Chicken Road 2.0

# Chicken Road 2.0 RTP, Multipliers and Mathematics

RTP and mathematics

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# Main configuration parameters

| Parameter | Condition and value |
|---|---|
| Configuration RTP | 95,5% for the active saved configuration and the official card. |
| Other available RTP | In the build, separately 97% and 98%, with their own tables; the value depends on the launch parameter. |
| Volatility | Easy → Hardcore with increasing risk at transitions and multiplier potential; difficulty selection before Play. |
| Field | Easy 30 lanes, 1,01–23,24×; Medium 25 lanes, 1,08–2 457×; Hard 22 lanes, 1,18–62 162,09×; Hardcore 18 lanes, 1,44–3 608 855,25× |
| Way of winning | One bet, consecutive safe transitions, manual Cash out or zero settlement on collision. |
| Minimum combination | The player can stop after the first safe lane; slot combinations are not involved. |
| Wild | Wild is absent in the step-crash cycle. The role of payouts is set by the safe lane. |
| Scatter | Scatter is absent; launching Play requires a regular bet. |
| Cascades | Cascades are not involved; Go is a continuation of the same accepted round. |
| Bonus round | There is no separate internal bonus round in the selected mode. Operator rewards have their own offer. |
| Bonus buy | Buying a game feature is not part of the selected mode. The budget is debited at the regular bet. |
| Ante mode | Ante is not involved; the gross risk amount equals one accepted bet. |
| Minimum bet | 0,12–200 USD in the saved demo; 0,01/0,1 occur only in individual catalog contexts.; NV Casino — 0,55 PLN–56,00 PLN per episode profile; Stake — limits of the money mode are not shown from PL; Total Casino — 0,60 PLN–62,25 PLN per episode profile; Ice Casino — 0,64 PLN–56,75 PLN per episode profile; Bison Casino — limits of the money mode are not shown from PL; Mostbet — 0,41 EUR–35,75 EUR per episode profile; 22bet — 0,32 EUR–36,75 EUR per episode profile; Bitguruz — 0,21 EUR–35,25 EUR per episode profile |
| Maximum bet | 0,12–200 USD in the saved demo; 0,01/0,1 occur only in individual catalog contexts.; NV Casino — 0,55 PLN–56,00 PLN per episode profile; Stake — limits of the money mode are not shown from PL; Total Casino — 0,60 PLN–62,25 PLN per episode profile; Ice Casino — 0,64 PLN–56,75 PLN per episode profile; Bison Casino — limits of the money mode are not shown from PL; Mostbet — 0,41 EUR–35,75 EUR per episode profile; 22bet — 0,32 EUR–36,75 EUR per episode profile; Bitguruz — 0,21 EUR–35,25 EUR per episode profile |
| Maximum multiplier | 3 608 855,25× on the last Hardcore in the table 95,5%. |
| Monetary win limit | 20 000 USD per paid round of the saved USD demo.; NV Casino — 24 500,00 PLN; Stake — money round limit not applied; Total Casino — 23 250,00 PLN; Ice Casino — 26 875,00 PLN; Bison Casino — money round limit not applied; Mostbet — 13 750,00 EUR; 22bet — 13 625,00 EUR; Bitguruz — 11 750,00 EUR |

