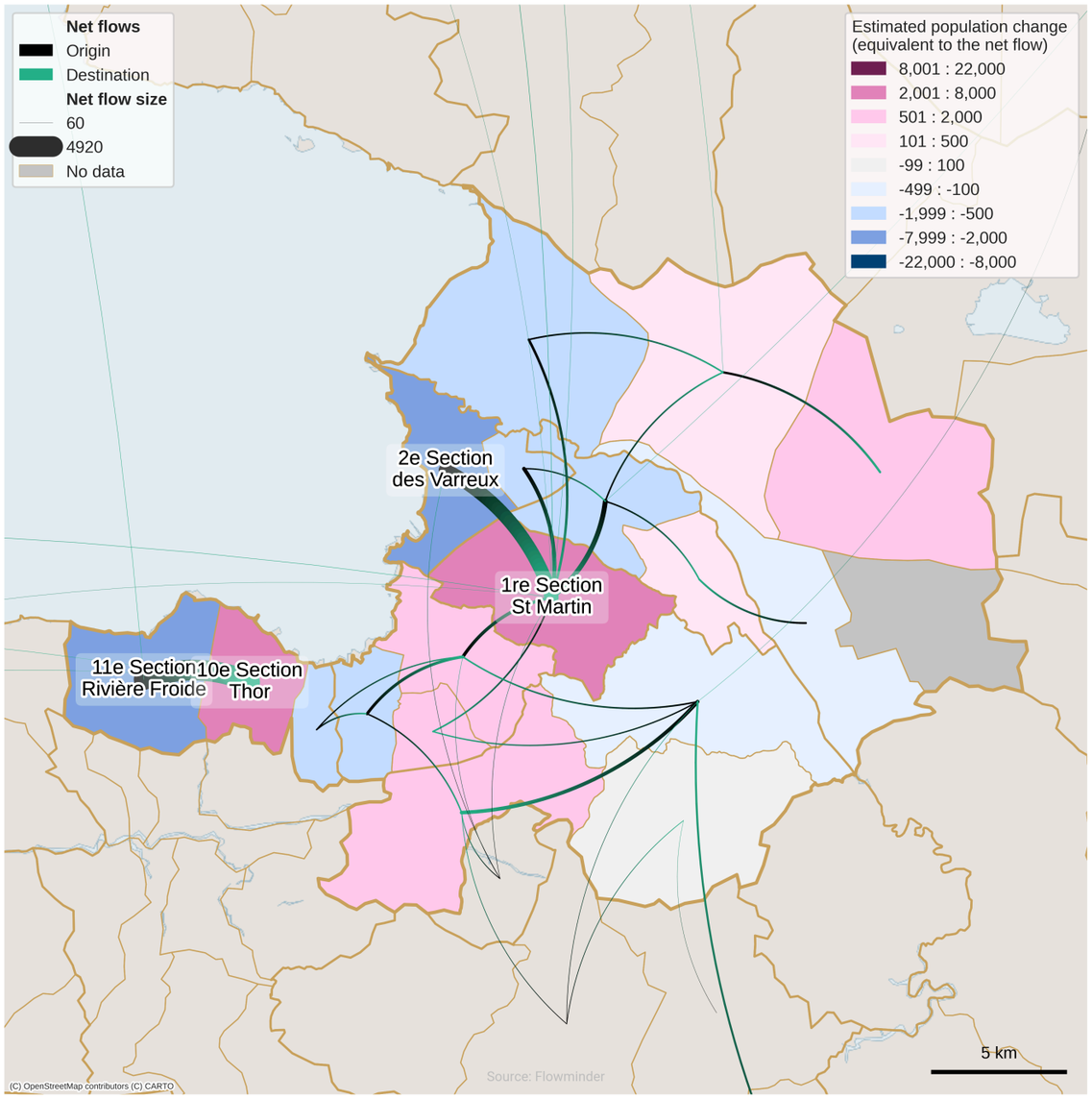
Impact of the Haiti crisis on population mobility

Part 1 | Estimated population change within the Metropolitan Area of Port-au-Prince (ZMPAP) due to mobility, August 2026 to October 2026

Figure 1.1. Estimated population change per communal section in ZMPAP, August 2026 to October 2026



This map shows how mobility leads to changes in ZMPAP population estimates. The number of people moving within, in and out of ZMPAP leads to population growth or decline in each of the ZMPAP communal sections.

A positive net flow (pink areas) indicates population growth (more people moving into the communal section than leaving).

A negative net flow (blue areas) indicates a decrease (more people leaving the communal section than arriving).

Key observations (August 2026 to October 2026)

1. The largest estimated population decreases occurred in 11e Section Rivière Froide in Carrefour (-5,940) and 2e Section des Varreux in Cité Soleil (-3,260), which were mostly due to relocations within the ZMPAP (Table 1.1).
2. The largest population increases were in 1re Section St Martin in Delmas (+6,460) and 10e Section Thor in Carrefour (+3,530) also mainly due to relocations within the ZMPAP. The largest net flow was from 2e Section des Varreux (Cité Soleil) to 1re Section St Martin (Figure 1.1).
3. Generally, population change in communal sections of the ZMPAP has been driven by internal mobility within the ZMPAP (Table 1.1). Net flows with sections outside the ZMPAP were below 600 people in every communal section.

