TAKWIMU KENYA · REPORT D

Development and Investment Opportunities

What the evidence held says about Siaya's economic sectors, service gaps and infrastructure constraints (no returns or market sizes are estimated)

DRAFT. Every figure in this report is "Provisional: awaiting editorial review" unless it carries a mark. This notice replaces a label on each figure; the watermark stays until every included figure has a review record.

Review state: 283 provisional, 0 approved, 87 disputed, 0 superseded, 0 withdrawn.

Marks: APPROVED approved in editorial review; DISPUTED the data file records a conflict for this value (both readings are kept); SUPERSEDED replaced by a later reading; a withdrawn value prints the withdrawal and its reason instead of the number.

EDITION
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2013 to 2027 (earliest and latest years in the figures shown)

SNAPSHOT ID
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GEOGRAPHY
Siaya County (county code 41), Kenya

LICENCE
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How to read this report, the method, the confidence scales and the licence are set out once for all five reports at How to read these reports (takwimu.netlify.app/reports/method/). In short: **Findings** are values as the documents print them; **Interpretation** is Takwimu's reading, not a finding; where documents disagree all values are shown and none is chosen.

1. Scope and limits

Canonical topic page: Siaya economy (takwimu.netlify.app/counties/siaya/economy/).

Findings

This report lists only what the documents held say about sectors, service gaps and infrastructure constraints. It does not estimate market sizes, returns, costs or project financials: none of these is published in the documents held, and inventing them would mislead. Where evidence is absent, the report says so.

2. Economic sectors (Gross County Product)

Canonical topic page: Siaya economy (takwimu.netlify.app/counties/siaya/economy/).

Findings

Gross value added by activity, 2024, current prices (KNBS GCP 2025; 2024 provisional)

INDICATOR	VALUE
Gva by activity: Agriculture, forestry and fishing (current prices, GCP2025)	67,741 KSh million
Gva by activity: Mining and quarrying (current prices, GCP2025)	2,033 KSh million
Gva by activity: Manufacturing (current prices, GCP2025)	4,606 KSh million
Gva by activity: Electricity supply (current prices, GCP2025)	561 KSh million
Gva by activity: Water supply; waste collection (current prices, GCP2025)	732 KSh million
Gva by activity: Construction (current prices, GCP2025)	9,848 KSh million
Gva by activity: Wholesale and retail trade; repair of motor vehicles (current prices, GCP2025)	1,735 KSh million
Gva by activity: Transport and storage (current prices, GCP2025)	19,435 KSh million
Gva by activity: Accommodation and food service activities (current prices, GCP2025)	985 KSh million
Gva by activity: Information and communication (current prices, GCP2025)	3,475 KSh million
Gva by activity: Financial and insurance activities (current prices, GCP2025)	1,302 KSh million
Gva by activity: Real estate activities (current prices, GCP2025)	8,612 KSh million
Gva by activity: Professional and technical services (current prices, GCP2025)	3,683 KSh million
Gva by activity: Administrative support services (current prices, GCP2025)	1,662 KSh million
Gva by activity: Public administration and defence (current prices, GCP2025)	13,145 KSh million
Gva by activity: Education (current prices, GCP2025)	15,435 KSh million
Gva by activity: Human health and social work activities (current prices, GCP2025)	3,694 KSh million
Gva by activity: Other service activities (current prices, GCP2025)	5,710 KSh million
Gva by activity: Financial services indirectly measured (FISIM, deducted) (current prices, GCP2025)	-526 KSh million

Every row: period 2024; source KNBS-01-PDF; page PDF p. 54 (printed 40); confidence 5 of 5; Annexe I: GCP by Economic Activity at Current Prices, 2024; KNBS marks the year provisional.

Growth

INDICATOR	VALUE	PERIOD	SOURCE	PAGE	CONFIDENCE
Real growth avg (constant 2016 prices, GCP2025) [1,2]	4.6 percent per year	2020–2024	KNBS-01-PDF	PDF p. 46 (printed 32)	3 of 5
Real growth avg (constant 2016 prices, GCP2024) [3]	3.8 percent per year	2019–2023	KNBS-02-PDF	PDF p. 42 (printed 28)	4 of 5

1. Figure 6: GCP Growth Rates vs Average GDP Growth, 2020–2024.
2. KNBS marks the year provisional.
3. Figure 7: Average Growth in Real GCP Relative to Total Economy's Growth in Gross Value Added, 2019–2023.

Revisions to gross value added by activity between editions

MEASURE	PERIOD	GCP 2024 EDITION	GCP 2025 EDITION	DIFFERENCE	POSSIBLE REASON
Gva by activity: mining quarrying (current)	2023	**1,770 KSh million** KNBS-02-PDF; PDF p. 48 (printed 34); 2023; confidence 5 of 5.	**1,907 KSh million** KNBS-01-PDF; PDF p. 56 (printed 42); 2023; confidence 5 of 5.	**7.7%**	–
Gva by activity: electricity supply (current)	2023	**325 KSh million** KNBS-02-PDF; PDF p. 48 (printed 34); 2023; confidence 5 of 5.	**444 KSh million** KNBS-01-PDF; PDF p. 56 (printed 42); 2023; confidence 5 of 5.	**36.6%**	–
Gva by activity: transport storage (current)	2023	**20,512 KSh million** KNBS-02-PDF; PDF p. 48 (printed 34); 2023; confidence 5 of 5.	**18,791 KSh million** KNBS-01-PDF; PDF p. 56 (printed 42); 2023; confidence 5 of 5.	**-8.4%**	–
Gva by activity: human health social work (current)	2023	**3,465 KSh million** KNBS-02-PDF; PDF p. 49 (printed 35); 2023; confidence 5 of 5.	**3,220 KSh million** KNBS-01-PDF; PDF p. 56 (printed 42); 2023; confidence 5 of 5.	**-7.1%**	–

Interpretation (Takwimu editorial, not a finding)

Agriculture, forestry and fishing is the largest activity in the county accounts. Sector size alone says nothing about profitability or investability.

3. Value chains: agriculture, livestock and fisheries

Canonical topic page: Siaya agriculture and fisheries (takwimu.netlify.app/counties/siaya/agriculture/).

Findings

Production, area and value as printed (two sources, different years and units)

INDICATOR	VALUE	PERIOD	SOURCE	PAGE	CONFIDENCE
Area cropped: maize[1]	**84,000 ha**	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	4 of 5
Area cropped: maize[1]	**78,132 ha**	2014	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	4 of 5
Production: maize[1]	**129,818 tonnes** DISPUTED	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	3 of 5
Production: maize[1]	**1,372,914 tonnes** DISPUTED	2014	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	1 of 5
Production value: maize[1]	**3,427.2 KSh million**	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	3 of 5
Area cropped: beans[1]	**44,576 ha**	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	4 of 5
Area cropped: beans[1]	**47,915 ha**	2014	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	4 of 5
Production: beans[1]	**20,262 tonnes** DISPUTED	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	3 of 5
Production: beans[1]	**348,283 tonnes** DISPUTED	2014	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	1 of 5
Production value: beans[1]	**1,114.4 KSh million**	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	3 of 5

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INDICATOR	VALUE	PERIOD	SOURCE	PAGE	CONFIDENCE
Area cropped: sorghum [1]	16,564 ha	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	4 of 5
Area cropped: sorghum [1]	15,986 ha	2014	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	4 of 5
Production: sorghum [1]	22,587 tonnes DISPUTED	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	3 of 5
Production: sorghum [1]	128,726 tonnes DISPUTED	2014	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	1 of 5
Production value: sorghum [1]	596.3 KSh million	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	3 of 5
Area cropped: rice [1]	1,400 ha	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	4 of 5
Area cropped: rice [1]	2,648 ha	2014	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	4 of 5
Production: rice [1]	8,273 tonnes	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	3 of 5
Production: rice [1]	8,138 tonnes	2014	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	1 of 5
Production value: rice [1]	291.2 KSh million	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	3 of 5
Area cropped: cassava [1]	4,867 ha	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	4 of 5
Area cropped: cassava [1]	2,987 ha	2014	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	4 of 5
Production: cassava [1]	87,606 tonnes	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	3 of 5
Production: cassava [1]	28,700 tonnes	2014	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	1 of 5
Production value: cassava [1]	1,752.1 KSh million	2013	KNBS-CSA-SIAYA-2015	PDF p. 28 (printed 11)	3 of 5
Production: maize [2]	1,286,755 bags DISPUTED	2013	KNBS-CSA-SIAYA-2015	PDF p. 29 (printed 12)	3 of 5
Production: maize [2]	1,372,914 bags DISPUTED	2014	KNBS-CSA-SIAYA-2015	PDF p. 29 (printed 12)	3 of 5
Production: beans [2]	363,906 bags DISPUTED	2013	KNBS-CSA-SIAYA-2015	PDF p. 29 (printed 12)	3 of 5
Production: beans [2]	348,283 bags DISPUTED	2014	KNBS-CSA-SIAYA-2015	PDF p. 29 (printed 12)	3 of 5
Production: sorghum [2]	159,533 bags DISPUTED	2013	KNBS-CSA-SIAYA-2015	PDF p. 29 (printed 12)	3 of 5
Production: sorghum [2]	128,726 bags DISPUTED	2014	KNBS-CSA-SIAYA-2015	PDF p. 29 (printed 12)	3 of 5

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INDICATOR	VALUE	PERIOD	SOURCE	PAGE	CONFIDENCE
Livestock population: cattle dairy [3]	5,285 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: cattle dairy [3]	5,698 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: cattle beef zebu [3]	323,287 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: cattle beef zebu [3]	492,591 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: sheep hair [3]	139,456 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: sheep hair [3]	143,752 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: goats dairy [3]	3,630 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: goats dairy [3]	4,656 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: goats meat [3]	257,221 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: goats meat [3]	260,252 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: pigs [3]	14,186 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: pigs [3]	13,453 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: rabbits [3]	12,170 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: rabbits [3]	12,324 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: poultry broilers [3]	64,498 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: poultry broilers [3]	63,688 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: poultry layers [3]	39,097 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: poultry layers [3]	40,394 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: poultry indigenous [3]	797,651 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: poultry indigenous [3]	804,161 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: poultry others [3]	22,309 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5

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INDICATOR	VALUE	PERIOD	SOURCE	PAGE	CONFIDENCE
Livestock population: poultry others [3]	24,262 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: donkeys [3]	7,577 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: donkeys [3]	7,719 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: beehives log [3]	214 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: beehives log [3]	202 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: beehives ktbh [3]	2,281 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: beehives ktbh [3]	2,148 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: beehives langstroth [3]	7,282 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Livestock population: beehives langstroth [3]	8,310 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 31 (printed 14)	4 of 5
Fish ponds: aquaculture [4]	1,237 number	2013	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Fish ponds: aquaculture [4]	1,364 number	2014	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Fish landed quantity: capture freshwater [5]	28,222 tonnes DISPUTED	2013	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Fish landed value: capture freshwater [5]	3,554 KSh million	2013	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Aquaculture quantity: aquaculture [5]	677 tonnes	2013	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Aquaculture value: aquaculture [5]	204 KSh million	2013	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Fish landed quantity: capture freshwater [5]	27,141 tonnes DISPUTED	2014	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Fish landed value: capture freshwater [5]	3,973 KSh million	2014	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Aquaculture quantity: aquaculture [5]	689 tonnes	2014	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Aquaculture value: aquaculture [5]	206 KSh million	2014	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Fish landed quantity: capture lake victoria and kanyaboli [6]	24,703 tonnes DISPUTED	2013	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Fish landed value: capture lake victoria and kanyaboli [6]	3,046,858 KSh thousand	2013	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5

