td>
<td>1.9%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sample too small for analysis at provincial level</td>
</tr>
<tr>
<td>Stunting in children under 5</td>
<td>22%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sample too small for analysis at provincial level</td>
</tr>
<tr>
<td>Wasting in children under 5</td>
<td>2.5%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sample too small for analysis at provincial level</td>
</tr>
<tr>
<td>Underweight in children under 5</td>
<td>5.5%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sample too small for analysis at provincial level</td>
</tr>
</tbody>
</table>

### Figure 8: Reported child hunger rates, 2002 & 2014

- **2002**
  - EC: 19%
  - FS: 19%
  - GT: 19%
  - KZN: 19%
  - LP: 19%
  - MP: 19%
  - NW: 19%
  - NC: 19%
  - WC: 19%

- **2014**
  - EC: 25%
  - FS: 23%
  - GT: 33%
  - KZN: 27%
  - LP: 32%
  - MP: 26%
  - NW: 26%
  - NC: 26%
  - WC: 29%

Source: GHS 2002 & 2004, analysis by Children’s Institute
Support for primary caregivers

Children need caregivers who are responsive and nurturing. Since many caregivers in South Africa face extreme conditions and stressors, caregivers require support, including clear information about parenting, as well as access to psycho-social services and material support, if they need them. Antenatal visits are a good place to start sharing information and supporting mothers.

The new national ECD policy recognises the value of supporting primary caregivers, and views parents and caregivers as central to the promotion of optimal early child development. It identifies parent support as an essential component of a comprehensive package of ECD services, and prioritises the delivery of parenting support services. It also promotes the provision of health services and other forms of support during the antenatal period, and the provision of social protection to caregivers.

Young children benefit from interventions and support services targeting mothers. The vast majority of children under 6 years live with their biological mother, even though many older children in South Africa live separately from their parents (due to death, labour migration and other factors).

Support for mothers begins with antenatal care (ANC). Antenatal visits early in pregnancy are critical, as they can enable the early identification of any problems and suitable interventions and support can be offered at any early stage, preventing complications in late pregnancy. The importance of maternal health care, support and early intervention is evident when we consider our rates of Foetal Alcohol Syndrome, the highest documented rate in the world 45-65 per 1000 children in 2000, and 0.5-7 per 1000 children in 2005. Children born with Foetal Alcohol Spectrum Disorders (FASDs) are likely to demonstrate a variety of concentration and behavioural difficulties. Repeat antenatal visits provide an opportunity to prepare pregnant women for childbirth and parenting, and to support women experiencing particular challenges, such as physical or mental health conditions or domestic violence. Women who attended public antenatal facilities in 2012 visited an average of three to four times during pregnancy. However, only 54% of women who accessed antenatal facilities made their first visit before 20 weeks of pregnancy. This is much lower than the Department of Health’s target of 75% for 2016/2017.

Pregnant women should be encouraged to attend antenatal facilities as early as possible, to gain access to the range of benefits attached to this service, and to visit at least four times during the course of their pregnancy. Non-attendance, late attendance and infrequent attendance at antenatal care are among the top 5 avoidable factors in perinatal deaths and amongst the most common underlying causes of patient related maternal mortality.

The provision of infant feeding education and support to mothers is crucial to the child’s health. Available statistics from a 2012-13 survey on infants aged 4-8 weeks point to improvements in infant feeding education amongst HIV-positive mothers. In the majority of the provinces, more than 90% of HIV-positive mothers surveyed in public health facilities received infant feeding counselling. Given the emphasis on supporting exclusive breast-feeding amongst HIV-positive mothers, it is likely that the proportion of HIV-negative mothers who receive infant feeding counselling will be far lower. This is a data and likely service gap that needs addressing, given that a high percentage of mothers will fall within this category. The postnatal period is an opportunity for care providers to pay attention to the caregiver’s mood and functioning, and to provide support for issues around adjustment to motherhood, breastfeeding and bonding with the infant.

