

Inter Miami CF: Roster Efficiency & Player Value Report

1. EXECUTIVE SUMMARY

Inter Miami CF demonstrates the strongest roster efficiency profile across all teams analyzed, with the highest percentage of valuable players and a strongly negative average impact. The single greatest strength is the 2024-2025 Designated Player group, where multiple players show elite negative percent change values (-16% to -22%). The most urgent roster need is the 2025 Designated Midfielder (+10.54%), who is actively harmful, and several TAM and senior roster players who show positive percent change.

2. PLAYER ABSENCE IMPACT METRIC

The *Player Absence Impact* metric, derived from the Lasso regression model, quantifies an individual player's marginal contribution to team performance. The process simulates the team's Pythagorean Expectation (PE) score with the player on the roster and then recalculates it after removing that single player.

The resulting **percent change** (% change) is the key indicator:

- **Negative percent change** (e.g., -22.5%) means the team's PE score *decreases* without the player, identifying a **valuable** asset.
- **Positive percent change** means the team's PE score *increases* without the player, identifying a **replaceable** or potentially harmful contract.

This metric allows the front office to evaluate roster construction efficiency by isolating each player's true on-field impact.

3. ROSTER HEALTH OVERVIEW

- **Genuinely Impactful (Percent change < -5.0%): 32.4%** (46 of 142 player-seasons). These players significantly hurt the team if removed – the highest percentage among teams analyzed.
- **Not Impactful / Replaceable (Percent change > 5.0%): 13.4%** (19 of 142 player-seasons). The team performs better without these players.

Team Summary (from team_summary.csv):

- Total player-seasons analyzed: 142
- Percentage of roster that is valuable (percent change < 0): **65.5%** (highest among teams analyzed)
- Average percent change across all players: **-2.23%** (strongly net-negative, meaning on average the team is significantly better with these players – the best among teams analyzed)
- Average impact magnitude: 5.8%

4. DESIGNATED PLAYER ROI AUDIT

Player	Year	Salary	PE % change	Value Verdict
2021 F	2021	\$5,793,750	-1.22%	Core (Marginal)
2021 M	2021	\$3,350,000	+5.61%	Harmful
2021 M	2021	\$1,500,000	+16.20%	Severely Harmful
2022 F	2022	\$5,793,750	-8.47%	Core
2022 M	2022	\$1,500,000	+9.40%	Harmful
2023 F (Intl.)	2023	\$20,446,667	+1.32%	Marginal
2023 F	2023	\$4,391,667	+38.69%	Catastrophic
2023 M (Intl.)	2023	\$1,775,000	+0.39%	Marginal
2024 F (Intl.)	2024	\$20,446,667	-16.38%	Elite Core
2024 M (Intl.)	2024	\$8,774,996	-18.46%	Elite Core
2025 F (Intl.)	2025	\$20,446,667	-22.49%	Elite Core
2025 M (Intl.)	2025	\$8,774,996	+10.54%	Harmful
2025 D (Intl.)	2025	\$6,000,000	-8.22%	Core

- **Flagged (Percent change < 0 - Valuable):** 7 of 13 Designated Player seasons show negative percent change. The 2024-2025 F DP and 2024 M DP are elite.
- **Flagged (Percent change > 0 - Harmful): 6 players** – a significant concern despite the strong core. The 2023 F DP (+38.69%) is the worst among all teams analyzed. The 2025 M DP (+10.54%) is also severely harmful.