| Parameter | Condition and value |
|---|---|
| Jackpot | The payout is fixed by the step table and the per-round cap; a progressive jackpot is not provided for this version in the catalog card. |
| Paytable | Hard: 1,18× → 1,46× → 1,83× → 2,31× → 2,95× → 3,82× → 5,02×. At 3 USD this is respectively 3,54; 4,38; 5,49; 6,93; 8,85; 11,46; 15,06 USD. The full sequences 95,5%, 97% and 98% are contained in the base game rules. |
| Autoplay | In the selected demo route, execution is manual. Space is the step command key; autoplay, auto-cashout and autorepeat are not included in this route. |
| Min. bet | 0,12 USD in the saved InOut demo. NV Casino — 0,55 PLN–56,00 PLN per episode profile; Stake — limits of the money mode are not shown from PL; Total Casino — 0,60 PLN–62,25 PLN per episode profile; Ice Casino — 0,64 PLN–56,75 PLN per episode profile; Bison Casino — limits of the money mode are not shown from PL; Mostbet — 0,41 EUR–35,75 EUR per episode profile; 22bet — 0,32 EUR–36,75 EUR per episode profile; Bitguruz — 0,21 EUR–35,25 EUR per episode profile |
| Max. bet | 200 USD in the saved InOut demo. NV Casino — 0,55 PLN–56,00 PLN per episode profile; Stake — limits of the money mode are not shown from PL; Total Casino — 0,60 PLN–62,25 PLN per episode profile; Ice Casino — 0,64 PLN–56,75 PLN per episode profile; Bison Casino — limits of the money mode are not shown from PL; Mostbet — 0,41 EUR–35,75 EUR per episode profile; 22bet — 0,32 EUR–36,75 EUR per episode profile; Bitguruz — 0,21 EUR–35,25 EUR per episode profile |
| Where to view RTP | 95,5% in the InOut card, the saved launch configuration and the table of the corresponding steps. The built-in variants 97%/98% are stored as separate grids. |
| Bets and payout | 0,12–200 USD in the saved demo; 0,01/0,1 occur only in individual catalog contexts. 20 000 USD per paid round of the saved USD demo. NV Casino — 0,55 PLN–56,00 PLN per episode profile; Stake — limits of the money mode are not shown from PL; Total Casino — 0,60 PLN–62,25 PLN per episode profile; Ice Casino — 0,64 PLN–56,75 PLN per episode profile; Bison Casino — limits of the money mode are not shown from PL; Mostbet — 0,41 EUR–35,75 EUR per episode profile; 22bet — 0,32 EUR–36,75 EUR per episode profile; Bitguruz — 0,21 EUR–35,25 EUR per episode profile. |
| Scatter and Wild | Step crash has no Wild or Scatter; the chicken shows the position, the car the collision, the payout is determined by the step. |

## Configuration settings and probability calculation

| Parameter | Condition and value |
|---|---|
| Owner of configuration selection | The launch receives configuration from the operator and provider; the player selects difficulty while staying within the assigned RTP profile. |
| Condition for switching between configurations | The configuration is determined on a fresh launch. Changing the risk on the screen before Play selects a different sequence of the same configuration. |
| Transition counter value | There is no separate counter for switching RTP. The current round counter is 0 to 30/25/22/18 depending on difficulty. |

| Parameter | Condition and value |
|---|---|
| Period and moment of counter reset | The progress of the current road is reset when the paid cycle ends; a launch of a new configuration receives its own profile. |
| Edge by selected RTP | 95,5% → 4,5 p.p.; 97% → 3 p.p.; 98% → 2 p.p. before accounting for the cap in the calculation example. |
| Definition of the random event | When calculating a fixed target — the selected band was reached before a collision and the stop was confirmed. |
| Calculated probability of the event | 52,1858% for Hard 3 by the formula p=RTP/m. This is a confirmed probability calculated from 95,5% under the approved methodology. |
| Scope of the cap | 20 000 USD per paid round of the saved USD demo.; the cap rule applies to the full gross of one paid cycle before rounding. |
| Round dependency | Independent uniform numbers are used in the calculation; the logs store the confirmed actual sequence. |
| Price of a money grid step | 0,01 USD in the saved-currency calculation; 0,01 PLN/EUR in the money scenarios according to their wallet. |
| Payout rounding rule | min(bet × accepted multiplier, cap), then rounding to 0,01 in the wallet currency. |
| Bet range and step | 0,12–200 USD and money step 0,01 for the demo calculation; PLN/EUR limits depend on the profile. NV Casino — 0,55 PLN–56,00 PLN by episode profile; Stake — money-mode limits not shown from PL; Total Casino — 0,60 PLN–62,25 PLN by episode profile; Ice Casino — 0,64 PLN–56,75 PLN by episode profile; Bison Casino — money-mode limits not shown from PL; Mostbet — 0,41 EUR–35,75 EUR by episode profile; 22bet — 0,32 EUR–36,75 EUR by episode profile; Bitguruz — 0,21 EUR–35,25 EUR by episode profile |
| Max multiplier or payout | Hardcore maximum 3 608 855,25× in the 95,5% grid; cap 20 000 USD in the saved launch. For Chicken X 10 000×, Circus Launch and Crash 5 000× according to catalog cards. |