Support for primary caregivers...
A 2011 study in urban informal settlements of Cape Town found that 39% of women were depressed during pregnancy. Another study in the same year that covered a rural area in South Africa found 47% of women were depressed during pregnancy. Both antenatal and postnatal depression and anxiety are huge problems, affecting an estimated one-third of mothers.

have looked at antenatal and postnatal depression, they have been restricted to specific locations. A 2011 study in urban informal settlements of Cape Town found that 39% of women were depressed during pregnancy. Another study in the same year that covered a rural area in South Africa found 47% of women were depressed during pregnancy.

Both antenatal and postnatal depression and anxiety are huge problems, affecting an estimated one-third of mothers. They are often not identified or treated because maternal mental health services are currently not part of the suite offered to mothers in the public health system.

There is little information on the provision of and access to parenting support services. Parent support programmes aim to improve parental knowledge, capacity and practices related to young children’s optimal development. Specialist parental support of vulnerable caregivers is especially valuable, as it addresses mental health concerns, substance abuse and exposure to violence and abuse, among other social problems. Currently, very limited information is available on the provision or uptake of such services.

<table>
<thead>
<tr>
<th>Indicator</th>
<th>SA</th>
<th>EC</th>
<th>FS</th>
<th>GT</th>
<th>KZN</th>
<th>LP</th>
<th>MP</th>
<th>NW</th>
<th>NC</th>
<th>WC</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maternal care</td>
<td>Children ≤ 6 who live with their biological mother</td>
<td>84%</td>
<td>72%</td>
<td>83%</td>
<td>93%</td>
<td>77%</td>
<td>82%</td>
<td>84%</td>
<td>84%</td>
<td>88%</td>
<td>95%</td>
</tr>
<tr>
<td>Breastfeeding education</td>
<td>HIV+ mothers who remember receiving information during antenatal visits</td>
<td>94%</td>
<td>94%</td>
<td>85%</td>
<td>97%</td>
<td>57%</td>
<td>88%</td>
<td>93%</td>
<td>92%</td>
<td>95%</td>
<td>95%</td>
</tr>
<tr>
<td>Antenatal visits</td>
<td>Average number of antenatal visits during pregnancy</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>1</td>
<td>c</td>
</tr>
<tr>
<td>Postnatal follow-up</td>
<td>Women giving birth in public facilities who received follow-up care six days after birth</td>
<td>74%</td>
<td>58%</td>
<td>81%</td>
<td>80%</td>
<td>66%</td>
<td>72%</td>
<td>60%</td>
<td>75%</td>
<td>57%</td>
<td>100%</td>
</tr>
</tbody>
</table>


Social services and income support

Early registration of births is important because a birth certificate is the gateway to other services and benefits, such as the Child Support Grant (CSG). The CSG is the main grant for children and offers income support for children living in poverty.

Social assistance is a way of redistributing resources to the poor through grants. Social grants are widely regarded as the most effective poverty alleviation programme since democracy because of their positive impact and wide reach. Social assistance programmes have expanded from covering just 2.7 million people in 1994 to more than 16 million in 2014. South Africa now spends close to 3.1% of GDP on social grants.

The CSG has had the highest growth of all social grants in South Africa. It was introduced for poor children under 7 years in 1998 and then gradually extended to all children below the age of 18 by 2012. It has expanded from just under 22 000 child beneficiaries in 1998 to nearly 12 million children in 2015. It has been shown to have a substantial developmental impact on children and their families living in poverty. However, more needs to be done to address child poverty.

Figure 10 shows slow uptake of the CSG for infants under 1 year. The CSG is available to all children whose caregivers have a monthly income less than 10 times the amount of the grant (or double that if they are married). In 2015, the monthly amount of the grant was R330 per month per child. For children whose births are registered, the CSG application only takes about three days to process. Eligible caregivers should be able to start receiving child support grants within the first month of a child’s life. This is important because early access to the CSG is associated with improved nutritional, health and education outcomes for children. CSG uptake remains lowest for infants under a year.