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INDICATOR	VALUE	PERIOD	SOURCE	PAGE	CONFIDENCE
Fish landed quantity: capture lake victoria and kanyaboli [6]	28,519 tonnes DISPUTED	2014	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Fish landed value: capture lake victoria and kanyaboli [6]	3,380,209 KSh thousand	2014	KNBS-CSA-SIAYA-2015	PDF p. 36 (printed 19)	4 of 5
Fish production: fisheries all [7]	Not published DISPUTED	2023	GOV-01-PDF	PDF p. 39 (printed 20)	1 of 5
Irrigated area: all crops [7]	680 ha DISPUTED	2023	GOV-01-PDF	PDF p. 39 (printed 20)	2 of 5
Fish landing sites: fisheries all [7]	88 number DISPUTED	2023	GOV-01-PDF	PDF p. 39 (printed 20)	2 of 5
Jetties: fisheries all [7]	5 number	2023	GOV-01-PDF	PDF p. 39 (printed 20)	3 of 5
Production: sorghum [8]	25,087 thousand tonnes DISPUTED	2018–2022	GOV-01-PDF	PDF p. 42 (printed 23)	1 of 5
Production: roots and tubers [8]	139,500 thousand tonnes	2018–2022	GOV-01-PDF	PDF p. 42 (printed 23)	1 of 5
Fish production: capture freshwater [8]	30,000 thousand tonnes DISPUTED	2018–2022	GOV-01-PDF	PDF p. 42 (printed 23)	1 of 5
Fish production: aquaculture [8]	147.6 thousand tonnes	2018–2022	GOV-01-PDF	PDF p. 42 (printed 23)	1 of 5
Irrigated area: all crops [9]	1,000.5 acres DISPUTED	2022	GOV-01-PDF	PDF p. 196 (printed 177)	3 of 5
Mechanised area: all crops [9]	62,600 acres	2022	GOV-01-PDF	PDF p. 196 (printed 177)	3 of 5
Production: cereals [9]	166,329,000 kg	2022	GOV-01-PDF	PDF p. 196 (printed 177)	3 of 5
Production: roots and tubers [9]	10,166,000 kg	2022	GOV-01-PDF	PDF p. 196 (printed 177)	3 of 5
Fish production: capture freshwater [10]	29,625,057 kg DISPUTED	2022	GOV-01-PDF	PDF p. 197 (printed 178)	3 of 5
Fish production value: capture freshwater [10]	4,245,813,654 KSh	2022	GOV-01-PDF	PDF p. 197 (printed 178)	3 of 5
Fish production: aquaculture [10]	183,210 kg	2022	GOV-01-PDF	PDF p. 197 (printed 178)	3 of 5
Fish production value: aquaculture [10]	38,474,000 KSh	2022	GOV-01-PDF	PDF p. 197 (printed 178)	3 of 5

1. Table 4.2: Area Cropped, Production and Value for Various Crops, 2013–2014.
2. Table 4.5: Cash Crop Production by Type and Quantity, 2013 - 2014.
3. Table 5.1: Livestock Population Trends, 2013 - 2014.
4. Table 6.1: Fish Ponds by Sub County, 2013 - 2014.
5. Table 6.2: Quantity and Value of Fish Produced, 2013 - 2014.
6. Table 6.3: Fish Production by Water Bodies 2013–2014.
7. Section 1.9 The Blue Economy (text).
8. Section 2.3.2 table: Agriculture, Livestock and Fisheries targets and achievements (CIDP 2018–2022 review).
9. Chapter 6 monitoring and evaluation matrix: Agriculture and Livestock outcome indicators.
10. Chapter 6 monitoring and evaluation matrix: Sustainable Utilization of Fisheries Resources.

County plan targets (plans, not outcomes)

INDICATOR	VALUE	PERIOD	PAGE	CONFIDENCE
Production: sorghum (target) [1]	32,000 thousand tonnes	2018–2022	PDF p. 42 (printed 23)	1 of 5
Production: roots and tubers (target) [1]	158,100 thousand tonnes	2018–2022	PDF p. 42 (printed 23)	1 of 5
Irrigated area: all crops (target) [2]	2,429 acres	2023–2027 mid-term	PDF p. 196 (printed 177)	3 of 5
Irrigated area: all crops (target) [2]	4,043 acres	2027	PDF p. 196 (printed 177)	3 of 5
Production: cereals (target) [2]	196,147,000 kg	2023–2027 mid-term	PDF p. 196 (printed 177)	3 of 5

INDICATOR	VALUE	PERIOD	PAGE	CONFIDENCE
Production: cereals (target) [2]	200,215,000 kg	2027	PDF p. 196 (printed 177)	3 of 5
Production: roots and tubers (target) [2]	12,000,000 kg	2023–2027 mid-term	PDF p. 196 (printed 177)	3 of 5
Production: roots and tubers (target) [2]	15,000,000 kg	2027	PDF p. 196 (printed 177)	3 of 5
Fish production: aquaculture (target) [3]	253,210 kg	2023–2027 mid-term	PDF p. 197 (printed 178)	3 of 5
Fish production: aquaculture (target) [3]	300,000 kg	2027	PDF p. 197 (printed 178)	3 of 5
Scheme area expansion: rice (target) [4]	6,500 acres	2023–2027	PDF p. 168 (printed 149)	3 of 5
Scheme cost estimate: rice (target) [4]	5,881 KSh million	2023–2027	PDF p. 168 (printed 149)	3 of 5
Scheme area expansion: rice (target) [4]	2,000 acres	2023–2027	PDF p. 169 (printed 150)	3 of 5
Scheme cost estimate: rice (target) [4]	615 KSh million	2023–2027	PDF p. 169 (printed 150)	3 of 5

Every row: source GOV-01-PDF.

1. Section 2.3.2 table: Agriculture, Livestock and Fisheries targets and achievements (CIDP 2018–2022 review).
2. Chapter 6 monitoring and evaluation matrix: Agriculture and Livestock outcome indicators.
3. Chapter 6 monitoring and evaluation matrix: Sustainable Utilization of Fisheries Resources.
4. Table 4.2 Flagship Projects (irrigation rice schemes).

Agriculture: conflicting values

Area under irrigation

VALUE AS HELD	INDICATOR	SOURCE AND PAGE	PERIOD	CONFIDENCE
680 ha DISPUTED	Irrigated area: all crops	GOV-01–PDF; PDF p. 39 (printed 20)	2023	2 of 5
1,000.5 acres DISPUTED	Irrigated area: all crops	GOV-01–PDF; PDF p. 196 (printed 177)	2022	3 of 5

Same plan gives 680 ha (p.20, "currently") and 1,000.5 acres (p.177, 2022 baseline). 1,000.5 acres is about 405 ha. Not reconciled; show both. All values shown are provisional (see the review notice on the cover); none has been chosen over another.

Capture fish landed, 2015 abstract

VALUE AS HELD	INDICATOR	SOURCE AND PAGE	PERIOD	CONFIDENCE
28,222 tonnes DISPUTED	Fish landed quantity: capture freshwater	KNBS-CSA-SIAYA-2015; PDF p. 36 (printed 19)	2013	4 of 5
24,703 tonnes DISPUTED	Fish landed quantity: capture lake victoria and kanyaboli	KNBS-CSA-SIAYA-2015; PDF p. 36 (printed 19)	2013	4 of 5
27,141 tonnes DISPUTED	Fish landed quantity: capture freshwater	KNBS-CSA-SIAYA-2015; PDF p. 36 (printed 19)	2014	4 of 5
28,519 tonnes DISPUTED	Fish landed quantity: capture lake victoria and kanyaboli	KNBS-CSA-SIAYA-2015; PDF p. 36 (printed 19)	2014	4 of 5

Table 6.2 gives 28,222 t (2013) and 27,141 t (2014); Table 6.3 gives 24,703 t and 28,519 t on the same page. Both from the county Department of Fisheries. Coverage difference not explained. All values shown are provisional (see the review notice on the cover); none has been chosen over another.

Maize, beans, sorghum production units, 2015 abstract

VALUE AS HELD	INDICATOR	SOURCE AND PAGE	PERIOD	CONFIDENCE
129,818 tonnes DISPUTED	Production: maize	KNBS-CSA-SIAYA-2015; PDF p. 28 (printed 11)	2013	3 of 5
1,286,755 bags DISPUTED	Production: maize	KNBS-CSA-SIAYA-2015; PDF p. 29 (printed 12)	2013	3 of 5
1,372,914 tonnes DISPUTED	Production: maize	KNBS-CSA-SIAYA-2015; PDF p. 28 (printed 11)	2014	1 of 5
1,372,914 bags DISPUTED	Production: maize	KNBS-CSA-SIAYA-2015; PDF p. 29 (printed 12)	2014	3 of 5

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VALUE AS HELD	INDICATOR	SOURCE AND PAGE	PERIOD	CONFIDENCE
20,262 tonnes DISPUTED	Production: beans	KNBS-CSA-SIAYA-2015; PDF p. 28 (printed 11)	2013	3 of 5
363,906 bags DISPUTED	Production: beans	KNBS-CSA-SIAYA-2015; PDF p. 29 (printed 12)	2013	3 of 5
348,283 tonnes DISPUTED	Production: beans	KNBS-CSA-SIAYA-2015; PDF p. 28 (printed 11)	2014	1 of 5
348,283 bags DISPUTED	Production: beans	KNBS-CSA-SIAYA-2015; PDF p. 29 (printed 12)	2014	3 of 5
22,587 tonnes DISPUTED	Production: sorghum	KNBS-CSA-SIAYA-2015; PDF p. 28 (printed 11)	2013	3 of 5
159,533 bags DISPUTED	Production: sorghum	KNBS-CSA-SIAYA-2015; PDF p. 29 (printed 12)	2013	3 of 5
128,726 tonnes DISPUTED	Production: sorghum	KNBS-CSA-SIAYA-2015; PDF p. 28 (printed 11)	2014	1 of 5
128,726 bags DISPUTED	Production: sorghum	KNBS-CSA-SIAYA-2015; PDF p. 29 (printed 12)	2014	3 of 5

Table 4.2 2013 tonnes do not match Table 4.5 bags at 90 kg (maize 129,818 t vs 1,286,755 bags = 115,808 t at 90 kg; sorghum 22,587 t vs 159,533 bags; beans 20,262 t vs 363,906 bags). The Table 4.2 2014* "tonnes" equal the Table 4.5 bag counts, so that column is bags mislabelled. Bag weight not stated. All values shown are provisional (see the review notice on the cover); none has been chosen over another.