## Risk of one panel and outcome variants

| Parameter | Condition and value |
|---|---|
| Total amount at risk | 3,55 PLN in CR2-NV-R01; total risk of one panel. |
| Outcome class boundaries | For Hard 3 52,1858% for reaching the target and 47,8142% for stopping before it. There is no second panel class. |
| Bet ratio for zero average | There is no pair of bets within a round. With a single wager, a zero expectation before cap would require p=1/m; the approved calculation is p=0,955/m. |
| Expected net result of the selected events | For a 1 PLN bet on Hard 3, the expected gross is 0,955 PLN and net −0,045 PLN before rounding and cap. |
| Risk per attempt | On a single attempt the bet is fully at risk. In the Hard 3 calculation, the probability of a confirmed target exit is 52,1858%; EV −0,045 PLN per 1 PLN before cap/rounding. |

| Parameter | Condition and value |
|---|---|
| Expected result | For 100 turnover at 95,5%, expected loss is 4,50 units before cap. Monte Carlo policies: Fixed — -6,95 PLN; Bank share — -6,78 PLN; Linear — -8,54 PLN; Geometric — -8,65 PLN; Recovery — -8,43 PLN; Increase after win — -8,07 PLN; Reset after two payouts — -7,34 PLN; Pauses and stop — -2,97 PLN. |

## Operator funds and RTP

| Parameter | Condition and value |
|---|---|
| Jackpot launch stage | There is no progressive jackpot in the current cycle. The full cycle closes with the settlement of a regular bet. |
| Scope of the shared jackpot fund | The game config has no shared jackpot fund; the operator campaign defines its own fund and scope. |
| Rule for including the jackpot in RTP | The theoretical RTP 95,5% relates to this game profile; the contribution of a separate operator fund is not attributed to this configuration. |

## Full built-in multiplier sequences

The saved client build contains sequences for three RTP configurations: 95.5%, 97% and 98%. In all of them the sequence lengths equal 30/25/22/18. The configuration of this session is 95.5%; the Hard steps shown in the images from 1.18× to 60.21× and the subsequent visible multipliers match its built-in table.

This is client build data. The full server table for the round's configuration is confirmed; the multipliers of the other RTPs are not declared active for this session. The built-in high final multiplier does not override the displayed payout limit of 20 000 USD. The "—" symbol means that the sequence for that difficulty has already ended.

### RTP 95.5% — configuration of the saved session

| Lane | Easy, × | Medium, × | Hard, × | Hardcore, × |
|---|---|---|---|---|
| 1 | 1.01 | 1.08 | 1.18 | 1.44 |
| 2 | 1.03 | 1.21 | 1.46 | 2.21 |
| 3 | 1.06 | 1.37 | 1.83 | 3.45 |
| 4 | 1.10 | 1.56 | 2.31 | 5.53 |
| 5 | 1.15 | 1.78 | 2.95 | 9.09 |
| 6 | 1.19 | 2.05 | 3.82 | 15.30 |
| 7 | 1.24 | 2.37 | 5.02 | 26.78 |
| 8 | 1.30 | 2.77 | 6.66 | 48.70 |

| Lane | Easy, × | Medium, × | Hard, × | Hardcore, × |
|---|---|---|---|---|
| 9 | 1.35 | 3.24 | 9.04 | 92.54 |
| 10 | 1.42 | 3.85 | 12.52 | 185.08 |
| 11 | 1.48 | 4.62 | 17.74 | 391.25 |
| 12 | 1.56 | 5.61 | 25.80 | 894.28 |
| 13 | 1.65 | 6.91 | 38.71 | 2235.72 |
| 14 | 1.75 | 8.64 | 60.21 | 6096.15 |
| 15 | 1.85 | 10.99 | 97.34 | 18960.33 |
| 16 | 1.98 | 14.29 | 166.87 | 72432.75 |
| 17 | 2.12 | 18.96 | 305.94 | 379632.82 |
| 18 | 2.28 | 26.07 | 595.86 | 3608855.25 |
| 19 | 2.47 | 37.24 | 1283.03 | — |
| 20 | 2.70 | 53.82 | 3267.64 | — |
| 21 | 2.96 | 82.36 | 10898.54 | — |
| 22 | 3.28 | 137.59 | 62162.09 | — |
| 23 | 3.70 | 265.35 | — | — |
| 24 | 4.11 | 638.82 | — | — |
| 25 | 4.64 | 2457.00 | — | — |
| 26 | 5.39 | — | — | — |
| 27 | 6.50 | — | — | — |
| 28 | 8.36 | — | — | — |
| 29 | 12.08 | — | — | — |
| 30 | 23.24 | — | — | — |