Birth registration has increased, but many children’s births are still being registered late. Births are meant to be registered within the first 30 days, but some are not even registered in the first year. Of all the births registered in 2014, 76% were for births in the preceding year, while 24% were for earlier births. The provinces with the largest increases in the birth registration rates between 2001 and 2014 include Eastern Cape (20% in 2001 to 75% in 2014), Limpopo (12% in 2001 to 82% in 2014) and KwaZulu-Natal (25% in 2003 to 76% in 2014). These rates relate to “current” live births, which refer to the births registered in the year in which they occurred.

There is an absence of reliable data on the number of children who need social services, or on the extent of services delivered. Services for young children defined in the Children’s Act include partial care (creches and centres) and ECD programmes; prevention and early intervention services, such as child and family counselling, parenting skills programmes, support for young mothers; protection services for children who have been abused, abandoned or neglected; and provision of alternative care, including foster care, adoption and child and youth care centres.
Data on child abuse, neglect and on the service response to abuse remain very poor. The MTSSF target (outcome 3) in this respect requires review, in that it calls for a 2% reduction per annum in the number of reported crimes against women, children and other vulnerable groups (baseline 2012 was 225 430). Given the current under-reporting, a more appropriate target might be one that encourages greater reporting of child abuse and improvements in prevention services and in services that respond to reported incidents.

The most common crimes reported against children involve sexual abuse. Crime statistics from 2013/2014 showed that 44% of sexual offence victims (22 781) were children under the age of 18 years. Population-based studies have also found very high levels of physical abuse and physical punishment. Young children are at more risk of child abuse and neglect because they are dependent on caregivers and are unable to protect themselves. In addition to sexual abuse, neglect and physical abuse, some of the other common forms of violence affecting children under 5 years include emotional abuse and abandonment. The most severe consequence of child abuse is infanticide, which is not an uncommon experience in South Africa.

Increased efforts are needed to strengthen the child protection system and to ensure that the various duty-bearers, such as the police services, Department of Social Development, Department of Health and the criminal justice system, can collaborate properly to improve efficiency and effective responses. A national Child Protection Policy is currently being drafted and will inform current legislative and policy frameworks to strengthen service delivery.

Of all the births registered in 2014, 76% were for births in the preceding year.
Mental stimulation in the early years is important for children’s cognitive, social and emotional development. It enhances children’s ability to benefit from formal education later on. While many children under 2 years are cared for at home, group learning environments (community or centre-based) may be more appropriate for children from the age of 3. Channels to promote early learning include home visiting programmes, community playgroups and centre-based programmes (such as creches or pre-schools).

The provision of opportunities for early learning is an essential component of the national ECD policy’s comprehensive package of ECD services, and is prioritised for all children from birth until they enter formal school. There is clear evidence that children who attend good quality programmes are more school ready when they enter formal education later on. While many children under 2 years are cared for at home, group learning environments (community or centre-based) may be more appropriate for children from the age of 3. Channels to promote early learning include home visiting programmes, community playgroups and centre-based programmes (such as creches or pre-schools).

Access to early learning opportunities for children in South Africa is unequal across income levels. Children from wealthier households have greater access than poorer children to early stimulation through group programmes, from earlier on in their lives. This inequality in service access between income groups only disappears at the point where education becomes widely available, free and compulsory, i.e. in Grade 1, at which point poorer children enter school with a distinct disadvantage, having not had the benefits of quality early learning programmes.

Overall, enrolment in early learning programmes has risen dramatically: of the 3.2 million children aged 3-5 years, 64% are enrolled in a group programme (this includes playgroups, community based programmes, nursery school and Grade R, but does not include children in the care of day mothers, nannies, gogos and other individual caregivers).1 While 84% of 3-5 year-old children in the richest 20% of households attend a group learning programme, only 57% in the poorest 20% of households are enrolled in a programme.