Fish production in CIDP 2023–2027

VALUE AS HELD	INDICATOR	SOURCE AND PAGE	PERIOD	CONFIDENCE
Not published DISPUTED	Fish production: fisheries all	GOV-01-PDF; PDF p. 39 (printed 20)	2023	1 of 5
30,000 thousand tonnes DISPUTED	Fish production: capture freshwater	GOV-01-PDF; PDF p. 42 (printed 23)	2018–2022	1 of 5
29,625,057 kg DISPUTED	Fish production: capture freshwater	GOV-01-PDF; PDF p. 197 (printed 178)	2022	3 of 5

Three statements: "30,147,600 metric tonnes per annum" (p.20), capture 30,000 and culture 147.6 under "000 (MT)" (p.23), capture 29,625,057 kg in 2022 (p.178). Units are inconsistent; magnitude about 30,000 t is consistent with the 2015 abstract (27,141–28,519 t in 2014). All values shown are provisional (see the review notice on the cover); none has been chosen over another.

Fish landing sites

VALUE AS HELD	INDICATOR	SOURCE AND PAGE	PERIOD	CONFIDENCE
88 number DISPUTED	Fish landing sites: fisheries all	GOV-01-PDF; PDF p. 39 (printed 20)	2023	2 of 5

p.20 says 88 fish landing sites and, in the next paragraph, "over 60 existing beaches". No frame-survey count acquired to compare. All values shown are provisional (see the review notice on the cover); none has been chosen over another.

Sorghum production

VALUE AS HELD	INDICATOR	SOURCE AND PAGE	PERIOD	CONFIDENCE
22,587 tonnes DISPUTED	Production: sorghum	KNBS-CSA-SIAYA-2015; PDF p. 28 (printed 11)	2013	3 of 5
159,533 bags DISPUTED	Production: sorghum	KNBS-CSA-SIAYA-2015; PDF p. 29 (printed 12)	2013	3 of 5
25,087 thousand tonnes DISPUTED	Production: sorghum	GOV-01-PDF; PDF p. 42 (printed 23)	2018–2022	1 of 5

Abstract: 22,587 t (2013). CIDP review: 25,087 under "000 (MT)" for 2018–2022 with no year. Not comparable until the CIDP unit and period are confirmed. All values shown are provisional (see the review notice on the cover); none has been chosen over another.

> **Interpretation (Takwimu editorial, not a finding)**
>
> Yields, prices and margins are not published in the sources held, so no value chain can be ranked by return.

4. Service gaps

Canonical topic pages: Siaya climate, water and environment (takwimu.netlify.app/counties/siaya/climate/); Siaya health (takwimu.netlify.app/counties/siaya/health/); Siaya education (takwimu.netlify.app/counties/siaya/education/).

Findings

Water and sanitation coverage

INDICATOR	VALUE	PERIOD	SOURCE	PAGE	CONFIDENCE
Drinking water: At least basic service, county (Siaya) [1]	48.5 percent of de jure population	KDHS 2022 fieldwork (Feb-Jul 2022)	KDHS-2022	PDF p. 607 (printed 565)	4 of 5
Drinking water: Limited service, county (Siaya) [1]	7 percent of de jure population	KDHS 2022 fieldwork (Feb-Jul 2022)	KDHS-2022	PDF p. 607 (printed 565)	4 of 5
Drinking water: Unimproved, county (Siaya) [1]	1.8 percent of de jure population	KDHS 2022 fieldwork (Feb-Jul 2022)	KDHS-2022	PDF p. 607 (printed 565)	4 of 5
Drinking water: Surface water, county (Siaya) [1]	42.7 percent of de jure population	KDHS 2022 fieldwork (Feb-Jul 2022)	KDHS-2022	PDF p. 607 (printed 565)	4 of 5
Sanitation: At least basic service, county (Siaya) [2]	35 percent of de jure population	KDHS 2022 fieldwork (Feb-Jul 2022)	KDHS-2022	PDF p. 615 (printed 573)	4 of 5
Sanitation: Limited service, county (Siaya) [2]	19.7 percent of de jure population	KDHS 2022 fieldwork (Feb-Jul 2022)	KDHS-2022	PDF p. 615 (printed 573)	4 of 5
Sanitation: Unimproved, county (Siaya) [2]	39 percent of de jure population	KDHS 2022 fieldwork (Feb-Jul 2022)	KDHS-2022	PDF p. 615 (printed 573)	4 of 5
Sanitation: Open defecation, county (Siaya) [2]	6.2 percent of de jure population	KDHS 2022 fieldwork (Feb-Jul 2022)	KDHS-2022	PDF p. 615 (printed 573)	4 of 5
Households with access to safe water (CIDP narrative), county (Siaya) [3]	58 percent of households	current at plan preparation (CIDP 2023–2027; baseline year not stated in this paragraph)	GOV-01-PDF	PDF p. 109 (printed 90)	3 of 5
Population with access to quality water supply (CIDP indicator baseline), county (Siaya) [4]	58 percent of population	2022 (baseline year as printed)	GOV-01-PDF	PDF p. 194 (printed 175)	3 of 5
Households with access to safe drinking water (CIDP indicator baseline), county (Siaya) [5]	144,273 households	2022 (baseline year as printed)	GOV-01-PDF	PDF p. 194 (printed 175)	3 of 5
SIBOWASCO (Sibo) water coverage, utility service area (Sibo) [6]	62 percent of population in the utility service area	FY 2024/25	WASREB-IMPACT-18	PDF p. 55 (printed 38)	4 of 5
Population in SIBOWASCO service area, utility service area (Sibo) [7]	593,624 persons	FY 2024/25	WASREB-IMPACT-18	PDF p. 53 (printed 36)	4 of 5
Population served by SIBOWASCO, utility service area (Sibo) [8]	368,306 persons	FY 2024/25	WASREB-IMPACT-18	PDF p. 53 (printed 36)	4 of 5
County population served by formalized WSPs, county (Siaya) [9]	34 percent of county population	FY 2024/25	WASREB-IMPACT-18	PDF p. 89 (printed 72)	2 of 5
Population in low-income areas (LIA) of WSP service areas, county (Siaya) [10]	67,722 persons	FY 2024/25	WASREB-IMPACT-18	PDF p. 92 (printed 75)	4 of 5
Population served in low-income areas with water services, county (Siaya) [11]	63,443 persons	FY 2024/25	WASREB-IMPACT-18	PDF p. 92 (printed 75)	4 of 5

1. WHO/UNICEF JMP drinking water service ladder. At least basic = improved source with water on premises or round trip of 30 minutes or less (includes safely managed); limited = improved source, round trip over 30 minutes or unknown; unimproved = unprotected dug well or spring; surface water.
2. WHO/UNICEF JMP sanitation ladder. At least basic = improved facility not shared with other households (includes safely managed); limited = improved facility shared by 2 or more households; unimproved; open defecation.
3. CIDP does not define 'safe water' or name the source of the 58%.
4. Indicator baseline; definition and source not stated. Mid-term 61% and end-term 65% are targets and are not recorded.
5. Count of households; definition and source not stated. 151,735 and 161,685 are targets and are not recorded.
6. WASREB water coverage = population served / population in the utility's service area; covers SIBOWASCO's area only, not the whole county.

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7. Total population in service area as reported by the utility to WASREB.
8. Total population served as reported by the utility to WASREB.
9. Share of the whole county population served by formalized water service providers; the rest (66%) is shown as not served by a WSP, which does not mean without water.
10. Population living in utility-designated low-income areas.
11. Population served with water services within the LIA.

Health staffing by sub-county, 2022

INDICATOR	VALUE	PAGE
Population per doctor (all ages), Alego Usonga	12,526 people per health worker (printed as 1:N)	PDF p. 207 (printed 188)
Population per doctor (all ages), Bondo	20,053 people per health worker (printed as 1:N)	PDF p. 207 (printed 188)
Population per doctor (all ages), Gem	68,126 people per health worker (printed as 1:N)	PDF p. 207 (printed 188)
Population per doctor (all ages), Rarieda	170,952 people per health worker (printed as 1:N)	PDF p. 207 (printed 188)
Population per doctor (all ages), Ugenya	138,626 people per health worker (printed as 1:N)	PDF p. 207 (printed 188)
Population per doctor (all ages), Ugunja	118,315 people per health worker (printed as 1:N)	PDF p. 207 (printed 188)
Population per nurse (all ages), Alego Usonga	1,087 people per health worker (printed as 1:N)	PDF p. 207 (printed 188)
Population per nurse (all ages), Bondo	1,355 people per health worker (printed as 1:N)	PDF p. 207 (printed 188)
Population per nurse (all ages), Gem	2,129 people per health worker (printed as 1:N)	PDF p. 207 (printed 188)
Population per nurse (all ages), Rarieda	2,220 people per health worker (printed as 1:N)	PDF p. 207 (printed 188)
Population per nurse (all ages), Ugenya	2,100 people per health worker (printed as 1:N)	PDF p. 207 (printed 188)
Population per nurse (all ages), Ugunja	1,793 people per health worker (printed as 1:N)	PDF p. 207 (printed 188)
Population per clinical officer (all ages), Alego Usonga	3,173 people per health worker (printed as 1:N)	PDF p. 208 (printed 189)
Population per clinical officer (all ages), Bondo	5,420 people per health worker (printed as 1:N)	PDF p. 208 (printed 189)
Population per clinical officer (all ages), Gem	6,593 people per health worker (printed as 1:N)	PDF p. 208 (printed 189)
Population per clinical officer (all ages), Rarieda	8,547 people per health worker (printed as 1:N)	PDF p. 208 (printed 189)
Population per clinical officer (all ages), Ugenya	4,471 people per health worker (printed as 1:N)	PDF p. 208 (printed 189)
Population per clinical officer (all ages), Ugunja	4,225 people per health worker (printed as 1:N)	PDF p. 208 (printed 189)

Every row: period 2022 ('as at 2022'); source CIDP-2023; confidence 2 of 5; Staff count over population (source not named); secondary report.