5. ALLOCATION MONEY EFFICIENCY (TAM / U22-INITIATIVE)

- **TAM Contributors (Negative Percent change):** TAM players show mixed results but include some elite values. Valuable TAM contributors include a 2022 D TAM (-3.68%), 2023 D TAM (-9.96%, -9.37%), 2024 D TAM (-9.09%, -8.53%, -8.35%), 2024 F TAM (-1.43%), and 2025 D TAM (-1.76%, -1.57%). However, many TAM players show positive percent change: 2024 F TAM (+17.65%), 2024 M TAM (+2.24%), 2025 F TAM (+12.96%, +0.16%), 2025 D TAM (+1.44%).
- **U22-Initiative Impact:** U22 slots are generally effective:
 - 2023 M U22: -0.44% (valuable)
 - 2023 M U22: -0.54% (valuable)
 - 2023 D U22 (Intl.): +4.65% (marginal)
 - 2024 M U22: +2.64% (marginal)
 - 2024 M U22: +0.83% (marginal)

- 2024 D U22 (Intl.): +4.56% (marginal)
- 2024 M U22 (Intl.): -1.07% (valuable)
- 2025 F U22 (Intl.): +2.20% (marginal)
- 2025 D U22 (Intl.): +1.67% (marginal)
- 2025 M U22 (Intl.): -10.62% (elite valuable)

Top 3 TAM "Steals" (Most Negative Percent change):

1. **2023 D TAM** (\$1,250,000, -9.96%)
2. **2023 D TAM** (\$873,750, -9.37%)
3. **2024 D TAM** (\$1,500,000, -9.09%)

6. HOMEGROWN PLAYER EVALUATION

Player	Year	Salary	PE % change
2025 D Homegrown	2025	\$150,000	-6.81%
2025 D Homegrown	2025	\$126,667	-7.00%
2025 M Homegrown	2025	\$112,333	-11.71%
2025 M Homegrown	2025	\$106,000	-11.65%
2024 D Homegrown	2024	\$125,000	-0.78%
2024 M Homegrown	2024	\$106,716	-2.21%
2024 D Homegrown	2024	\$91,383	-0.75%
2024 M Homegrown	2024	\$79,734	-2.13%
2024 M Homegrown	2024	\$71,401	-2.09%
2023 M Homegrown	2023	\$75,693	-0.85%
2023 F Homegrown	2023	\$69,860	-30.31%
2023 M Homegrown	2023	\$69,360	-0.85%
2023 M Homegrown	2023	\$67,360	-0.85%
2022 F Homegrown	2022	\$65,500	-3.95%
2021 F Homegrown	2021	\$63,547	-0.75%

- **Ready for Roster Promotion (Negative Percent change + Low Salary):**
 - **2025 M Homegrown (\$112,333, -11.71%) & (\$106,000, -11.65%):** Elite-level negative impact from low-cost supplemental midfielders.
 - **2025 D Homegrown (\$150,000, -6.81%) & (\$126,667, -7.00%):** Strong negative impact from homegrown defenders.

- **2023 F Homegrown (\$69,860, -30.31%)**: Exceptional value – one of the most impactful players relative to salary in the dataset.

7. INTERNATIONAL SLOT OPTIMIZATION

Player	Year	Pos	Salary	PE % change	Justifies Slot?
2023 F	2023	F	\$20,446,667	+1.32%	Marginal
2023 M	2023	M	\$1,775,000	+0.39%	No
2023 D TAM	2023	D	\$1,250,000	-9.96%	Yes
2023 D U22	2023	D	\$387,500	+4.65%	No
2024 F	2024	F	\$20,446,667	-16.38%	Yes
2024 M	2024	M	\$8,774,996	-18.46%	Yes
2024 D TAM	2024	D	\$1,500,000	-9.09%	Yes
2024 F TAM	2024	F	\$1,500,000	+17.65%	No
2024 D TAM	2024	D	\$1,000,000	-8.53%	Yes
2024 D U22	2024	D	\$412,496	+4.56%	No
2024 D	2024	D	\$384,708	+4.59%	No
2024 D TAM	2024	D	\$289,839	+4.91%	No
2024 M U22	2024	M	\$255,000	-1.07%	Yes
2024 GK	2024	GK	\$89,716	-0.35%	Yes
2025 F	2025	F	\$20,446,667	-22.49%	Yes
2025 M	2025	M	\$8,774,996	+10.54%	No
2025 D	2025	D	\$6,000,000	-8.22%	Yes
2025 F TAM	2025	F	\$1,500,000	+12.96%	No
2025 F TAM	2025	F	\$1,000,000	+0.16%	No
2025 D TAM	2025	D	\$839,839	-1.76%	Yes
2025 D TAM	2025	D	\$818,250	-1.57%	Yes
2025 GK	2025	GK	\$744,000	-4.12%	Yes
2025 D	2025	D	\$734,708	+0.59%	No
2025 F U22	2025	F	\$547,078	+2.20%	No
2025 F	2025	F	\$527,885	+2.20%	No
2025 D TAM	2025	D	\$524,250	+1.44%	No
2025 D U22	2025	D	\$467,492	+1.67%	No
2025 M	2025	M	\$440,000	-9.42%	Yes
2025 M U22	2025	M	\$335,000	-10.62%	Yes