Population changes within sections of ZMPAP can be sudden; to put the latest months into perspective with the last five years, please see page 2. Overall, the population of the ZMPAP decreased slightly from July to October 2026, by 330 people (see p. 3 for mobility between the ZMPAP and the rest of Haiti, and p. 4 for a five-year perspective on population changes in the ZMPAP and in the six other large urban areas). This report uses our v5.1 dataset, which is estimated from all types of mobile phone activity (calls, SMS and data). Estimates for the whole period have been revised and are not directly comparable with those in previous reports. ***Data used in this report can be accessed through https://haiti.mobility-dashboard.org/***

NOTE: Due to partial and low data coverage, estimates may contain biases.

Table 1.1. Estimated population change in ZMPAP communal sections, due to mobility within and outside of the ZMPAP, from August 2026 to October 2026

Commune	Communal section	Population change (= total net flow)	Net flow to ZMPAP sections from other ZMPAP sections	Net flow to ZMPAP sections from outside sections
Carrefour	11e Section Rivière Froide	**-5,940**	-5,660	-280
Cité Soleil	2e Section des Varreux	**-3,260**	-3,060	-200
Tabarre	3e Section Bellevue	**-1,890**	-1,760	-130
Croix-Des-Bouquets	1re Section des Varreux	**-1,720**	-1,530	-190
Cité Soleil	1re Section des Varreux	**-1,260**	-1,200	-60
Carrefour	9e Section Bizoton	**-700**	-560	-140
Port-au-Prince	3e Section Martissant	**-620**	-620	-0
Pétion-Ville	5e Section Bellevue Chardonnière	**-430**	-900	480
Croix-Des-Bouquets	3e Section Petit Bois	**-400**	-420	20
Pétion-Ville	4e Section Bellevue la Montagne	**-50**	-250	200
Croix-Des-Bouquets	2e Section des Varreux	**320**	220	90
Tabarre	4e Section Bellevue	**440**	620	-190
Croix-Des-Bouquets	5e Section Petit Bois	**580**	600	-20
Port-au-Prince	2e Section Morne l'Hopital	**1,440**	870	570
Port-au-Prince	1re Section Turgeau	**1,480**	1,380	110
Pétion-Ville	3e Section Etang du Jonc	**1,710**	1,470	240
Carrefour	10e Section Thor	**3,530**	4,060	-530
Delmas	1re Section St Martin	**6,460**	6,750	-280
Croix-Des-Bouquets	4e Section Petit Bois	**No data**	No data	No data

n = 18 of 19 communal sections with data

The gold column shows the population change per communal section in ZMPAP due to overall mobility. The next column reflects the estimated change from mobility between communal sections within ZMPAP, while the last column shows the estimated change from mobility between a ZMPAP communal section and those outside ZMPAP. Thus, the overall change in population (gold column) is the sum of the two columns to the right.

These mobility estimates come from anonymous mobile phone data. These are not key informant estimates or field observations. If you are unfamiliar with this data source, please read our documentation which can be found at **www.flowgeek.org**

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Published: **23 November 2026**

Impact of the Haiti crisis on population mobility

Part 2 | Estimated population change of the 10 largest communal sections of the ZMPAP due to mobility

Overview of the last ~5 years: January 2022 to October 2026

Figure 2.1. Monthly population estimates: 1re Section Turgeau (January 2022 to October 2026)

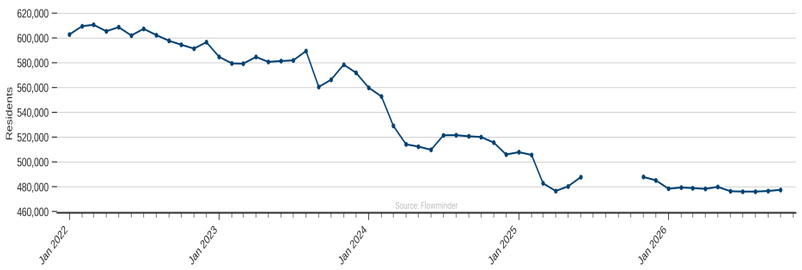


Figure 2.2. Monthly population estimates: 1re Section St Martin (January 2022 to October 2026)

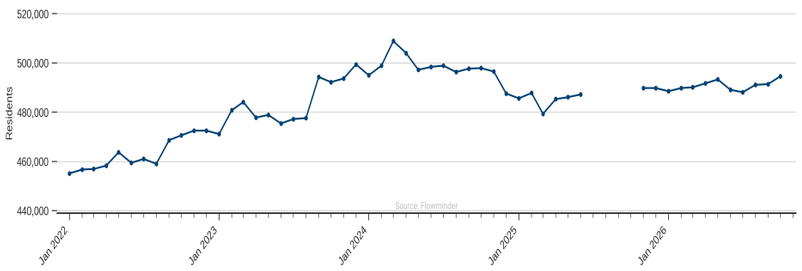


Figure 2.3. Monthly population estimates: 3e Section Martissant (January 2022 to October 2026)