Pre-primary and vocational training indicators (devolved functions)

INDICATOR	VALUE	PERIOD	SOURCE	PAGE	CONFIDENCE
Pre primary enrolment, pre-primary, public [1,2]	65,179 pupils	2019	MOE-BESB-2019	PDF p. 79 (printed 62)	5 of 5
Pre primary enrolment, pre-primary, private [1,2]	34,553 pupils	2019	MOE-BESB-2019	PDF p. 79 (printed 62)	5 of 5
Pre primary enrolment, pre-primary [1,2]	99,732 pupils	2019	MOE-BESB-2019	PDF p. 79 (printed 62)	5 of 5
Gross enrolment rate, pre-primary [3,2]	190.7 percent DISPUTED	2019	MOE-BESB-2019	PDF p. 77 (printed 60)	2 of 5

INDICATOR	VALUE	PERIOD	SOURCE	PAGE	CONFIDENCE
Pupil teacher ratio, pre-primary, public [1,2]	45.5 pupils per teacher	2019	MOE-BESB-2019	PDF p. 79 (printed 62)	5 of 5
Pupil teacher ratio, pre-primary, private [1,2]	32.3 pupils per teacher	2019	MOE-BESB-2019	PDF p. 79 (printed 62)	5 of 5
Pupil teacher ratio, pre-primary [1,2]	39.9 pupils per teacher	2019	MOE-BESB-2019	PDF p. 79 (printed 62)	5 of 5
Pre primary centres, pre-primary, public [4,2]	679 centres DISPUTED	2019	MOE-BESB-2019	PDF p. 80 (printed 63)	5 of 5
Pre primary centres, pre-primary, private [4,2]	473 centres	2019	MOE-BESB-2019	PDF p. 80 (printed 63)	5 of 5
Pre primary centres, pre-primary [4,2]	1,152 centres	2019	MOE-BESB-2019	PDF p. 80 (printed 63)	5 of 5
Pre primary centres, pre-primary, public [5,2]	744 centres	2014	MOE-BESB-2014	PDF p. 45 (printed 31)	5 of 5
Pre primary centres, pre-primary, private [5,2]	150 centres	2014	MOE-BESB-2014	PDF p. 45 (printed 31)	5 of 5
Pre primary centres, pre-primary [5,2]	894 centres	2014	MOE-BESB-2014	PDF p. 45 (printed 31)	5 of 5
Pre primary enrolment, pre-primary, public [6,2]	56,477 pupils	2014	MOE-BESB-2014	PDF p. 51 (printed 37)	5 of 5
Pre primary enrolment, pre-primary, private [6,2]	8,474 pupils	2014	MOE-BESB-2014	PDF p. 51 (printed 37)	5 of 5
Pre primary enrolment, pre-primary [7,2]	64,952 pupils DISPUTED	2014	MOE-BESB-2014	PDF p. 46 (printed 32)	5 of 5
Gross enrolment rate, pre-primary [7,2]	73.5 percent	2014	MOE-BESB-2014	PDF p. 46 (printed 32)	4 of 5
Net enrolment rate, pre-primary [7,2]	71.4 percent	2014	MOE-BESB-2014	PDF p. 46 (printed 32)	4 of 5
Pupil teacher ratio, pre-primary, public [6,2]	37.8 pupils per teacher	2014	MOE-BESB-2014	PDF p. 51 (printed 37)	5 of 5
Pupil teacher ratio, pre-primary, private [6,2]	19.6 pupils per teacher	2014	MOE-BESB-2014	PDF p. 51 (printed 37)	5 of 5
Pupil teacher ratio, pre-primary [6,2]	28.7 pupils per teacher DISPUTED	2014	MOE-BESB-2014	PDF p. 51 (printed 37)	2 of 5
Pre primary centres, pre-primary, public [8,9]	744 centres	2014	KNBS-ABS-2015	PDF p. 44 (printed 27)	5 of 5
Pre primary centres, pre-primary, private [8,9]	150 centres	2014	KNBS-ABS-2015	PDF p. 44 (printed 27)	5 of 5
Pre primary centres, pre-primary [8,9]	894 centres	2014	KNBS-ABS-2015	PDF p. 44 (printed 27)	5 of 5
Pre primary enrolment, pre-primary [10,2]	62,434 pupils	2013	KNBS-ABS-2015	PDF p. 46 (printed 29)	5 of 5

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INDICATOR	VALUE	PERIOD	SOURCE	PAGE	CONFIDENCE
Pre primary enrolment, pre-primary [10,9]	64,952 pupils	2014	KNBS-ABS-2015	PDF p. 46 (printed 29)	5 of 5
Gross enrolment rate, pre-primary [11,9]	73.5 percent DISPUTED	2014	KNBS-ABS-2015	PDF p. 46 (printed 29)	3 of 5
Net enrolment rate, pre-primary [11,9]	71.4 percent	2014	KNBS-ABS-2015	PDF p. 46 (printed 29)	4 of 5
Vtc enrolment, vtc [12,2]	1,047 trainees	2013	KNBS-ABS-2015	PDF p. 53 (printed 36)	4 of 5
Vtc enrolment, vtc [12,9]	1,173 trainees	2014	KNBS-ABS-2015	PDF p. 53 (printed 36)	5 of 5
Vtc centres, vtc [12,9]	16 institutions listed DISPUTED	2014	KNBS-ABS-2015	PDF p. 53 (printed 36)	3 of 5
Pre primary enrolment, pre-primary [13,2]	76,680 pupils	2018 (start of CIDP 2018–2022)	CIDP-2023–2027	PDF p. 44 (printed 25)	2 of 5
Pre primary enrolment, pre-primary [13]	*Unclear: equals the projected 3-5 population; not shown as enrolment* DISPUTED	2022 (end of CIDP 2018–2022)	CIDP-2023–2027	PDF p. 44 (printed 25)	1 of 5
Pre primary centres, pre-primary [14,2]	700 centres (approximate) DISPUTED	2023 (plan baseline)	CIDP-2023–2027	PDF p. 143 (printed 124)	2 of 5
Pre primary centres equipped, pre-primary [14,2]	340 centres	2023 (plan baseline)	CIDP-2023–2027	PDF p. 143 (printed 124)	2 of 5
Pre primary teachers required, pre-primary [14,15]	1,450 teachers	2023 (plan baseline)	CIDP-2023–2027	PDF p. 143 (printed 124)	2 of 5
Pre primary enrolment rate, pre-primary [14,2]	98 percent	2023 (plan baseline)	CIDP-2023–2027	PDF p. 143 (printed 124)	1 of 5
Pre primary new enrolment, pre-primary [16,17]	4,033 pupils	2023	CIDP-2023–2027	PDF p. 193 (printed 174)	3 of 5
Pre primary new enrolment, pre-primary [16,15]	20,165 pupils	2027	CIDP-2023–2027	PDF p. 193 (printed 174)	3 of 5
Vtc centres, vtc [14,2]	35 centres DISPUTED	2023 (plan baseline)	CIDP-2023–2027	PDF p. 143 (printed 124)	3 of 5
Vtc enrolment, vtc [13,2]	1,580 trainees	2018 (start of CIDP 2018–2022)	CIDP-2023–2027	PDF p. 44 (printed 25)	2 of 5
Vtc enrolment, vtc [13,2]	3,706 trainees	2022 (end of CIDP 2018–2022)	CIDP-2023–2027	PDF p. 44 (printed 25)	2 of 5
Vtc new enrolment, vtc [16,17]	1,200 students	2023	CIDP-2023–2027	PDF p. 194 (printed 175)	3 of 5

1. Table 42.
2. actual.
3. Table 40.
4. Table 43.
5. Table 16.
6. Table 22.
7. Table 17.
8. Table 13.1.
9. provisional.
10. Table 13.7.
11. Table 13.8.
12. Table 13.24.

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13. Section 2.3.4 (text).
14. Section 4.1.8 (text).
15. plan_target.
16. M&E outcome indicators (Chapter 6).
17. baseline.

> **Interpretation (Takwimu editorial, not a finding)**
>
> Among the indicators held, doctor coverage varies most between sub-counties, and the water-access figures depend heavily on which definition a document uses.

5. Infrastructure constraints

Canonical topic pages: Siaya project register (takwimu.netlify.app/counties/siaya/projects/); Siaya climate, water and environment (takwimu.netlify.app/counties/siaya/climate/).

Findings

Projects recorded as delayed, suspended, cancelled or of unknown status (contractors are not named)

ID	PROJECT (AS PRINTED)	SECTOR	STATUS (EVIDENCE)	LATEST BUDGET OR CONTRACT AMOUNT
SIA-P-001	Construction of Siaya County Stadium	sports culture tourism	**delayed** DISPUTED audit-2023-24; PDF p. 55; 2024-08-30; confidence 4 of 5.	**424,872,927 KSh** DISPUTED cob-report-2023-24; PDF p. 516; FY 2023/24; confidence 3 of 5.
SIA-P-002	Installation of three-phase electricity power at the Siaya Stadium	energy lighting	**delayed** audit-2023-24; PDF p. 53; 2024; confidence 4 of 5.	None held
SIA-P-005	Proposed installation of Tartan on the running track	sports culture tourism	**delayed** cob-report-2024-25; PDF p. 483; 2025-06-30; confidence 3 of 5.	**137,350,000 KSh** cob-report-2024-25; PDF p. 483; FY 2024/25; confidence 3 of 5.
SIA-P-007	Construction of Siaya Bus Park	roads transport	**cancelled** DISPUTED audit-2022-23; PDF p. 46; 2023-11; confidence 4 of 5.	**23,014,867 KSh** DISPUTED audit-2021-22; PDF p. 53; FY 2021/22; confidence 4 of 5.
SIA-P-008	Construction of Haudinga Sheltered Workshop in Ukwala	social services	**delayed** DISPUTED audit-2020-21; PDF p. 38; 2021-11; confidence 4 of 5.	**6,678,405 KSh** DISPUTED audit-2020-21; PDF p. 38; FY 2020/21; confidence 4 of 5.
SIA-P-009	Construction of Nyasanda Sheltered Workshop in Ugunja	social services	**delayed** DISPUTED audit-2020-21; PDF p. 38; 2021-11; confidence 4 of 5.	**6,831,702 KSh** DISPUTED audit-2020-21; PDF p. 38; FY 2020/21; confidence 4 of 5.
SIA-P-010	Construction of Nyamnina Youth Polytechnic	education	**delayed** DISPUTED audit-2020-21; PDF p. 38; 2021-11; confidence 4 of 5.	**3,870,156 KSh** DISPUTED audit-2020-21; PDF p. 38; FY 2020/21; confidence 4 of 5.
SIA-P-011	Renovations at Odera Akang'o Campus (works at Directors Office)	education	**delayed** DISPUTED audit-2020-21; PDF p. 39; 2021-11; confidence 4 of 5.	**36,653,220 KSh** DISPUTED audit-2020-21; PDF p. 39; FY 2020/21; confidence 4 of 5.
SIA-P-012	Construction of a laboratory at Obaga West Asembo Health Centre	health	**unknown** audit-2020-21; PDF p. 39; 2021-11; confidence 4 of 5.	None held
SIA-P-013	Maintenance of Maira Othatch Road and Bar Okwiri Kayouth roads	roads transport	**unknown** audit-2020-21; PDF p. 40; 2021-11; confidence 4 of 5.	None held
SIA-P-014	Rehabilitation of Siaya Slaughterhouse	agriculture fisheries	**delayed** audit-2020-21; PDF p. 40; 2021-11; confidence 4 of 5.	**9,984,993 KSh** audit-2020-21; PDF p. 40; FY 2020/21; confidence 4 of 5.