Player	Year	Pos	Salary	PE % change	Justifies Slot?
2025 M	2025	M	\$83,647	-11.66%	Yes

- **Flagged Slot Misuse (Percent change > 5%):**
 - 2024 F TAM (\$1.50M, +17.65%) – severe TAM slot misuse
 - 2025 F TAM (\$1.50M, +12.96%) – severe TAM slot misuse
 - 2025 M DP (\$8.77M, +10.54%) – DP slot misuse

8. POSITIONAL DEPTH AUDIT

Position	Senior Count	Supplemental Count	Critical Upgrade Need?	Strength Area?
F (Forward)	17	7	No	Yes (2024-2025 DPs are elite; homegrown forwards provide exceptional value)
M (Midfielder)	17	7	Yes	No (2025 M DP is harmful; U22 midfielders are excellent; homegrown midfielders strong)
D (Defender)	18	5	No	Yes (TAM defenders consistently valuable; homegrown defenders strong)
GK (Goalkeeper)	6	4	No	Yes (Most GKs show negative impact; 2025 GK shows -4.12%)

- **Critical Need:** Midfielder position at the DP level. The 2025 M DP (+10.54%) is a significant problem. TAM and U22 midfielders are generally effective.
- **Strength:** Forward position is an organizational strength, with elite DP production and exceptional homegrown value. Defender position also shows consistent value.

9. SALARY vs. VALUE MATRIX

Quadrant	Definition	Players (Top 5 or All)
CORE ASSET	% change < 0 & Salary > \$500K	2025 F DP (\$20.45M, -22.49%), 2024 F DP (\$20.45M, -16.38%), 2024 M DP (\$8.77M, -18.46%), 2025 D DP (\$6.00M, -8.22%), 2023 D TAM (\$1.25M, -9.96%)
HIDDEN GEM	% change < 0 & Salary ≤ \$500K	2023 F Homegrown (\$70K, -30.31%), 2025 M U22 (\$335K, -10.62%), 2025 M (\$440K, -9.42%), 2025 M (\$84K, -11.66%), 2025 M Homegrown (\$112K, -11.71%)
OVERPAID	% change ≥ 0 & Salary > \$500K	All in this quadrant: 2023 F DP (\$4.39M, +38.69%), 2024 F TAM (\$1.50M, +17.65%), 2025 F TAM (\$1.50M, +12.96%), 2025 M DP (\$8.77M, +10.54%), 2021 M DP (\$3.35M, +5.61%), 2021 M DP (\$1.50M, +16.20%), 2022 M DP (\$1.50M, +9.40%), 2024 M TAM (\$1.09M, +2.24%), 2025 F TAM (\$1.00M, +0.16%)
REPLACEABLE	% change ≥ 0 & Salary ≤ \$500K	Several senior defenders and midfielders with marginal positive percent change, some U22 players, and a portion of the supplemental roster.

10. YEAR-OVER-YEAR TRENDS

- **Designated Player ROI: Dramatic improvement.** 2021-2023 DPs were mostly harmful (-1.2% to +38.7%). 2024-2025 DPs are elite (-16% to -22%) with the exception of the 2025 M DP (+10.54%). This represents a significant strategic shift in DP targeting.
- **TAM Efficiency: Bimodal.** Some TAM players are elite (-9% to -10%). Others are severely harmful (+13% to +18%). This suggests inconsistent scouting or negotiation at the TAM level.
- **U22 Efficiency: Excellent.** Most U22 players show negative percent change, with several exceeding -10% impact. This is a clear organizational strength.
- **Homegrown Impact: Exceptional.** Inter Miami has the strongest homegrown player performance among teams analyzed. Multiple homegrown players show elite negative impacts (-11% to -30%) at minimal salaries. This is a best-in-class organizational strength.