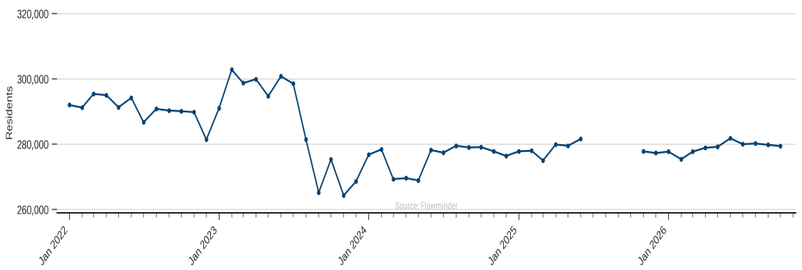


Figure 2.4. Monthly population estimates: 5e Section Bellevue Chardonniere (January 2022 to October 2026)

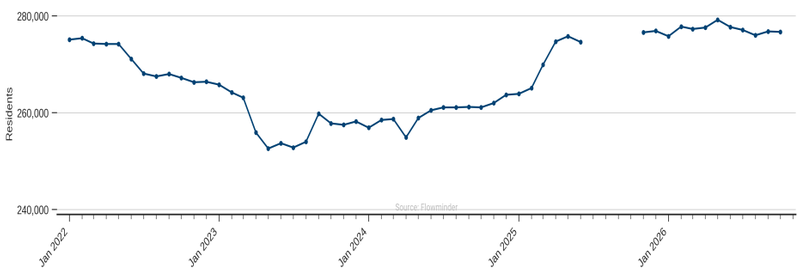


Figure 2.5. Monthly population estimates: 10e Section Thor (January 2022 to October 2026)

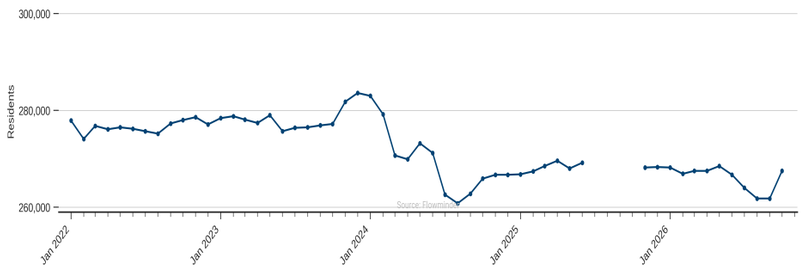


Figure 2.6. Monthly population estimates: 11e Section Riviere Froide (January 2022 to October 2026)

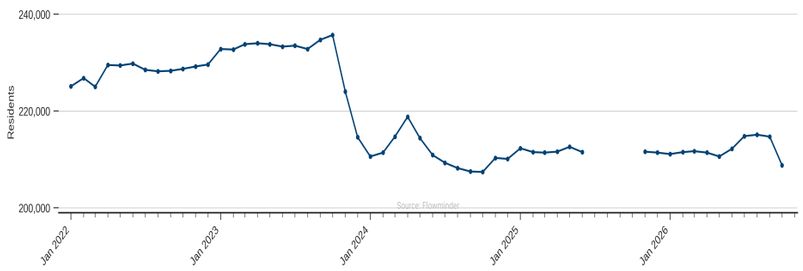


Figure 2.7. Monthly population estimates: 2e Section Morne l'Hopital (January 2022 to October 2026)

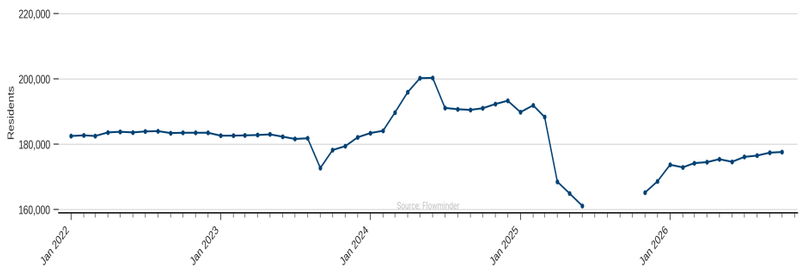
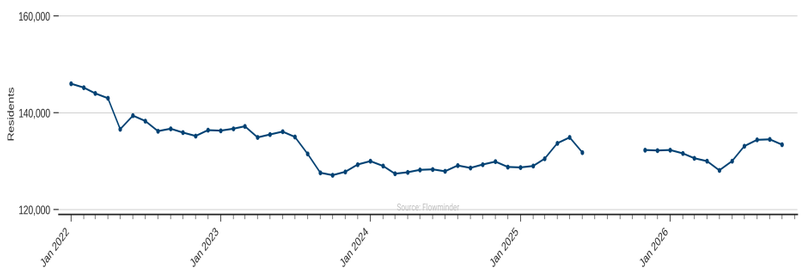