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ID	PROJECT (AS PRINTED)	SECTOR	STATUS (EVIDENCE)	LATEST BUDGET OR CONTRACT AMOUNT
SIA-P-015	Construction of Migwena Sports Stadium (2017 contract)	sports culture tourism	**cancelled** audit-2020-21; PDF p. 40; 2021-11; confidence 4 of 5.	**22,433,511 KSh** audit-2020-21; PDF p. 40; FY 2020/21; confidence 4 of 5.
SIA-P-016	Drainage, grading, gravelling and dozing of Kwaweya Yenga Nyalula Udura Kolum road (12 km)	roads transport	**delayed** audit-2021-22; PDF p. 53; 2022-07-27; confidence 4 of 5.	None held
SIA-P-017	Repairs and maintenance of Boro-Katondi Road, Ogunga Road and Segere-Ouru Road	roads transport	**unknown** audit-2021-22; PDF p. 53; 2022-11-10; confidence 3 of 5.	**14,659,268 KSh** audit-2021-22; PDF p. 53; FY 2021/22; confidence 3 of 5.
SIA-P-018	Tarmacking of Opoda-Bondo township road	roads transport	**delayed** DISPUTED audit-2021-22; PDF p. 53; 2022-06-30; confidence 4 of 5.	**52,805,116 KSh** DISPUTED audit-2021-22; PDF p. 53; FY 2021/22; confidence 4 of 5.
SIA-P-019	Construction of five ECD classrooms (Mahero, Kirindo, Ninga, Nyadheho and Nyabondo primary schools)	education	**delayed** audit-2021-22; PDF p. 54; 2022; confidence 4 of 5.	**19,124,181 KSh** audit-2021-22; PDF p. 54; FY 2021/22; confidence 4 of 5.
SIA-P-020	Construction of Early Childhood Development (ECD) block at Kirindo primary school	education	**suspended** audit-2022-23; PDF p. 46; 2023-11; confidence 4 of 5.	**3,888,053 KSh** audit-2022-23; PDF p. 46; FY 2022/23; confidence 4 of 5.
SIA-P-021	Drilling and equipping of nine boreholes in Ugunja, Alego and Rarieda sub-counties	water sanitation	**delayed** audit-2021-22; PDF p. 54; 2022; confidence 4 of 5.	**29,040,488 KSh** audit-2021-22; PDF p. 54; FY 2021/22; confidence 4 of 5.
SIA-P-022	Supply and installation of machines, wiring repairs and construction of a powerhouse at Madiany Ginnery	agriculture fisheries	**unknown** audit-2021-22; PDF p. 54; 2022-11-15; confidence 4 of 5.	**10,237,191 KSh** audit-2021-22; PDF p. 54; FY 2021/22; confidence 4 of 5.
SIA-P-024	Construction of Modern Market in Ukwala Market	markets trade	**suspended** audit-2022-23; PDF p. 47; 2023-09; confidence 4 of 5.	**5,740,187.46 KSh** audit-2022-23; PDF p. 47; FY 2022/23; confidence 4 of 5.
SIA-P-025	Construction of Nyadorera Modern Market	markets trade	**delayed** audit-2022-23; PDF p. 47; 2023-11; confidence 4 of 5.	**11,665,784 KSh** audit-2022-23; PDF p. 47; FY 2022/23; confidence 4 of 5.
SIA-P-026	Fencing and gravelling works at Akala and Ramba Markets	markets trade	**delayed** audit-2022-23; PDF p. 47; 2023-10; confidence 4 of 5.	**7,715,774 KSh** audit-2022-23; PDF p. 47; FY 2022/23; confidence 4 of 5.
SIA-P-027	Drilling and equipping of Aila WC Borehole	water sanitation	**unknown** DISPUTED audit-2022-23; PDF p. 48; 2023-08; confidence 4 of 5.	**4,479,975 KSh** DISPUTED audit-2022-23; PDF p. 48; FY 2022/23; confidence 4 of 5.
SIA-P-029	Proposed washroom, gravelling works, waterworks, powerhouse and electrification at Migwena	sports culture tourism	**delayed** audit-2023-24; PDF p. 55; 2024; confidence 4 of 5.	**18,630,456 KSh** audit-2023-24; PDF p. 55; FY 2023/24; confidence 4 of 5.
SIA-P-030	Construction of County Aggregation and Industrial Park	industry	**suspended** DISPUTED audit-2024-25; PDF p. 54; 2025-10; confidence 3 of 5.	**483,688,922 KSh** DISPUTED audit-2024-25; PDF p. 54; FY 2024/25; confidence 3 of 5.
SIA-P-031	Proposed Construction of Yala Cattle Ring in Yala Township Ward	agriculture fisheries	**delayed** audit-2023-24; PDF p. 56; 2024; confidence 4 of 5.	**4,500,962.55 KSh** audit-2023-24; PDF p. 56; FY 2023/24; confidence 4 of 5.
SIA-P-032	Construction of four door flushable toilets and four bathrooms at Akala Health Centre	health	**suspended** audit-2023-24; PDF p. 56; 2024-09-17; confidence 4 of 5.	**3,215,578.8 KSh** audit-2023-24; PDF p. 56; FY 2023/24; confidence 4 of 5.

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ID	PROJECT (AS PRINTED)	SECTOR	STATUS (EVIDENCE)	LATEST BUDGET OR CONTRACT AMOUNT
SIA-P-033	Construction of ECD Block at Maranyona Primary School	education	**delayed** audit-2024-25; PDF p. 54; 2025-07; confidence 3 of 5.	**4,134,669 KSh** audit-2024-25; PDF p. 54; FY 2024/25; confidence 3 of 5.
SIA-P-034	Proposed completion of ECD Block at Nyabera Primary School	education	**suspended** audit-2024-25; PDF p. 55; 2025-07; confidence 3 of 5.	**4,307,957 KSh** audit-2024-25; PDF p. 55; FY 2024/25; confidence 3 of 5.
SIA-P-036	Supply, delivery, installation and commissioning of mortuary cold-room plant at Bondo Sub-County Hospital	health	**delayed** DISPUTED audit-2024-25; PDF p. 59; 2025-10; confidence 3 of 5.	**54,685,880 KSh** DISPUTED cob-report-2024-25; PDF p. 483; FY 2024/25; confidence 4 of 5.
SIA-P-037	Supply, delivery and installation of medical equipment at Siaya Hospital Theatre Complex	health	**delayed** DISPUTED audit-2024-25; PDF p. 56; 2025-10; confidence 3 of 5.	**22,974,650 KSh** DISPUTED audit-2024-25; PDF p. 55; FY 2024/25; confidence 3 of 5.
SIA-P-039	Drilling and equipping of two boreholes at Ligose Primary and Ligala Dispensary	water sanitation	**unknown** audit-2024-25; PDF p. 56; 2025-07; confidence 3 of 5.	**5,819,100 KSh** audit-2024-25; PDF p. 56; FY 2024/25; confidence 3 of 5.
SIA-P-040	Drilling and equipping of a borehole at Yenga	water sanitation	**unknown** audit-2024-25; PDF p. 56; 2025-10; confidence 3 of 5.	None held
SIA-P-041	Supply, installation, configuration, customisation, testing, commissioning and support of an Enterprise Resource Planning (ERP) management information system	ict	**delayed** DISPUTED audit-2022-23; PDF p. 49; 2023; confidence 4 of 5.	**72,420,000 KSh** DISPUTED audit-2022-23; PDF p. 49; FY 2022/23; confidence 4 of 5.
SIA-P-042	Drilling and equipping of boreholes and construction of water kiosks in the ward offices	water sanitation	**suspended** DISPUTED audit-asm-2023-24; PDF p. 56; 2024-09; confidence 4 of 5.	**117,133,552 KSh** DISPUTED audit-asm-2022-23; PDF p. 54; FY 2022/23; confidence 4 of 5.
SIA-P-043	Construction of meeting halls in the ward offices	governance offices	**suspended** DISPUTED audit-asm-2023-24; PDF p. 56; 2024-09; confidence 4 of 5.	**104,900,292 KSh** DISPUTED cob-report-2022-23; PDF p. 581; FY 2022/23; confidence 4 of 5.
SIA-P-051	Installation of High mast lights in various locations in Siaya County	energy lighting	**delayed** cob-report-2024-25; PDF p. 483; 2025-06-30; confidence 4 of 5.	**179,009,460 KSh** cob-report-2024-25; PDF p. 483; FY 2024/25; confidence 4 of 5.
SIA-P-061	Construction of bus park at Bondo	roads transport	**unknown** cob-report-2020-21; PDF p. 377; 2021-06-30; confidence 3 of 5.	**28,947,290 KSh** cob-report-2020-21; PDF p. 377; FY 2020/21; confidence 3 of 5.
SIA-P-062	Equipping of Poye, Mbaga, Karapul, Uwasi, Nyamuango, Daho and Angolo Mkt	markets trade	**unknown** cob-report-2020-21; PDF p. 377; 2021-06-30; confidence 3 of 5.	**11,432,917 KSh** cob-report-2020-21; PDF p. 377; FY 2020/21; confidence 3 of 5.
SIA-P-063	Drilling of boreholes at Ochienga, Kobonyo, Okela, Bonde, Dhere, Utonga & Kanyichudo	water sanitation	**unknown** cob-report-2020-21; PDF p. 377; 2021-06-30; confidence 3 of 5.	**11,338,862 KSh** cob-report-2020-21; PDF p. 377; FY 2020/21; confidence 3 of 5.
SIA-P-064	Maintenance of River Yala and Lake Kanyaboli dykes	environment	**unknown** cob-report-2018-19; PDF p. 272; 2019-06-30; confidence 5 of 5.	**20,000,000 KSh** cob-report-2018-19; PDF p. 272; FY 2018/19; confidence 5 of 5.
SIA-P-065	Construction of County Annex Siaya	governance offices	**unknown** cob-report-2018-19; PDF p. 272; 2019-06-30; confidence 5 of 5.	**35,000,000 KSh** cob-report-2018-19; PDF p. 272; FY 2018/19; confidence 5 of 5.

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ID	PROJECT (AS PRINTED)	SECTOR	STATUS (EVIDENCE)	LATEST BUDGET OR CONTRACT AMOUNT
SIA-P-066	Development of East Uyoma Water Project (co-funding of the project)	water sanitation	**unknown** cob-report-2018-19; PDF p. 272; 2019-06-30; confidence 5 of 5.	**10,000,000 KSh** cob-report-2018-19; PDF p. 272; FY 2018/19; confidence 5 of 5.
SIA-P-067	Construction of Pap - Kodero Twin Box Culvert FL	roads transport	**unknown** cob-report-2018-19; PDF p. 272; 2019-06-30; confidence 5 of 5.	**12,119,733 KSh** cob-report-2018-19; PDF p. 272; FY 2018/19; confidence 5 of 5.
SIA-P-068	Routine Maintenance Of Ndai/Kanyaboli/Kubar Pr. Sch. /Obambo Pr. Sch. Road	roads transport	**unknown** cob-report-2018-19; PDF p. 272; 2019-06-30; confidence 5 of 5.	**8,265,600 KSh** cob-report-2018-19; PDF p. 272; FY 2018/19; confidence 5 of 5.
SIA-P-069	Completion of the Apuoyo animal feed pelletizing plant	agriculture fisheries	**cancelled** cob-report-2024-25; PDF p. 483; 2025-06-30; confidence 3 of 5.	**1,500,000 KSh** cob-report-2024-25; PDF p. 483; FY 2024/25; confidence 3 of 5.
SIA-P-070	Fencing and installation of a gate at Kokach Beach	agriculture fisheries	**suspended** cob-report-2024-25; PDF p. 483; 2025-06-30; confidence 3 of 5.	None held
SIA-P-071	Renovation and repairs of the Siriwo rice drying floor	agriculture fisheries	**cancelled** cob-report-2024-25; PDF p. 483; 2025-06-30; confidence 3 of 5.	None held
SIA-P-072	Construction of modern washrooms at Ralayo beach	water sanitation	**suspended** cob-report-2024-25; PDF p. 484; 2025-06-30; confidence 3 of 5.	None held
SIA-P-073	Acquisition of storage tanks for Bondo Sub-County Hospital	health	**suspended** cob-report-2024-25; PDF p. 484; 2025-06-30; confidence 3 of 5.	**4,899,401 KSh** cob-report-2024-25; PDF p. 484; FY 2024/25; confidence 3 of 5.
SIA-P-074	Completion of Oboch dispensary (Pending)	health	**suspended** cob-report-2024-25; PDF p. 484; 2025-06-30; confidence 3 of 5.	**3,200,000 KSh** cob-report-2024-25; PDF p. 484; FY 2024/25; confidence 3 of 5.
SIA-P-075	Improving the sewer system and gate at the Rwambwa sub-County hospital	health	**suspended** cob-report-2024-25; PDF p. 484; 2025-06-30; confidence 3 of 5.	**1,200,000 KSh** cob-report-2024-25; PDF p. 484; FY 2024/25; confidence 3 of 5.
SIA-P-077	Completion of casualty and maternity complex at Yala SCH	health	**delayed** GOV-02-FY2025-26-Q4; PDF p. 11; 2026-06-30; confidence 4 of 5.	**78,084,128 KSh** GOV-02-FY2025-26-Q4; PDF p. 11; FY 2025/26; confidence 4 of 5.
SIA-P-078	Phased construction of Ugenya Sub County Office at Ukwala	governance offices	**unknown** GOV-02-FY2025-26-Q4; PDF p. 12; 2026-06-30; confidence 4 of 5.	**41,233,141.48 KSh** GOV-02-FY2025-26-Q3; PDF p. 13; FY 2025/26; confidence 4 of 5.
SIA-P-079	Phased construction of Gem Sub County Office at Yala	governance offices	**delayed** GOV-02-FY2025-26-Q3; PDF p. 13; 2026-03-31; confidence 4 of 5.	**41,593,818.75 KSh** GOV-02-FY2025-26-Q3; PDF p. 13; FY 2025/26; confidence 4 of 5.
SIA-P-081	Completion of construction and equipping of Municipal Office complex - Phase 2 (multi- year project)	urban housing lands	**delayed** GOV-02-FY2025-26-Q4; PDF p. 12; 2026-06-30; confidence 4 of 5.	**62,557,284 KSh** GOV-02-FY2025-26-Q4; PDF p. 12; FY 2025/26; confidence 4 of 5.
SIA-P-082	Revamping South Sakwa (Olago)	water sanitation	**delayed** GOV-02-FY2025-26-Q4; PDF p. 12; 2026-06-30; confidence 4 of 5.	**47,023,421 KSh** GOV-02-FY2025-26-Q4; PDF p. 12; FY 2025/26; confidence 4 of 5.