## RTP 97% — alternative built-in configuration

| Lane | Easy, × | Medium, × | Hard, × | Hardcore, × |
|---|---|---|---|---|
| 1 | 1.00 | 1.08 | 1.19 | 1.45 |
| 2 | 1.03 | 1.22 | 1.47 | 2.22 |
| 3 | 1.07 | 1.38 | 1.84 | 3.47 |
| 4 | 1.11 | 1.57 | 2.32 | 5.56 |

| Lane | Easy, × | Medium, × | Hard, × | Hardcore, × |
|---|---|---|---|---|
| 5 | 1.15 | 1.79 | 2.97 | 9.13 |
| 6 | 1.20 | 2.06 | 3.84 | 15.46 |
| 7 | 1.25 | 2.38 | 5.05 | 27.06 |
| 8 | 1.30 | 2.78 | 6.73 | 49.21 |
| 9 | 1.36 | 3.27 | 9.13 | 93.50 |
| 10 | 1.43 | 3.89 | 12.65 | 187.01 |
| 11 | 1.50 | 4.67 | 17.92 | 397.39 |
| 12 | 1.58 | 5.67 | 26.07 | 908.33 |
| 13 | 1.67 | 6.98 | 39.11 | 2270.83 |
| 14 | 1.76 | 8.73 | 60.84 | 6292.79 |
| 15 | 1.87 | 11.11 | 98.87 | 20238.60 |
| 16 | 2.00 | 14.44 | 169.49 | 80102.10 |
| 17 | 2.14 | 19.25 | 310.74 | 435875.00 |
| 18 | 2.31 | 26.48 | 615.08 | 4311879.00 |
| 19 | 2.50 | 37.83 | 1369.52 | — |
| 20 | 2.73 | 56.74 | 3613.62 | — |
| 21 | 3.00 | 89.85 | 12513.20 | — |
| 22 | 3.34 | 155.61 | 74271.60 | — |
| 23 | 3.75 | 307.94 | — | — |
| 24 | 4.29 | 761.67 | — | — |
| 25 | 5.01 | 3013.92 | — | — |
| 26 | 5.95 | — | — | — |
| 27 | 7.36 | — | — | — |
| 28 | 9.71 | — | — | — |
| 29 | 14.41 | — | — | — |
| 30 | 28.52 | — | — | — |

## RTP 98% — alternative built-in configuration

| Lane | Easy, × | Medium, × | Hard, × | Hardcore, × |
|---|---|---|---|---|
| 1 | 1.01 | 1.09 | 1.20 | 1.47 |
| 2 | 1.04 | 1.23 | 1.48 | 2.24 |
| 3 | 1.08 | 1.39 | 1.86 | 3.51 |
| 4 | 1.12 | 1.58 | 2.35 | 5.62 |
| 5 | 1.16 | 1.81 | 3.00 | 9.23 |
| 6 | 1.21 | 2.08 | 3.88 | 15.62 |
| 7 | 1.26 | 2.41 | 5.10 | 27.34 |
| 8 | 1.32 | 2.81 | 6.80 | 49.72 |
| 9 | 1.38 | 3.31 | 9.23 | 94.46 |
| 10 | 1.44 | 3.93 | 12.78 | 188.93 |
| 11 | 1.51 | 4.72 | 18.11 | 401.49 |
| 12 | 1.59 | 5.73 | 26.34 | 917.70 |
| 13 | 1.68 | 7.05 | 39.51 | 2294.25 |
| 14 | 1.78 | 8.82 | 61.47 | 6358.35 |
| 15 | 1.89 | 11.22 | 99.89 | 20451.6 |
| 16 | 2.02 | 14.59 | 171.24 | 80954.3 |
| 17 | 2.17 | 19.45 | 313.95 | 440562.00 |
| 18 | 2.33 | 26.75 | 621.49 | 4358747.00 |
| 19 | 2.53 | 38.22 | 1383.94 | — |
| 20 | 2.76 | 57.33 | 3652.07 | — |
| 21 | 3.03 | 90.79 | 12647.70 | — |
| 22 | 3.37 | 157.24 | 75078.90 | — |
| 23 | 3.79 | 311.22 | — | — |
| 24 | 4.34 | 769.86 | — | — |
| 25 | 5.06 | 3046.68 | — | — |
| 26 | 6.01 | — | — | — |
| 27 | 7.44 | — | — | — |
| 28 | 9.81 | — | — | — |
| 29 | 14.57 | — | — | — |

| Lane | Easy, × | Medium, × | Hard, × | Hardcore, × |
|---|---|---|---|---|
| 30 | 28.83 | — | — | — |