While 84% of 3-5 year-old children in the richest 20% of households attend a group learning programme, only 57% in the poorest 20% of households are enrolled in a programme.

A million children aged 3-5 still do not attend group learning programmes. These children (most of whom are in Quintile 1-3) are missing out on a critical window of opportunity for promoting healthy development, at a time when the brain is most receptive to learning and when neural connections are being laid down for life.

Prior to 2009, enrolment in early learning programmes is likely to have been under-reported, as the General Household Survey asked a general question on attendance at educational institutions. This changed in 2009 when specific questions on ECD facilities were introduced for children aged 0-4 years. This explains the sudden jump in 2009 in Figure 14.

There has been a slight increase in attendance at group learning programmes reported for children under 2 years. It is not entirely clear that group learning environments are better than home care during these early years. The service gap for 0-2 years olds can be better addressed by strengthening models such as home visiting programmes and early learning playgroups targeting young children.

1 Derived from the General Household Survey.

---

**FIGURE 12: CHILDREN ATTENDING ANY OUT-OF-HOME EARLY LEARNING PROGRAMME (CRECHE / ECD CENTRE / SCHOOL OR OTHER LEARNING INSTITUTION) BY INCOME QUINTILE**

**FIGURE 13: EARLY LEARNING PROGRAMME ENROLMENT ACROSS INCOME QUINTILES (3-5 YEAR OLDS) IN 2014**

Source: GHS 2014, analysis by Children’s Institute.
and their caregivers, as well as using the opportunities presented by the improvements we have seen in the uptake of health services, to engage parents of young children on the importance of early stimulation. The critical factor in all cases is the quality of care and stimulation. There are no reliable data that enable national monitoring of the quality of early learning programmes for children. A proxy measure for the extent to which early learning programmes are preparing children for school is the standardised tests in numeracy and literacy that are administered through public schools.

The Annual National Assessments (ANAs) indicate that many children are not able to perform at the expected level by the end of the foundation phase. Nationally, only 57% of Grade 3 learners achieved the 50% benchmark in language, and 56% obtained 50% or more in mathematics.

These ANA results also reveal striking gaps in the quality of learning – particularly for children living in quintiles 1, 2 and 3 – in order to achieve this target. Drivers for improved quality may include standardised assessments of early learning programmes with feedback loops; innovating the use of technology to enhance early learning practices; quality incentives through alternative financing mechanisms; and improvements in the planning, content and administration of ECD practitioner learningships for both centre- and non-centre based programmes.

Included in the essential package is an emphasis on the importance of access to play and learning materials, for example through the establishment of community toy and book libraries. There are no reliable data to do an assessment of children’s access to these types of resources.

The Medium Term Strategic Framework (MTSF) target is that 75% of learners should achieve above 50% in both literacy and mathematics in Grade 3 by 2019. Focused attention is needed to drive quality improvements in early learning – particularly for children living in quintiles 1, 2 and 3 – in order to achieve this target. Drivers for improved quality may include standardised assessments of early learning programmes with feedback loops; innovating the use of technology to enhance early learning practices; quality incentives through alternative financing mechanisms; and improvements in the planning, content and administration of ECD practitioner learningships for both centre- and non-centre based programmes.

Another proxy for quality of early learning services is the extent to which ECD centres meet the required norms and standards outlined in the Children’s Act. In 2013/14, the national Department of Social Development commissioned an audit of ECD centres. Of the 17 828 sites included in the study, only 42% (8 032) were classified as having full registration (i.e. meeting the norms and standards) and 38% of these fully registered sites were recorded as requiring urgent maintenance, with rates as high as 66% in the Eastern Cape and KwaZulu-Natal. The Department of Social Development Annual Performance Plan target for ECD centre registration calls for 90% of all ECD centres in South Africa to be fully registered and compliant with the national norms and standards by 2018. Treasury’s introduction of a new conditional grant for ECD centre enhancements from 2017/18 provides an opportunity for testing interventions that bring us closer to this ambitious target.