Figure 2.8. Monthly population estimates: 2e Section des Varreux (January 2022 to October 2026)



Key observations (2022 to 2026)

1. The Flowminder-Digicel pipeline was interrupted from June to October 2025, with no data currently available for that period.
2. The estimated population of most communal sections in the ZMPAP remained relatively stable from November 2025 to October 2026. The exceptions are 11e Section Riviere Froide, which decreased in October 2026 (Figure 2.6), and 3e Section Bellevue, which has declined since mid-2026 (Figure 2.10).
3. 1re Section Turgeau lost approximately 100,000 residents between January 2024 and early 2025. Its estimated population has been relatively stable since November 2025.
4. Two sections show an increasing population trend since January 2022: 1re Section St Martin (approximately +40,000 people) and 3e Section Etang du Jonc (approximately +20,000 people).
5. The estimated population of 11e Section Riviere Froide (Carrefour) decreased by more than 20,000 residents from late 2023 to early 2024. It then remained stable until June 2026 followed by an increase in July and a decrease in October 2026.

NOTE: Due to partial and low data coverage, estimates may contain biases.

Figure 2.9. Monthly population estimates: 3e Section Etang du Jonc (January 2022 to October 2026)

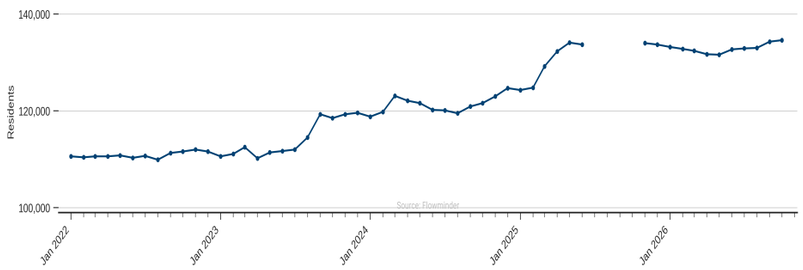
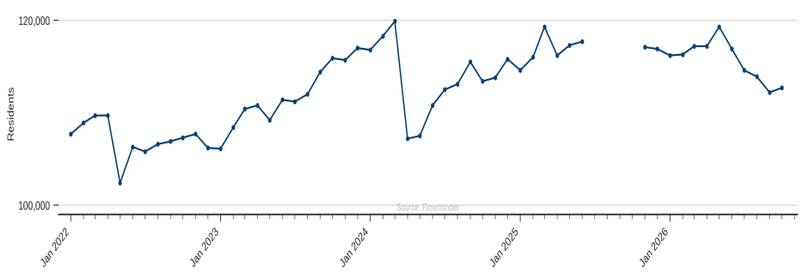


Figure 2.10. Monthly population estimates: 3e Section Bellevue (January 2022 to October 2026)



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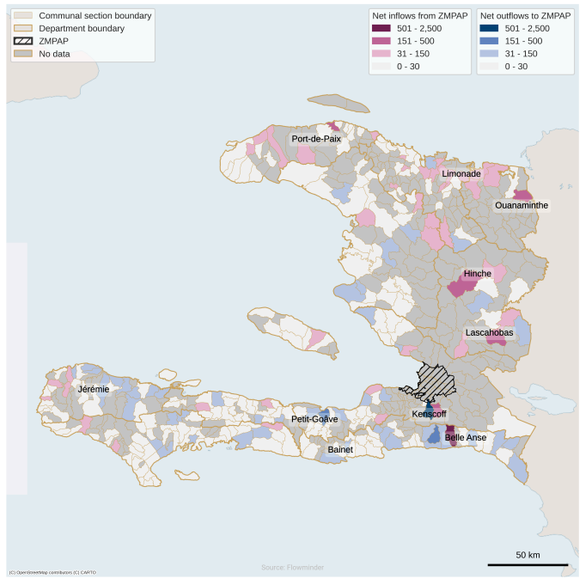
Impact of the Haiti crisis on population mobility

Part 3 | Estimated population change from mobility between the Metropolitan Area of Port-au-Prince (ZMPAP) and the rest of Haiti (April 2026 to October 2026)

Change in the number of ZMPAP residents April 2026 to July 2026 (total net flow) **+940**