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ID	PROJECT (AS PRINTED)	SECTOR	STATUS (EVIDENCE)	LATEST BUDGET OR CONTRACT AMOUNT
SIA-P-092	Proposed Construction of Rarieda Sub-County Headquarters in Aram	governance offices	**suspended** GOV-02-FY2025-26-Q3; PDF p. 14; 2026-03-31; confidence 4 of 5.	**39,900,000 KSh** GOV-02-FY2025-26-Q1; PDF p. 15; FY 2025/26; confidence 4 of 5.
SIA-P-093	Purchase of Land for Construction of Rarieda Sub County Office	governance offices	**suspended** GOV-02-FY2025-26-Q3; PDF p. 14; 2026-03-31; confidence 4 of 5.	**5,000,000 KSh** GOV-02-FY2025-26-Q1; PDF p. 15; FY 2025/26; confidence 4 of 5.
SIA-P-094	Completion of Nyamonye juakali	markets trade	**suspended** DISPUTED GOV-02-FY2025-26-Q4; PDF p. 12; 2026-06-30; confidence 4 of 5.	**1,878,186.2 KSh** DISPUTED cob-report-2024-25; PDF p. 484; FY 2024/25; confidence 3 of 5.
SIA-P-096	Wagai Multi-Media Resource and Learning Centre	education	**suspended** GOV-04-CADP-PP; PDF p. 10; 2024-09; confidence 3 of 5.	None held

Climate hazard exposure calculated by Takwimu

INDICATOR	VALUE	PAGE
PCRA wards with a flood or drought hotspot printed (2023), beside FLLoCA allocations FY 2023/24[1]	**20 wards (of 30)**	PDF p. 48 (printed 34)
PCRA wards with a drought hotspot printed (2023), beside FLLoCA allocations FY 2023/24[2]	**9 wards (of 30)**	PDF p. 63 (printed 49)
PCRA wards with a flood hotspot printed (2023), beside FLLoCA allocations FY 2023/24[3]	**18 wards (of 30)**	PDF p. 48 (printed 34)

Every row: period PCRA 2023; allocations FY 2023/24; source CLIM-01; confidence 3 of 5; Calculated by Takwimu Kenya from published figures; Confidence: the lowest of its inputs.

1. Formula: Number of distinct wards (CIDP ward register names) whose PCRA ward table lists a flood or drought hotspot with at least one named place; shown beside the FY 2023/24 FLLoCA grant allocations.
2. Formula: Number of distinct wards (CIDP ward register names) whose PCRA ward table lists a drought hotspot with at least one named place; shown beside the FY 2023/24 FLLoCA grant allocations.
3. Formula: Number of distinct wards (CIDP ward register names) whose PCRA ward table lists a flood hotspot with at least one named place; shown beside the FY 2023/24 FLLoCA grant allocations.

Interpretation (Takwimu editorial, not a finding)

Stalled public works and ward-level flood and drought hotspots are constraints any investment would have to plan around.

6. Investability screening, market size and returns

Findings

Not assessed. The documents held publish no market sizes, prices, costs, returns or project financial models for Siaya. An investability screen would need them. This section is left empty on purpose rather than filled with assumptions.

7. Risk register (evidence risks)

Canonical topic page: Siaya climate, water and environment (takwimu.netlify.app/counties/siaya/climate/).

Findings

The risks listed here are risks to the evidence itself: conflicting values and missing data that any decision based on this report would carry. They are taken from the data gaps and conflicts recorded in the data files; no commercial risk is rated.

Water access: figures with different definitions

Water access in Siaya: four figures, four definitions

VALUE AS HELD	INDICATOR	SOURCE AND PAGE	PERIOD	CONFIDENCE
48.5 percent of de jure population	Drinking water: At least basic service, county (Siaya)	KDHS-2022; PDF p. 607 (printed 565)	KDHS 2022 fieldwork (Feb-Jul 2022)	4 of 5
58 percent of households	Households with access to safe water (CIDP narrative), county (Siaya)	GOV-01-PDF; PDF p. 109 (printed 90)	current at plan preparation (CIDP 2023-2027; baseline year not stated in this paragraph)	3 of 5
58 percent of population	Population with access to quality water supply (CIDP indicator baseline), county (Siaya)	GOV-01-PDF; PDF p. 194 (printed 175)	2022 (baseline year as printed)	3 of 5
62 percent of population in the utility service area	SIBOWASCO (Sibo) water coverage, utility service area (Sibo)	WASREB-IMPACT-18; PDF p. 55 (printed 38)	FY 2024/25	4 of 5
34 percent of county population	County population served by formalized WSPs, county (Siaya)	WASREB-IMPACT-18; PDF p. 89 (printed 72)	FY 2024/25	2 of 5

48.5% (KDHS 2022, at least basic, de jure population), 58% (CIDP, households or population, undefined), 62% (WASREB, SIBOWASCO service area only) and 34% (WASREB, county population served by formal utilities) measure different things. Shown side by side; no canonical figure. All values shown are provisional (see the review notice on the cover); none has been chosen over another.

FLLoCA FY 2025/26: allocation, receipt and transfer to the fund

VALUE AS HELD	INDICATOR	SOURCE AND PAGE	PERIOD	CONFIDENCE
365,509,163 KSh	FLLoCA county fund: approved budget allocation, county (County Government of Siaya)	GOV-02-FY2025-26-Q4; PDF p. 10	FY 2025/26	4 of 5
217,509,163 KSh	FLLoCA-Development: annual targeted revenue, county (County Government of Siaya)	GOV-02-FY2025-26-Q4; PDF p. 2	FY 2025/26	4 of 5
11,000,000 KSh	FLLoCA-Recurrent: annual targeted revenue, county (County Government of Siaya)	GOV-02-FY2025-26-Q4; PDF p. 2	FY 2025/26	4 of 5
137,000,000 KSh	FLLoCA-Grant-2025/26: annual targeted revenue, county (County Government of Siaya)	GOV-02-FY2025-26-Q4; PDF p. 3	FY 2025/26	4 of 5
231,601,941 KSh	FLLoCA county fund: actual disbursements in FY, county (County Government of Siaya)	GOV-02-FY2025-26-Q4; PDF p. 10	FY 2025/26	4 of 5
126,449,101 KSh	FLLoCA-Development: actual receipts, county (County Government of Siaya)	GOV-02-FY2025-26-Q4; PDF p. 2	FY 2025/26	4 of 5
11,000,000 KSh	FLLoCA-Recurrent: actual receipts, county (County Government of Siaya)	GOV-02-FY2025-26-Q4; PDF p. 2	FY 2025/26	4 of 5
94,152,840 KSh	FLLoCA-Grant-2025/26: actual receipts, county (County Government of Siaya)	GOV-02-FY2025-26-Q4; PDF p. 3	FY 2025/26	4 of 5

Within the same report the fund allocation equals the three revenue targets and the fund disbursement equals the three receipts. No FLLoCA project expenditure or verified adaptation outcome is published in these documents. All values shown are provisional (see the review notice on the cover); none has been chosen over another.

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8. Data gaps

Gaps in the input files of this report, listed and never filled (see how gaps are handled).