Financing of early learning programmes has lagged well behind that of primary and secondary education. Investments in primary and secondary education will not see the intended returns if we do not ensure that young children enter school with the foundational skills needed to learn. Progressive realisation of quality early learning opportunities for all children in South Africa needs to be a top priority.

### Table 1: Early Learning Indicators, by Province

<table>
<thead>
<tr>
<th>Indicator</th>
<th>SA</th>
<th>EC</th>
<th>FS</th>
<th>GT</th>
<th>KZN</th>
<th>LP</th>
<th>MP</th>
<th>NW</th>
<th>NC</th>
<th>WC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Children aged 0-2</td>
<td>3 110 000</td>
<td>435 000</td>
<td>141 000</td>
<td>598 000</td>
<td>636 000</td>
<td>401 000</td>
<td>281 000</td>
<td>222 000</td>
<td>46 000</td>
<td>327 000</td>
</tr>
<tr>
<td>Children aged 3-5</td>
<td>3 200 000</td>
<td>446 000</td>
<td>155 000</td>
<td>647 000</td>
<td>684 000</td>
<td>383 000</td>
<td>247 000</td>
<td>233 000</td>
<td>75 000</td>
<td>341 000</td>
</tr>
<tr>
<td>Early learning enrolments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percentage of children 0-2 years old reported to attend an early learning group programme</td>
<td>16%</td>
<td>15%</td>
<td>25%</td>
<td>23%</td>
<td>8%</td>
<td>17%</td>
<td>11%</td>
<td>13%</td>
<td>10%</td>
<td>20%</td>
</tr>
<tr>
<td>Attendance of children 3-5 years old reported to attend an early learning group programme</td>
<td>64%</td>
<td>71%</td>
<td>76%</td>
<td>73%</td>
<td>52%</td>
<td>72%</td>
<td>61%</td>
<td>58%</td>
<td>59%</td>
<td>59%</td>
</tr>
<tr>
<td>No access to early learning programme</td>
<td>0-2 years old</td>
<td>11 388 000</td>
<td>131 000</td>
<td>37 000</td>
<td>173 000</td>
<td>331 000</td>
<td>108 000</td>
<td>94 000</td>
<td>94 000</td>
<td>31 000</td>
</tr>
<tr>
<td>No access to early learning programme</td>
<td>3-5 years old</td>
<td>1 138 000</td>
<td>131 000</td>
<td>37 000</td>
<td>173 000</td>
<td>331 000</td>
<td>108 000</td>
<td>94 000</td>
<td>94 000</td>
<td>31 000</td>
</tr>
<tr>
<td>Numeracy</td>
<td>Gr 3 learners who achieved more than 50% in maths</td>
<td>56%</td>
<td>52%</td>
<td>65%</td>
<td>74%</td>
<td>56%</td>
<td>34%</td>
<td>53%</td>
<td>39%</td>
<td>49%</td>
</tr>
<tr>
<td>Literacy</td>
<td>Gr 3 learners who achieved more than 50% in language</td>
<td>57%</td>
<td>51%</td>
<td>65%</td>
<td>71%</td>
<td>57%</td>
<td>43%</td>
<td>57%</td>
<td>51%</td>
<td>45%</td>
</tr>
</tbody>
</table>

**Source:** GHS 2014, analysis by Children’s Institute

A million children aged 3-5 still do not attend group learning programmes.
Important data gaps

Many elements of the essential package cannot easily be measured through existing data. These include:

- The number of women who make at least four antenatal visits, beginning in the first trimester.
- Provision of support, information and advice to pregnant women and young mothers, and information on the quality and content of service.
- Mental health screening during pregnancy and after birth, on-site management of primary-level mental health problems and referral for treatment.
- Developmental screening for infants to identify disabilities or developmental delays at 6 weeks, 9 and 12 months.
- Desexing for children aged 1-5 years.
- Access to subsidised childcare services for children whose caregivers cannot care for them during the day.
- Caregivers and young children who receive home visiting interventions to provide and promote early learning stimulation.
- Differentiated access to home-based and centre-based learning programmes for children under 6 years, and information on the quality of the programmes.
- Access to community learning resources for ECD (specifically toy libraries and book libraries).
- Prevalence and incidence of child abuse and neglect. This includes physical abuse (including corporal punishment), sexual abuse and non-circumstantial neglect.
- The delivery of responsive child protection services and psycho-social support for abused or neglected children.
- The number and proportion of children identified in need of care and protection brought before the court within 90 days (Department of Social Development, Department of Justice & Constitutional Development Children’s Court).
- Quality of service provision at health facilities.

Much of this information is hard to collect through standard questions in household surveys. It would be useful to address current data gaps by establishing local-level information systems that record services delivered and the numbers of mothers and children receiving services. A population-based approach enables us to track progress toward reaching all children with the services they need. ECD services must be delivered to all children who need them. The size of the population of children who need a particular service is therefore important. Having population numbers helps with setting appropriate targets and obtaining the required budget and other resources.

It would be useful to address current data gaps by establishing local-level information systems that record services delivered and the numbers of mothers and children receiving services.
Key indicators for early childhood development in South Africa

**Population:**
- Number of infants
- Children < 6 access to clinics
- HIV prevalence in pregnant women

**Service delivery / access:**
- Prenatal early
- Booking and HAART
- Early infant HIV test
- Immunisation
- Delivery rate in facility

**Outcome:**
- Early neonatal mortality
- Infant mortality rate

**Population:**
- Vitamin A deficiency in women
- Anaemia in women
- Low birth weight
- Child hunger

**Service delivery / access:**
- Breastfeeding
- Vitamin A coverage in children 12-59months

**Outcome:**
- Vitamin A deficiency in children
- Iron deficiency anaemia in children
- Stunting
- Wasting
- Underweight

**Population:**
- Children aged 0-2
- Children aged 3-5

**Service delivery / access:**
- Early learning enrolment
- Percentage of children aged 3-5 reported to attend an early learning programme
- No access to early learning programme

**Outcome:**
- Birth registration
- Access to Child Support Grant
- Child Support Grant uptake in infants

**Service delivery / access:**
- Maternal care

**Support for primary caregivers**
- Maternal care
- Breastfeeding education
- Antenatal visits
- Postnatal follow-up

**Maternal and child primary health interventions**
- Stimulation for early learning
- Nutritional support
- Social services

---

**Contributors**

**Colin Almeleh** is Programmes Director at Ilifa Labantwana, a donor collaborative that works with the South African government and other stakeholders to reform the systems necessary to enable the delivery of early childhood development services at scale. Almeleh has extensive experience working with governments and development agencies, having worked for the Children’s Investment Fund Foundation and Absolute Return for Kids on maternal, newborn and child health projects throughout Sub-Saharan Africa. He holds a PhD in Sociology, a BSc in Electrical Engineering. Almeleh is a past Fox Fellow at Yale University.

**Lizette Berry** is a senior researcher at the Children’s Institute, University of Cape Town (UCT). She holds a Master’s of Arts in social policy and management. She has 15 years’ experience in child policy research and has a background in social work. Berry has an interest in the care and development of children and recently contributed to a SADC programme on the development of indicators for measuring children’s well-being. She contributed to the Department of Social Development’s White Paper on tackle poverty and programmes on the development on children entering Grade R, and (3) research in collaboration with Young Lives to support the government of Ethiopia in their roll out of programmes to improve early learning outcomes prior to Grade 1.