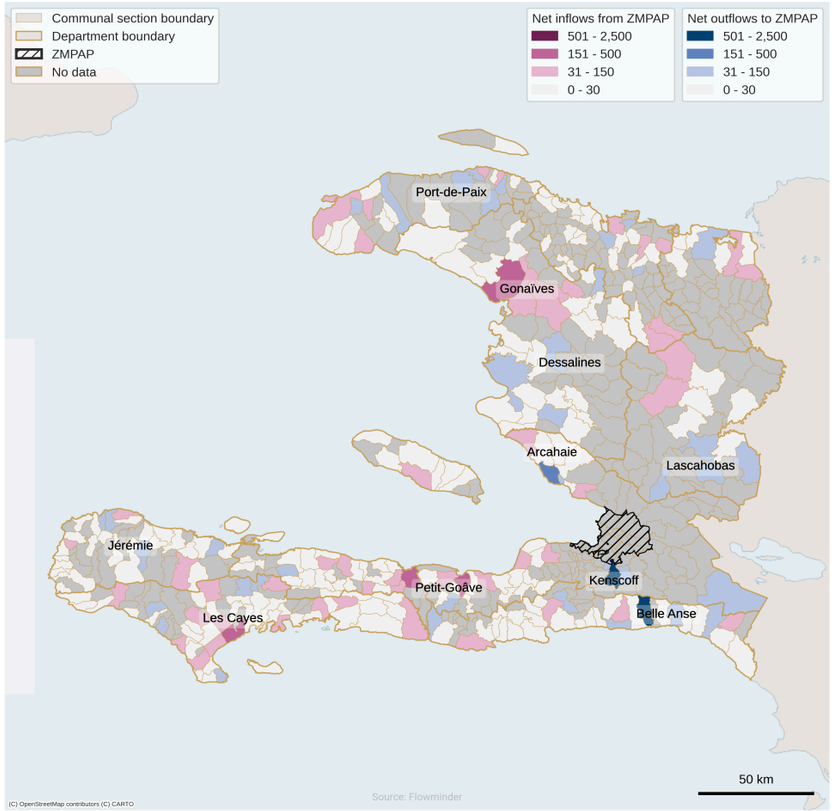
Change in the number of ZMPAP residents July 2026 to October 2026 (total net flow) **-330**

Figure 3.1. Estimated population change from mobility with ZMPAP per communal section, April 2026 to July 2026



These maps only show how the ZMPAP mobility affects population change in a communal section. The areas in pink show population growth from mobility with ZMPAP (positive net flow = more arrivals into the communal section than departures from these communal sections to ZMPAP). The areas in blue show population decline from mobility with ZMPAP (negative net flow = more departures from these communal sections to ZMPAP than arrivals into the communal section from ZMPAP).

Figure 3.2. Estimated population change from mobility with ZMPAP per communal section, July 2026 to October 2026



Key observations (April 2026 to October 2026)

1. The estimated net flow between the ZMPAP and the rest of Haiti remained relatively balanced from April to October 2026, continuing the pattern seen since December 2025. Inflows and outflows remain lower than in 2022–2024 (Figure 3.3).
   a. The estimated population of ZMPAP increased from April to July 2026 (+940)
   b. Then the population decreased slightly from July to October 2026 (-330).
   c. The overall ZMPAP population has fluctuated but trended downward since 2022, only stabilizing in the last 12 months (Figures 3.3, 4.1).
2. From July to October 2026, sections with net inflow from ZMPAP (in pink) were mainly in the communes of Les Cayes, Petit-Goâve, Gonaïves and Miragoâne (Table 3.1, Figure 3.2). Sections with the largest net outflow to ZMPAP (in blue) were in Kenscoff and Belle Anse (Table 3.2, Figure 3.2).
3. The effect of mobility with the ZMPAP on the estimated populations of communal sections elsewhere in Haiti changes over time. From April to July 2026, the majority of mobility was represented as net outflows to ZMPAP in particular to the Tiburon Peninsula (Fig. 3.1 in blue). Then from July to October 2026, there were more communal sections with net inflows from ZMPAP (Fig. 3.2 in pink).

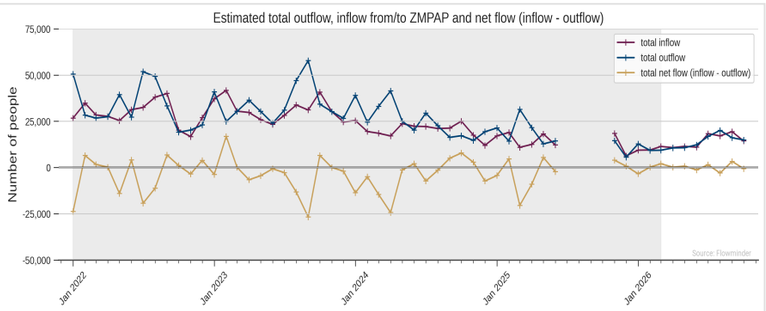
NOTE: Due to partial and low data coverage, estimates may contain biases.

Table 3.1. Communal sections with the largest population increase (net inflow) due to mobility with ZMPAP (July 2026 to October 2026)

Department	Commune	Communal section	Net inflows
Sud	Les Cayes	1re Section Bourdet	350
Ouest	Petit-Goâve	11e Section Ravine Sèche	240
Artibonite	Gonaïves	2e Section Bassin	160
Nippes	Miragoâne	1re Section Chalon	160
Grande'Anse	Jérémie	9e Section Fond Rouge Torbeck	150

Positive net flow = net inflow. The table summarises the communal sections with the largest difference between the number of people who arrived and those who left, in reference to mobility with ZMPAP, showing how many more people arrived in the communal section from ZMPAP than left that section to go to ZMPAP.