ITEM	REASON	DATA FILE
Share of national gdp (both, 2019–2024)	Not published as a county value. Both editions publish each county's share of the sum of county GVA (Table 9 in GCP 2025, Table 6 in GCP 2024); GCP excludes taxes on products, so this is not a share of GDP at market prices. KNBS's own GCP 2024 Figure 2 caption calls it "share of Gross Domestic Product". Recorded here under its table name.	data/siaya-economy.json
Gva by activity (GCP2025, 2020–2021)	GCP 2025 annexes give activity values for 2022, 2023 and 2024 only.	data/siaya-economy.json
Gva by activity (GCP2024, 2019–2020)	GCP 2024 annexes give activity values for 2021, 2022 and 2023 only.	data/siaya-economy.json
Gva by activity (both, 2019–2024)	No activity breakdown at constant prices is published in either edition.	data/siaya-economy.json
Real growth annual (both, 2019–2024)	Neither edition prints a year-by-year real growth rate for Siaya; only the period average in a chart. Annual rates are not derived here.	data/siaya-economy.json
Yield (t/ha) for any crop	Not printed in either acquired source; not derived.	data/siaya-agriculture.json
Cotton and sugarcane area and production	Named as value chains in CIDP 2023–2027 and the 2015 abstract (Table 4.1), but no quantities printed.	data/siaya-agriculture.json
Crop area and production 2015–2025	No later county statistical abstract acquired; Ministry of Agriculture National Agriculture Production Report 2023–2024 (statistics.kilimo.go.ke) could not be downloaded (connection reset, 21 Nov 2026).	data/siaya-agriculture.json
Livestock numbers after 2014	No source acquired (2019 Census livestock tables not yet checked).	data/siaya-agriculture.json
Fish landings by beach or BMU	No published aggregate by BMU found.	data/siaya-agriculture.json
Fisher and boat counts (frame surveys)	Only 2000–2004 Kenya-wide LVEMP frame survey reports found (pre-county geography); no county-level frame survey acquired.	data/siaya-agriculture.json
Fish landings 2015–2021 and 2023–2025	No source acquired.	data/siaya-agriculture.json
Irrigated area by scheme (observed)	CIDP gives only expansion targets for Muluwa and Anyiko; no National Irrigation Board scheme statistics acquired.	data/siaya-agriculture.json
Climate-tagged allocation across all departments	No climate budget tagging is published in the CBROP FY 2024/25 or the FY 2025/26 quarterly reports; only FLLoCA grant lines are climate-specific.	data/siaya-climate.json
FLLoCA project expenditure and adaptation outcomes	Not published in GOV-02/GOV-03 documents read; FLLoCA programme reports not obtained (climatefinanceken.go.ke fails TLS verification).	data/siaya-climate.json
FLLoCA FY 2023/24 receipts	Not found in the documents read.	data/siaya-climate.json
Ward hazards other than flood and drought	The PCRA ward tables also list soil erosion, deforestation, strong winds, human-wildlife conflict, pests, mining and others; not yet transcribed row by row.	data/siaya-climate.json
PCRA ward tables for Usonga, West Alego, North Ugenya, East Ugenya, Ukwala, Central Sakwa and West Asembo	No ward table is printed for these seven wards in section 2.4.1; some appear only in Annex 2.	data/siaya-climate.json
Hazard severity ranking by ward	The PCRA prints no ranking or score by ward.	data/siaya-climate.json
Flood impact counts (households affected or displaced, deaths) for Siaya	No Kenya Red Cross, NDMA or NDOC situation report with a Siaya row was obtained; ReliefWeb pages returned HTTP 403. News reports (Tier D) give conflicting counts and are leads only.	data/siaya-climate.json
Census 2019 (KPHC Vol IV) water source and sanitation by county	Not downloaded in this pass.	data/siaya-climate.json
WASREB sanitation coverage for Siaya (Figure 4.3)	Chart labels for Siaya (3% and 7%) cannot be matched to the three series with confidence.	data/siaya-climate.json
WASREB Impact 16 (FY 2022/23) utility values	Downloaded, but its utility tables have no extractable text layer; not read.	data/siaya-climate.json

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ITEM	REASON	DATA FILE
Water coverage before 2022 (ten-year series)	Only 2022 (KDHS, CIDP baseline) and FY 2024/25 (WASREB) values extracted so far; KDHS 2014 county tables and earlier Impact reports not yet read.	data/siaya-climate.json
Project register	County Annual Development Plan 2025/26 (GOV-04 ADP) not obtained: only its public participation report was found. Its Annex 4 lists several hundred ward proposals (ranked wishes, not approved projects); they are not entered as projects.	data/siaya-projects.json
Project register	County budget implementation reports for FY 2024/25 (GOV-02 Q1 to Q4) and Q4 FY 2023/24 have no project annexes; only FY 2025/26 reports do.	data/siaya-projects.json
Project register	Controller of Budget Siaya tables for FY 2014/15 to 2017/18 and FY 2019/20 were not read for this register.	data/siaya-projects.json
Project register	Executive audit reports for FY 2016/17 to 2018/19 were not found (see data/siaya-audits.json gaps), so early stadium years rest on CoB county data only.	data/siaya-projects.json
Project register	No physical verification by Takwimu. Only one project (SIA-P-038) has an independent statement of completion.	data/siaya-projects.json
Project register	CIDP capital projects are programme lines; countywide lines (subsidies, routine maintenance, ECD, VTC and so on) are not entered.	data/siaya-projects.json
Project register	BIR rows "Preparation of Valuation Roll" (a study) and CoB FY 2022/23 rows for seeds, fertiliser, tractors and land acquisition (purchases) are not entered.	data/siaya-projects.json
pupil_teacher_ratio (pre-primary) after 2019	No booklet after 2019 was found; the CIDP gives teachers but no matching enrolment.	data/siaya-education.json
primary/secondary GER and NER after 2019	No later county table found in the sources read.	data/siaya-education.json
primary-to-secondary transition rate (Siaya)	The 2019 booklet gives only a national transition rate (Table 11); no county rate was found.	data/siaya-education.json
KCSE results (Siaya aggregate)	Only KCSE candidate counts (2013, 2014) are published at county level in the sources read; no county grade distribution.	data/siaya-education.json
county bursary actual spending by year	Budget implementation reports show no bursary line in FY 2023/24–2025/26 other than the Bursary Fund table; the BROP gives a planned KSh 120 million but no outturn.	data/siaya-education.json
VTC enrolment after 2022 (annual)	Only CIDP plan-period totals and a 2023 baseline of new students were found.	data/siaya-education.json
national TVET enrolment after 2014 (Siaya institutions)	No later county figure found.	data/siaya-education.json
social protection beneficiaries by programme (Inua Jamii: CT-OVC, OPCT, PWSD-CT)	No official county table was found or downloaded; media figures were not used.	data/siaya-education.json
youth unemployment rate (Siaya)	Only an unsourced overall rate (31.2%) appears in the CIDP; no county-disaggregated youth rate was found.	data/siaya-education.json
UNICEF education figures for Siaya	UN-01 has no Siaya figure; UN-02 names Siaya only in charts and a diet regression, with no readable education value; UN-03 gives a Siaya adolescent disability share (2.0%), which is not an education indicator.	data/siaya-education.json
KNBS Economic Survey county education tables	Not downloaded in this pass.	data/siaya-education.json
Siaya County Statistical Abstract after 2015	No newer abstract located; the KNBS portal fails certificate verification.	data/siaya-education.json
hiv-prevalence (survey-measured)	KDHS 2022 did not test for HIV. KENPHIA 2018 county estimates and the Kenya HIV Estimates 2020–2024 reports were not retrieved. Next step: Retrieve KENPHIA 2018 final report county table and the NSDCC estimate reports for 2020–2024.	data/siaya-health.json
hiv-viral-suppression (definition)	Neither the 2022 poster nor the 2026 profile prints the denominator. Next step: Ask NSDCC/NASCOP for the cascade definitions.	data/siaya-health.json
tb-notifications	NTLD-P annual reports show county notification rates only as charts with no text layer. Next step: Read the chart values with the NTLD-P county data team, or request the TIBU county table.	data/siaya-health.json
tb-incidence (modelled)	No county-level TB incidence estimate found; the 363/100,000 figure is untraced. Next step: Ask the county health department which dataset the syndemic operational plan used.	data/siaya-health.json

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ITEM	REASON	DATA FILE
malaria-prevalence (survey)	KDHS 2022 did not test for malaria; the KMIS 2020 report gives prevalence by endemicity zone, not by county. The 'Malaria cluster indicator survey (2022)' named in the CIDP was not found. Next step: Retrieve KMIS 2020 (lake endemic zone) and ask the county which survey gave 29% and 19%.	data/siaya-health.json
malaria-incidence	Routine KHIS confirmed-case data are behind a login. Next step: Request county malaria case counts by year from the county health records office.	data/siaya-health.json
health-workforce-per-population (county)	The CIDP prints sub-county ratios only, without staff counts or the population base. Next step: Obtain the county HRH establishment (staff counts by cadre) and divide by KNBS population; record both inputs.	data/siaya-health.json
chu-functionality	The county article (HEALTH-02) returns HTTP 404 and the baseline assessment was not obtained. Next step: Request the Lwala/county assessment, definitions, sampling and ward breakdown.	data/siaya-health.json
sentinel-site series (PBIDS, HDSS malaria)	The PBIDS portal (HEALTH-03) and MESA page (HEALTH-04) link no data tables. Next step: Search peer-reviewed PBIDS/HDSS outputs; record each as sentinel-site.	data/siaya-health.json
annual trend 2014–2024	Only two KDHS rounds give comparable county survey values; annual routine data were not retrievable. Next step: None without KHIS access; gaps are listed, not filled.	data/siaya-health.json

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9. Bibliography and document versions

Every document cited by a figure in this report, with the SHA-256 digest of the file version read (conventions).

KEY	TITLE, PUBLISHER, DATE	SHA-256	URL	LICENCE
CIDP-2023	County Government of Siaya, County Integrated Development Plan 2023–2027 (final print file). County Government of Siaya. not stated (PDF created 2024-01-24). Period: 2023–2027; statistics 'as at 2022'.	650a5bdf71c5d4d43247a837752e0c3f2978d4ef53853033566278e7e6be9d0d	https://siaya.go.ke/wp-content/uploads/2026/10/County-Government-of-Siaya-CIDP-2023-2027-Final-Print-File-2024.pdf	© County Government of Siaya, all rights reserved: link and cite only (terms)
CIDP-2023-2027	County Integrated Development Plan 2023–2027 (final print file). County Government of Siaya. 2024-01. Period: 2023–2027 (review of 2018–2022).	650a5bdf71c5d4d43247a837752e0c3f2978d4ef53853033566278e7e6be9d0d	https://siaya.go.ke/wp-content/uploads/2026/10/County-Government-of-Siaya-CIDP-2023-2027-Final-Print-File-2024.pdf	All rights reserved (county site footer): link and cite only (terms)
CLIM-01	Siaya County Participatory Climate Risk Assessment (PCRA) Report, 2023. County Government of Siaya, Department of Water, Sanitation, Environment, Natural Resources and Climate Change. 2023 (cover); PDF created 2024-06-19. Period: PCRA ward public participation, 2023.	94ac1729fa29f651b4516ffc35dc676238273f3ef66773249a285111f8898313	https://maarifa.cog.go.ke/sites/default/files/2024-06/Siaya%20County%20PCRA%20Report%20%28revised%20nakuru%29%20FINAL.pdf	No reuse licence stated: link and cite (terms)
GOV-01-PDF	County Government of Siaya, County Integrated Development Plan 2023–2027 (final print file). County Government of Siaya. not stated. Period: 2023–2027.	650a5bdf71c5d4d43247a837752e0c3f2978d4ef53853033566278e7e6be9d0d	https://siaya.go.ke/wp-content/uploads/2026/10/County-Government-of-Siaya-CIDP-2023-2027-Final-Print-File-2024.pdf	© County Government of Siaya, rights reserved; figures citable, not redistributed (terms)
GOV-02-FY2025-26-Q1	County Government of Siaya, Budget Implementation Report for 1st Quarter Ending September 30th 2025. County Government of Siaya (County Treasury). not stated. Period: FY 2025/26, Q1 (July to September 2025).	4260b70e6878ada577ce2846c675dc1d4ec4eb8f02f80ffc0bea326dc407d6de	https://siaya.go.ke/?cgdp_download=31602	© County Government of Siaya, rights reserved; figures citable, not redistributed (terms)
GOV-02-FY2025-26-Q3	County Government of Siaya, Budget Implementation Report for 3rd Quarter Ending March 31st 2026. County Government of Siaya (County Treasury). not stated. Period: FY 2025/26, Q3 (January to March 2026).	6673545008e72d675252dfcaf40908f0853c396fc0f2733683ca1c9873874796	https://siaya.go.ke/?cgdp_download=31595	© County Government of Siaya, rights reserved; figures citable, not redistributed (terms)
GOV-02-FY2025-26-Q4	County Government of Siaya, Budget Implementation Report for 4th Quarter Ending June 30th 2026. County Government of Siaya (County Treasury). not stated. Period: FY 2025/26, Q4 and year to date (to June 2026).	4344ce3966b981e0196b1c81b7a209a294239ccaa473d753b7fc5c85170faaec3	https://siaya.go.ke/?cgdp_download=31593	© County Government of Siaya, rights reserved; figures citable, not redistributed (terms)
GOV-04-CADP-PP	Report on Public Participation in the Siaya County Annual Development Plan (CADP) 2025–2026. County Government of Siaya (Department of Finance and Economic Planning, Directorate of Public Participation and Petitions). 2024-09. Period: CADP FY 2025/26.	fa62a517b5ecf037a8c0022753bd6946dd0279a62a7fee8d240ff49da86da5f7	https://siaya.go.ke/?cgdp_download=31438	© County Government of Siaya, rights reserved; figures citable, not redistributed (terms)
KDHS-2022	Kenya Demographic and Health Survey 2022, Volume 1 [FR380]. Kenya National Bureau of Statistics, Ministry of Health and partners; published by The DHS Program. 2023. Period: Fieldwork February-July 2022.	202dd70451a0bd1d782ddcd104201770e7b17cd25de2719b2191035d2e770111	https://dhsprogram.com/pubs/pdf/FR380/FR380.pdf	The DHS Program terms of use: link and cite (terms)