- **Goalkeeper Trend: Consistently valuable.** Across 2021-2025, most goalkeepers show negative percent change, indicating good scouting and development at this position.

11. SUMMARY FIGURES

Figure 1 - Designation Analysis
(Negative % = Team Gets Worse Without Player = Valuable Player)

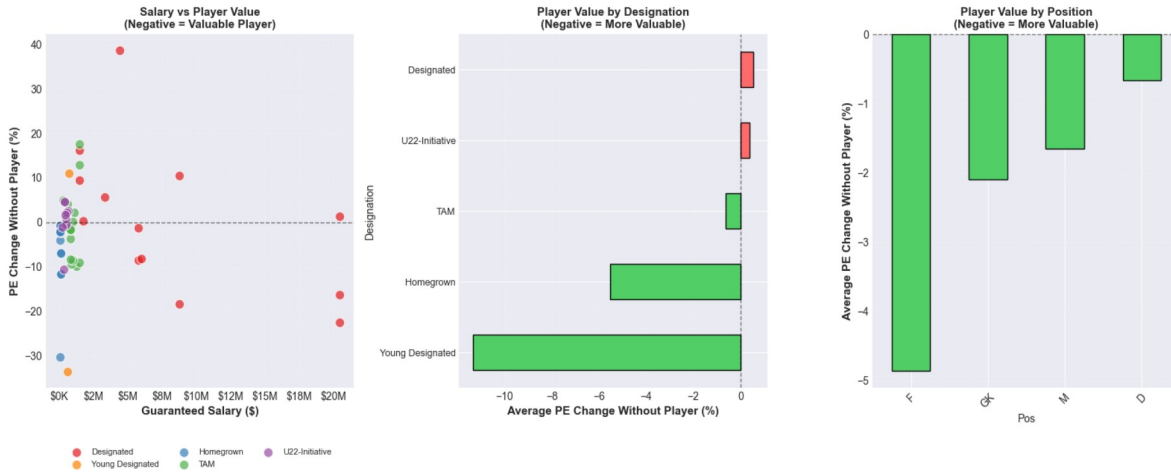


Figure 2 - International Analysis
(Negative % = Team Gets Worse Without Player = Valuable Player)

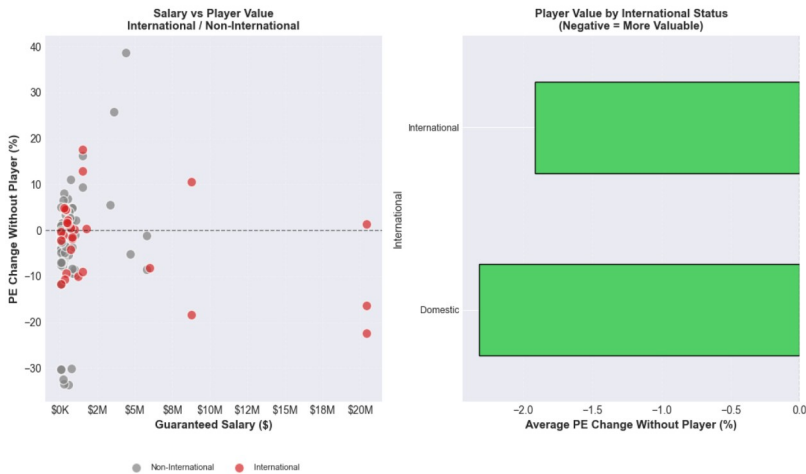


Figure 3 - Senior/Supplemental Analysis
(Negative % = Team Gets Worse Without Player = Valuable Player)