Figure 3.3. Estimated population change in ZMPAP due to mobility, from January 2022 to October 2026



Total number of people moving into and out of ZMPAP, leading to population growth when the net flow is positive (= more people moving into the ZMPAP than leaving) or to population decline when the net flow is negative (= more people leaving the ZMPAP than arriving), over the past five years. Total inflows = total number of arrivals. Total outflows = total number of departures.

Table 3.2. Communal sections with the largest population decrease (net outflow) due to mobility with ZMPAP (July 2026 to October 2026)

Department	Commune	Communal section	Net outflows
Ouest	Kenscoff	3e Section Sourcailles	560
Sud-Est	Belle Anse	2e Section Mabriole	530
Ouest	Arcahaie	3e Section des Vases	150
Nord-Ouest	Port-de-Paix	3e Section Aubert	150
Ouest	Kenscoff	5e Section Grand Fond	150

Negative net flow = net outflow (expressed as a positive value). Summarises the communal sections with the largest difference between the number of people who arrived and those who left, in reference to mobility with ZMPAP, showing how many more people left than arrived.

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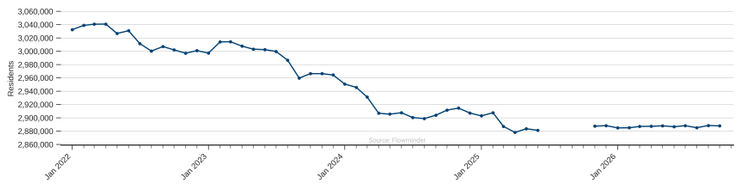
Impact of the Haiti crisis on population mobility

Part 4 | Estimated population change of 7 large urban areas due to mobility

Overview of the last ~5 years: January 2022 to October 2026

~5 year trend in urban population due to mobility within Haiti. The estimated population of the ZMPAP has decreased by approximately 145,000 residents (-4.8%) since January 2022. This downward trend stopped in November 2025, hovering around 2.9 million, and growing slightly since January 2026 (+0.11%).

Figure 4.1. ZMPAP: Monthly population estimates (January 2022 to October 2026)



Number of ZMPAP residents

Date	ZMPAP population
Jan 2022	3032430
Jan 2023	2997220
Jan 2024	2950710
Jan 2025	2902910
Jan 2026	2884750
Oct 2026	2887790

Annual change in ZMPAP residents

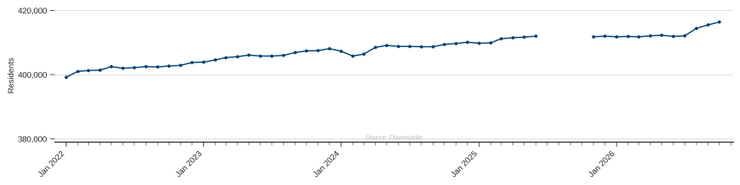
Year	Change in ZMPAP population	% change in ZMPAP population
Jan 2022 - Jan 2023	- 35,210	- 1.16 %
Jan 2023 - Jan 2024	- 46,510	- 1.55 %
Jan 2024 - Jan 2025	- 47,800	- 1.62 %
Jan 2025 - Jan 2026	- 18,160	- 0.63 %
Jan 2026 - Oct 2026	+ 3,040	+ 0.11 %

Key observations (2022 to 2026)

1. The estimated population of ZMPAP has declined overall since January 2022 and remains just below 2.92 million since March 2025. The largest annual decreases were in 2023 and 2024 (-1.55% and -1.62%), and the decline slowed in 2025 (-0.63%).
2. From December 2025 to October 2026, the estimated population of ZMPAP as a whole has remained relatively stable. This reflects reduced observed mobility (lower inflows and outflows) and more balanced mobility (lower net flows) with the rest of Haiti (Fig. 3.3).
3. This overall stability hides larger changes between communal sections within the ZMPAP. For example, from August to October 2026, 1re Section St Martin gained an estimated 6,460 residents and 11e Section Rivière Froide lost 5,940 (pages 1 and 2).
4. In contrast to ZMPAP, the estimated population of the other urban areas increased between January 2022 and October 2026, at varying rates: Les Cayes +11.8%, Jacmel +7.1%, Jérémie +5.2%, Gonaïves +4.3%, Cap-Haïtien +2.8% and Saint-Marc +2.0%.
5. Between January and October 2026, Gonaïves recorded the largest population increase (+4,610; +1.12%). Estimated populations in Saint-Marc and Jérémie decreased slightly (by less than 0.3%), following a period of annual growth.

NOTE: Due to partial and low data coverage, estimates may contain biases.