## RTP and math — Key parameters

| Parameter | Value |
|---|---|
| Game and configuration | Chicken Road 2.0, InOut Games, chicken-road-two, Game rules window 1.0.0. Main grid of the saved launch 95,5%. |
| Base or active RTP | 95,5% for the active saved configuration and the official card. |
| RTP variants | In the build, separately 97% and 98%, with their own tables; the value depends on the launch parameter. |
| Where to view RTP | 95,5% in the InOut card, the saved launch configuration and the table of the corresponding steps. The built-in variants 97%/98% are stored as separate grids. |
| House edge | 95,5% → 4,5 p.p.; 97% → 3 p.p.; 98% → 2 p.p. before accounting for the cap in the calculation example. |
| Volatility and risk | Easy → Hardcore with increasing risk at transitions and multiplier potential; difficulty selection before Play. |
| Frequency / probability | 52,1858% for Hard 3 per formula p=RTP/m. This is a confirmed probability calculated from 95,5%. |
| Bet range and step | 0,12–200 USD and cash step 0,01 for demo calculation; PLN/EUR limits depend on the profile. NV Casino — 0,55 PLN–56,00 PLN per episode profile; Stake — cash mode closed for PL; Total Casino — 0,60 PLN–62,25 PLN per episode profile; Ice Casino — 0,64 PLN–56,75 PLN per episode profile; Bison Casino — cash mode closed for PL; Mostbet — 0,41 EUR–35,75 EUR per episode profile; 22bet — 0,32 EUR–36,75 EUR per episode profile; Bitguruz — 0,21 EUR–35,25 EUR per episode profile |
| Max multiplier | 3 608 855,25× on the last Hardcore in the 95,5% table. |
| Cash payout limit | 20 000 USD per paid round of the retained USD demo.; NV Casino — 24 500,00 PLN; Stake — money round limit does not apply; Total Casino — 23 250,00 PLN; Ice Casino — 26 875,00 PLN; Bison Casino — money round limit does not apply; Mostbet — 13 750,00 EUR; 22bet — 13 625,00 EUR; Bitguruz — 11 750,00 EUR |
| Payout formula | min(bet × accepted multiplier, cap), then rounding to 0,01 in the wallet currency. |
| RTP of the function | A regular entry is paid with one bet, there is no active Bonus Buy. The RTP of the main configuration is 95,5%; the operators' cash and bonus calculations are stored separately. |
| Turnover in the example | NV Casino — 6 cycles, T 22,37 PLN, G 33,28 PLN, net 10,91 PLN; Stake — 0 bets; transfer of the payment for review; Total Casino — 5 cycles, T 22,50 PLN, G 27,51 PLN, net 5,01 PLN; Ice Casino — 6 cycles, T 30,19 PLN, G 40,91 PLN, net 10,72 PLN; Bison Casino — 0 bets; transfer of the payment for review; Mostbet — 7 cycles, T 60,55 EUR, G 113,29 EUR, net 52,74 EUR; 22bet — 5 cycles, T 18,76 EUR, G 20,74 EUR, net 1,98 EUR; Bitguruz — 6 cycles, T 19,47 EUR, G 30,06 EUR, net 10,59 EUR |

| Parameter | Value |
| --- | --- |
| Sample results | NV Casino — 6 cycles, 6 settled; T 22,37 PLN, G 33,28 PLN, RTP 148,77%; Stake — money round unavailable; Total Casino — 5 cycles, 5 settled; T 22,50 PLN, G 27,51 PLN, RTP 122,27%; Ice Casino — 6 cycles, 5 settled; T 30,19 PLN, G 40,91 PLN, RTP 135,51%; Bison Casino — money round unavailable; Mostbet — 7 cycles, 7 settled; T 60,55 EUR, G 113,29 EUR, RTP 187,10%; 22bet — 5 cycles, 5 settled; T 18,76 EUR, G 20,74 EUR, RTP 110,55%; Bitguruz — 6 cycles, 6 settled; T 19,47 EUR, G 30,06 EUR, RTP 154,39% |