KEY	TITLE, PUBLISHER, DATE	SHA-256	URL	LICENCE
KNBS-01-PDF	Kenya National Bureau of Statistics, Gross County Product 2025. Kenya National Bureau of Statistics. 2025. Period: 2020–2024 estimates.	412af7c153b065b0e94cd74124274b12fade03554ccccad6ee50789b23661c2c	https://repository.knbs.or.ke/server/api/core/bitstreams/72010f40-cf27-43cc-a5bd-318a9665a62f/content	CC BY-NC 4.0 (stated in the report and the repository record) (terms)
KNBS-02-PDF	Kenya National Bureau of Statistics, Gross County Product 2024. Kenya National Bureau of Statistics. 2024. Period: 2019–2023 estimates.	fe2dff51a6976cbc60d9aeb35b03c8d3fdc4b927de967bb9ba554c5efe4f8ad8	https://repository.knbs.or.ke/server/api/core/bitstreams/a7057585-8e4b-4d07-8c64-418f701710fa/content	CC BY-NC 4.0 (stated in the report and the repository record) (terms)
KNBS-ABS-2015	Siaya County Statistical Abstract 2015. Kenya National Bureau of Statistics. 2015. Period: 2013–2014.	3e7cfa7105a03dc01ef346ad2ea2aea65cd9b9f7c17614cd15fa9f5b56fddb13	https://repository.knbs.or.ke/server/api/core/bitstreams/8d50c7f5-b6c2-4c90-b5d3-a85b8dd7392c/content	CC BY-NC 4.0 (repository record) (terms)
KNBS-CSA-SIAYA-2015	Siaya County Statistical Abstract 2015. Kenya National Bureau of Statistics (data from County Government of Siaya departments of Agriculture, Livestock and Fisheries). 2015. Period: 2013–2014.	3e7cfa7105a03dc01ef346ad2ea2aea65cd9b9f7c17614cd15fa9f5b56fddb13	https://www.maarifa.cog.go.ke/sites/default/files/2026-02/2015-County-Statistical-Abstracts-Siaya.pdf	Copyright KNBS, all rights reserved; "Extracts may be used or published if the source is duly acknowledged" (p.ii) (terms)
MOE-BESB-2014	2014 Basic Education Statistical Booklet. Ministry of Education, Science and Technology. 2015. Period: 2014.	3ebf97e5064f8f0110f4859f4422083e6868ef083c421f1deaaae19751112f7b	https://kicd.ac.ke/wp-content/uploads/2017/10/2014-Basic-Education-Statistical-Booklet.pdf	No licence stated; figures citable, not redistributed (terms)
MOE-BESB-2019	Basic Education Statistical Booklet 2019. Ministry of Education (State Department for Early Learning and Basic Education). 2020. Period: 2019.	a716c61e7f91aff42205cf861e3a5aee81605b3e7e890b9bcb140360a7724a9e	https://s3-eu-west-1.amazonaws.com/s3.sourceafrica.net/documents/120844/Kenya-Basic-Education-Statistical-Booklet-2019.pdf	No licence stated; figures citable, not redistributed (terms)
WASREB-IMPACT-18	Impact: A Performance Report of Kenya's Water Services Sector 2024/2025 (Impact 18). Water Services Regulatory Board (WASREB). 2026-06. Period: FY 2024/25.	93c826ddcf57075968f72814dc9e68cf1f141eec080bccfb7090c928d8d09720	https://wasreb.go.ke/wp-content/uploads/2026/06/Impact-18-Report.pdf	No licence stated; figures citable, not redistributed (terms)
audit-2020-21	Report of the Auditor-General on County Executive of Siaya for the Year Ended 30 June 2021. Office of the Auditor-General. 2022-10-25. Period: FY 2020/21.	45a4bd1d40704369a109a82a02bac38304de0bf2e0b05dfd0632e2391b5e0a6b	https://libraryir.parliament.go.ke/server/api/core/bitstreams/34a55862-85c6-4c3c-9df2-7f0fd6a08c7b/content	No licence stated; figures citable, not redistributed (terms)
audit-2021-22	Report of the Auditor-General on County Executive of Siaya for the Year Ended 30 June 2022. Office of the Auditor-General. 2023. Period: FY 2021/22.	5066633d5c1201362b6a8520460b8d64918ea901294066ffb28a4b26142d2be7	https://libraryir.parliament.go.ke/server/api/core/bitstreams/65a37c0b-e189-4aa0-bfde-f2777b171e69/content	No licence stated; figures citable, not redistributed (terms)
audit-2022-23	Report of the Auditor-General on County Executive of Siaya for the Year Ended 30 June 2023.. Office of the Auditor-General. 2024. Period: FY 2022/23.	9eb4ed9e61ac1d512142b0a0d6c0df3f6e10535da9f0f0995f4b58bb4b0101e3	https://libraryir.parliament.go.ke/server/api/core/bitstreams/bbe0a36b-bb54-443b-9d72-91446d0527f3/content	No licence stated; figures citable, not redistributed (terms)
audit-2023-24	Report of the Auditor-General on County Executive of Siaya for the Year Ended 30 June, 2024. Office of the Auditor-General. 2025-03-05. Period: FY 2023/24.	d467556765db30e52a70ea38d1cb5ffe0dd56022100ec72d240409571fdfbc48	https://libraryir.parliament.go.ke/server/api/core/bitstreams/ff966c32-8411-45f1-b2fb-0ecea70de789/content	No licence stated; figures citable, not redistributed (terms)
audit-2024-25	Report of the Auditor-General on County Executive of Siaya for the Year Ended 30 June 2025. Office of the Auditor-General. 2025-12-09. Period: year to 30 June 2025.	ac77d76f5df088d5ab1f07d4e0b045abeaa752bf60cc8be693bf20d18bfecabe	https://libraryir.parliament.go.ke/items/a8d4bb86-fc16-43f1-b109-97514df5e868	Not stated: link and cite only (terms)
audit-asm-2022-23	Report of the Auditor-General on County Assembly of Siaya for the Year Ended 30 June 2023. Office of the Auditor-General. 2024-02-14. Period: year to 30 June 2023.	f29e0ab2e2893169a6c79fbeb9511bd5d089a568936b75dd8a13920c89dfd6ca	https://libraryir.parliament.go.ke/items/2ffcd198-5520-4407-abcf-a3bba6ebc66e	Not stated: link and cite only (terms)

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audit-asm-2023-24	Report of the Auditor-General on County Assembly of Siaya for the Year Ended 30 June, 2024. Office of the Auditor-General. 2024-12-27. Period: year to 30 June 2024.	4854ae471a643b06f170b333f383a312e0eb7f77d454b0a03246d32466dac3b5	https://libraryir.parliament.go.ke/items/d97ee62e-564b-4a6b-a84a-b66cba4b9883	Not stated: link and cite only (terms)
cob-report-2018-19	Annual County Governments Budget Implementation Review Report FY 2018/19. Office of the Controller of Budget. 2019. Period: FY 2018/19.	7d8c1a0b35e2ca42b53dfa0b6979b4f37c57db61c60e142e727e7b3f29c19798	https://libraryir.parliament.go.ke/server/api/core/bitstreams/ac5966ef-fbc8-4b35-9712-c4b8bd838ebd/content	No licence stated; figures citable, not re-distributed (terms)
cob-report-2020-21	County Governments Budget Implementation Review Report FY 2020/21. Office of the Controller of Budget. 2022-01-25. Period: FY 2020/21.	498e5e003147fbdb7da09c8a9079a1f940a09aa87076673255da3a2c54937868	https://libraryir.parliament.go.ke/server/api/core/bitstreams/fa13464d-84c7-492c-a336-b65c902ddfbe/content	No licence stated; figures citable, not re-distributed (terms)
cob-report-2022-23	Annual County Governments Budget Implementation Review Report FY 2022/23. Office of the Controller of Budget. 2024-04-23. Period: FY 2022/23.	385285d52418d94b8f72379a51dfacbbd4d11f8926840049269fa388dd47d9da	https://libraryir.parliament.go.ke/server/api/core/bitstreams/ea1fa5f7-1c31-4851-aaa3-ad14a40b0fe7/content	No licence stated; figures citable, not re-distributed (terms)
cob-report-2023-24	County Governments Budget Implementation Review Report FY 2023/24. Office of the Controller of Budget. 2024-09-18. Period: FY 2023/24.	7a9690d049576fa1346a54da71f52c1742cdb01e154b99139cd1d445cbd6102f	https://libraryir.parliament.go.ke/server/api/core/bitstreams/8dff45e0-0da9-4344-a141-4bc9c0e411e7/content	No licence stated; figures citable, not re-distributed (terms)
cob-report-2024-25	County Governments Budget Implementation Review Report FY 2024/25. Office of the Controller of Budget. 2025-09-23. Period: FY 2024/25.	b69858e28e2c59de961f39e749e9885462e5608e9db2291b807040cc59a35f5c	https://libraryir.parliament.go.ke/server/api/core/bitstreams/3458a286-34f3-45fd-9d9d-d8215c6f8d11/content	No licence stated; figures citable, not re-distributed (terms)

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10. Snapshot, method and licence

Snapshot ID da3d831b453a identifies the input files below and the review state of every value at the time of printing (review state: 283 provisional, 0 approved, 87 disputed, 0 superseded, 0 withdrawn). How it is computed, the method, the confidence scales and the licence are at How to read these reports (takwimu.netlify.app/reports/method/). This report contains no personal data and names no contractor or individual.

INPUT FILE	SHA-256
data/reviews.json	c9d511495ad60dfa3ea068a7c29087763cfd4b661f9b099d7fd323d3b672e72d
data/siaya-agriculture.json	107bcb546b0ee746230832cf58872cfa053db7543e7b012f5e55a7ef7f708082
data/siaya-climate.json	241d781daa2579da92ec5c92494d46f56a94f8797f8df980305f5fc0c8ff6e6a
data/siaya-economy.json	650193fab4a5855218eeb9e41481ef8a26eb7f46289fd895e351d5c8230e7780
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review state (lib/review-status.js)	c4c5999885c9455aa47d12ef0c98a257d2b6260d2fa60949ac40d55ea54d5c54

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