Figure 4.2. Gonaïves: Monthly population estimates (January 2022 to October 2026)



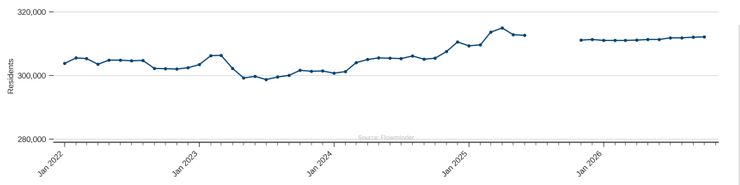
Number of Gonaïves residents

Date	Gonaïves population
Jan 2022	399160
Jan 2023	403940
Jan 2024	407330
Jan 2025	409780
Jan 2026	411770
Oct 2026	416380

Annual change in Gonaïves residents

Year	Change in Gonaïves population	% change in Gonaïves population
Jan 2022 - Jan 2023	+ 4,780	+ 1.20 %
Jan 2023 - Jan 2024	+ 3,390	+ 0.84 %
Jan 2024 - Jan 2025	+ 2,450	+ 0.60 %
Jan 2025 - Jan 2026	+ 1,990	+ 0.49 %
Jan 2026 - Oct 2026	+ 4,610	+ 1.12 %

Figure 4.3. Cap-Haïtien: Monthly population estimates (January 2022 to October 2026)



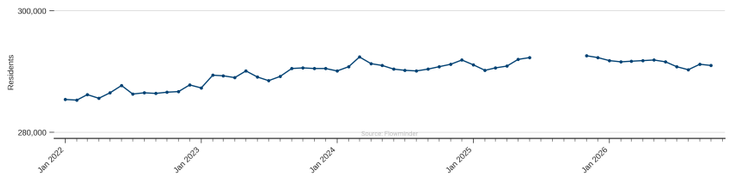
Number of Cap-Haïtien residents

Date	Cap-Haïtien population
Jan 2022	303750
Jan 2023	303380
Jan 2024	300690
Jan 2025	309300
Jan 2026	311040
Oct 2026	312140

Annual change in Cap-Haïtien residents

Year	Change in Cap-Haïtien population	% change in Cap-Haïtien population
Jan 2022 - Jan 2023	- 370	- 0.12 %
Jan 2023 - Jan 2024	- 2,690	- 0.89 %
Jan 2024 - Jan 2025	+ 8,610	+ 2.86 %
Jan 2025 - Jan 2026	+ 1,740	+ 0.56 %
Jan 2026 - Oct 2026	+ 1,100	+ 0.35 %

Figure 4.4. Saint-Marc: Monthly population estimates (January 2022 to October 2026)



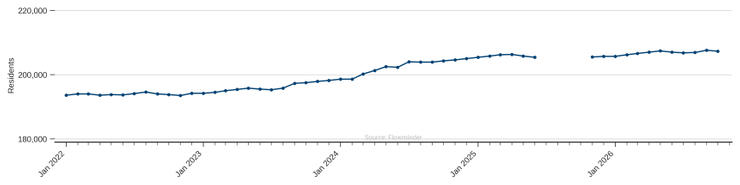
Number of Saint-Marc residents

Date	Saint-Marc population
Jan 2022	285360
Jan 2023	287310
Jan 2024	290070
Jan 2025	291140
Jan 2026	291850
Oct 2026	291050

Annual change in Saint-Marc residents

Year	Change in Saint-Marc population	% change in Saint-Marc population
Jan 2022 - Jan 2023	+ 1,950	+ 0.68 %
Jan 2023 - Jan 2024	+ 2,760	+ 0.96 %
Jan 2024 - Jan 2025	+ 1,070	+ 0.37 %
Jan 2025 - Jan 2026	+ 710	+ 0.24 %
Jan 2026 - Oct 2026	- 800	- 0.27 %

Figure 4.5. Jacmel: Monthly population estimates (January 2022 to October 2026)



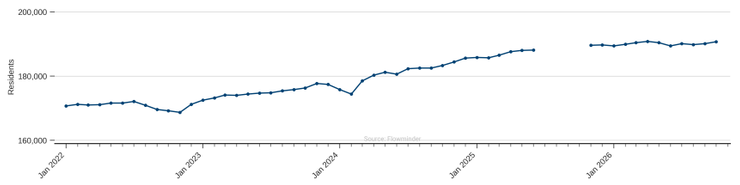
Number of Jacmel residents

Date	Jacmel population
Jan 2022	193600
Jan 2023	194220
Jan 2024	198650
Jan 2025	205440
Jan 2026	205700
Oct 2026	207290

Annual change in Jacmel residents

Year	Change in Jacmel population	% change in Jacmel population
Jan 2022 - Jan 2023	+ 620	+ 0.32 %
Jan 2023 - Jan 2024	+ 4,430	+ 2.28 %
Jan 2024 - Jan 2025	+ 6,790	+ 3.42 %
Jan 2025 - Jan 2026	+ 260	+ 0.13 %
Jan 2026 - Oct 2026	+ 1,590	+ 0.77 %