**Sonja Giese** is the Executive Director of Innovation Edge, the first social innovation fund dedicated to the promotion of early learning in South Africa, and Executive Director of Iilfa Labantwana, a donor collaborative that works with the government to reform the systems necessary to enable the delivery of early childhood development services at scale in the most marginalised communities. Over the past 20 years, Giese has been involved in a number of successful start-up ventures in the development space, all focused on improving child outcomes through combining practical service delivery expe-
Katharine Hall is a senior researcher at the Children’s Institute, a policy research unit at UCT. Her work is in the area of child poverty, inequality and social policy. She co-ordinates the Institute’s Children’s Count indicator project, which analyses large national household survey data set to provide child-centred statistics on a variety of indicators related to child poverty, development and well-being. Her work has examined the integration of poverty alleviation programmes, and evaluated targeting mechanisms, particularly in relation to social assistance. She has worked extensively on household form, constructs of “the family” and care arrangements for children. She has a strong interest in housing policy and urban migration, and their implications for child care and household formation. She is a member of the standing committee of the International Society for Child Indicators.

Solange Rosa is a consultant for Ilifa Labantwana. She worked for the Western Cape government for 10 years as a Senior Policy Analyst and Chief Director of the Policy and Strategy Unit, responsible for policy analysis, research, policy and strategy development and planning. She was responsible for the integrated development of the Provincial Growth and Development Strategy, OneCape 2040, the Youth Development Strategy, the Early Childhood Development Strategy, the five-year Provincial Strategic Plans, among other provincial plans, policies and strategies. Prior to that she was a Senior Legal Researcher at the Children’s Institute and the Advocacy Coordinator for the Alliance for Children’s Entitlement to Social Security. She has a Master’s degree in Law from the UCT, and is completing a PhD at the University of Stellenbosch.

Winnie Sambu is a researcher at the Children’s Institute at UCT where her current focus is on Children Count – an ongoing data and advocacy project, which monitors the wellbeing of children in South Africa. Her research interests include food and nutrition security, child nutritional outcomes, poverty & inequality, living conditions and urban environments. She has a Master’s of Economics degree from the University of the Western Cape and a Master of Arts (Development Management) degree from Ruhr-Universität Bochum.

Zanele Twala is the Director/Sector Expert Early Childhood Development at the Presidency, Department of Planning, Monitoring and Evaluation (DPME). She was previously the Executive Director of Bridge Innovation in Learning and also held the position of Country Director of ActionAid International South Africa for five years. She holds a B.Ed (Honours) Degree from the University of Wolverhampton, England, a Masters Degree in Education (International Management and Policy in Education, Education Management) from the University of Birmingham, England and also a Certificate in Education Policy Analysis from Harvard University, USA.
The South African Early Childhood Review 2016 is an annual publication which presents information on the essential components of the comprehensive package of Early Childhood Development (ECD) services. This review includes data and commentary on over 40 carefully selected indicators on the status of children under six, as well as service delivery progress across five domains.

The South African Early Childhood Review 2016 is a joint publication between Ilifa Labantwana, the Children’s Institute at the University of Cape Town (UCT) and the Department of Planning, Monitoring and Evaluation (DPME) in the Presidency.

About the organisations:
Ilifa Labantwana is a national ECD programme, initiated and supported by a donor partnership, that aims to provide implementation evidence, build national capacity and galvanise informed political support for the provision of quality ECD services at scale, focusing on the poorest 40% of children under six.
www.ilifalabantwana.co.za

The Children’s Institute is a leader in child policy research and advocacy in South Africa. The Institute is based at the University of Cape Town.
www.ci.org.za
www.childrencount.org.net

The Department of Planning, Monitoring and Evaluation (DPME) in the Presidency was created to facilitate, influence and support effective planning, monitoring and evaluation of government programmes aimed at improving service delivery, outcomes and impact on society.
www.dpme.gov.za