Figure 4.6. Les Cayes: Monthly population estimates (January 2022 to October 2026)



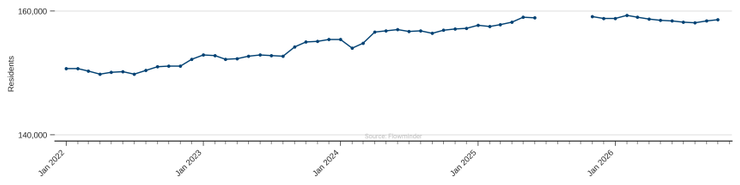
Number of Les Cayes residents

Date	Les Cayes population
Jan 2022	170670
Jan 2023	172530
Jan 2024	175790
Jan 2025	185780
Jan 2026	189430
Oct 2026	190730

Annual change in Les Cayes residents

Year	Change in Les Cayes population	% change in Les Cayes population
Jan 2022 - Jan 2023	+ 1,860	+ 1.09 %
Jan 2023 - Jan 2024	+ 3,260	+ 1.89 %
Jan 2024 - Jan 2025	+ 9,990	+ 5.68 %
Jan 2025 - Jan 2026	+ 3,650	+ 1.96 %
Jan 2026 - Oct 2026	+ 1,300	+ 0.69 %

Figure 4.7. Jérémie: Monthly population estimates (January 2022 to October 2026)



Number of Jérémie residents

Date	Jérémie population
Jan 2022	150730
Jan 2023	152900
Jan 2024	155370
Jan 2025	157730
Jan 2026	158850
Oct 2026	158600

Annual change in Jérémie residents

Year	Change in Jérémie population	% change in Jérémie population
Jan 2022 - Jan 2023	+ 2,170	+ 1.44 %
Jan 2023 - Jan 2024	+ 2,470	+ 1.62 %
Jan 2024 - Jan 2025	+ 2,360	+ 1.52 %
Jan 2025 - Jan 2026	+ 1,120	+ 0.71 %
Jan 2026 - Oct 2026	- 250	- 0.16 %

These mobility estimates come from anonymous mobile phone data. These are not key informant estimates or field observations. If you are unfamiliar with this data source, please read our documentation which can be found at www.flowgeek.org

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Impact of the Haiti crisis on population mobility
Part 5 | About this work
Background & considerations

Authors & funders

This report was authored by the Flowminder Foundation.
This work has been made possible thanks to funding from Haiti's Fund for Economic and Social Assistance (FAES), the Inter-American Development Bank Group (IDB Group), and the William and Flora Hewlett Foundation.

Acknowledgements

This study was made possible thanks to the anonymised (aggregated) mobile phone usage data provided by Digicel Haiti.

Report's data

This report uses our v5.1 dataset (documentation, release notes), available at https://haiti.mobility-dashboard.org.

We welcome feedback to help us improve future reports and requests for specific types of analysis.

Please email info@flowminder.org with any feedback and suggestions, or if you have any specific analytical requirements we can support.

NOTE: The Flowminder-Digicel pipeline was interrupted from June to October 2025, with no data currently available for that period.

NOTE: Due to partial and low population coverage of the data used by Flowminder, the estimates shown in this report may contain biases. Particularly for the departments Artibonite, Centre and North-East and North-West, data is available only for a small number of sections.

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Data privacy & governance

No personal data, such as an individual's identity, demographics, location, contacts or movements, is made available to the government or any other third party at any time. All results produced by Flowminder are aggregated results (for example, subscriber density in a given municipality), which means that they do not contain any information about individual subscribers.

This data is fully anonymised. This approach complies with the European Union's General Data Protection Regulation (EU GDPR 2016/679). Data is processed on a server installed behind the mobile network operator's firewall in Haiti, and no personal data leaves the operator's premises.

Data considerations

The estimates shown are our best current assessment of movements. However, there are a number of uncertainties. The information should be interpreted together with other available evidence.

For more information about our methods, please read our *Methodological report for the Haiti Mobility Data Platform estimates (v5.1)* here.

Data sources

- Pseudonymised mobile phone usage data from Digicel Haiti
- Data products: Flowminder (see haiti.mobility-dashboard.org)

Previous report(s)

Flowminder Foundation, June 2026. Impact of the Haiti crisis on population mobility (01 January 2022 - 31 May 2026)

https://www.flowminder.org/resources/publications-reports/haiti-reports-publications/protracted-crisis-report-impact-of-the-haiti-crisis-on-population-mobility-for-the-period-01-january-2022-31-may-2026

Flowminder Foundation, March 2025. Impact of the Haiti crisis on population mobility (01 January 2020 - 28 February 2025)

https://www.flowminder.org/resources/publications-reports/haiti-reports-publications/protracted-crisis-report-impact-of-the-haiti-crisis-on-population-mobility-01-january-2020-to-28-february-2025

The following citation is required when using the data and information included in this report:

Flowminder Foundation, November 2026. Impact of the Haiti crisis on population mobility (01 January 2022 - 31 October 2026)