# Review of the Maryland Child Support Guidelines: Review of Economic Data on the Cost of Raising Children 

Submitted to:<br>Maryland<br>Department of Human Services Child Support Administration

Submitted by:<br>Jane C. Venohr, Ph.D.<br>CPR<br>center for policy research

1570 Emerson St., Denver, CO 80218 | Tel: (303) 837-1555 |centerforpolicyresearch.org
(Sept. 20, 2022)

Points of view expressed in this document are those of the author and do not necessarily represent the official position of the committee reviewing the guidelines or the State. The author is responsible for any errors and omissions.

## Table of Contents

Section 1: Introduction ..... 1
Federal Requirements ..... 5
Organization of Report ..... 5
Section 2: Cost of Raising Children and Schedule Update ..... 7
Key Assumptions of Updated Schedule ..... 7
Overview of Economic Studies ..... 8
Overview of Betson-Rothbarth Measurements ..... 9
USDA Study ..... 10
Overview of Other Measurements of Child-Rearing Expenditures ..... 12
Underlying Data and Assumptions Used to Develop Updated Schedule ..... 13
Factor 1: Guidelines Model ..... 17
Factors 2-4: Economic Study ..... 18
Betson-Rothbarth Studies ..... 18
Factor 5: Adjust to Current Price Levels ..... 27
Factor 6: Adjust for Maryland Prices ..... 27
Factor 7: Exclude Childcare Expenses and Out-of-Pocket Healthcare Costs ..... 27
Factor 8: Conversion of Expenditures to After-Tax Income ..... 29
Factor 9: Conversion to Gross Income ..... 30
Factor 9: Incorporate the Self-Support Reserve and Minimum Order ..... 31
Section 3: Impact of Updating the Schedule and Self-Support Reserve ..... 33
Comparisons of Case Scenarios ..... 34
Section 4: Summary and Conclusions ..... 41
Conclusion ..... 41
Appendix A: Technical Documentation of the Updated Schedule ..... 42
USDA Conversion ..... 42
Betson-Rothbarth Conversion ..... 42
Detailed Steps Used to Arrive at Schedule ..... 43
Consumer Expenditure Data ..... 49
Appendix B: Side-by-Side Comparisons ..... 53

## SECTION 1: INTRODUCTION

This report reviews economic data on the cost of raising children and uses it to prepare an updated child support schedule for Maryland. In Maryland, child support obligations are set using the child support guidelines provided in statute (Md. Code Ann., Family Law § 12-201 through 12-204). The core of the guidelines calculation is a schedule that specifies the basic support obligation depending on the combined family income and the number of children. It is based on economic evidence on the cost of raising children. Federal regulations and Maryland law require the State to review its child support guidelines every four years to ensure that the application of the guidelines results in the determination of appropriate child support award amounts as required by the Public Welfare Act, Title 45 C.F.R. § 302.56 and Family Law $\S 12-202$ (c). As part of that review, the State must consider economic data on the costs of raising children. Maryland's last quadrennial review was conducted in 2016-2020. It resulted in legislative changes, including an updated schedule, that became effective in 2022. The current Maryland schedule is based on economic data available in 2018, which is when most of the technical recommendations pertaining to the schedule were made. There is a small exception for the self-support reserve incorporated into the schedule: it relies on the 2019 federal poverty guidelines.

This report focuses solely on the child support schedule. The Child Support Administration (CSA) of the Maryland Department of Human Services is coordinating the review. CSA will ensure all federal requirements of a state guidelines review is met. For example, CSA has provided case file data to the University of Maryland School of Social Work to fulfill the federal requirement to analyze case file data on the application and deviation from the guidelines. CSA is also reaching out to representatives of the executive, legislative, and judicial branches of state government as well as attorneys, representatives of family and workforce non-profit organizations, and others to gain their input.

## Maryland Children and Child Support

Child support is an important source of income to many Maryland children. Based on the U.S. Census American Community Survey, 1,357,479 children lived in Maryland in 2021. ${ }^{1}$ The 2022 Kids Count reports several statistics that are relevant to child support. ${ }^{2}$

- The percentage of Maryland children living in poverty is 12 percent, while it is 17 percent nationally. ${ }^{3}$
- The percentage of children whose parents lack secure employment is 23 percent in Maryland and 27 percent nationally.
- The percentage of children living in single-parent families is 34 percent in Maryland as well as nationally.

[^0]- The percentage of Maryland female-headed families receiving child support is 19 percent, while it is 26 percent nationally. ${ }^{4}$

Still, many Maryland families benefit from child support. In federal fiscal year (FFY) 2021, the state child support agency, which is called Child Support Administration (CSA) and is under the Maryland Department of Human Services (DHS), served 168,587 cases. ${ }^{5}$ In FFY 2021, CSA established 5,472 support orders, ${ }^{6}$ collected and distributed over $\$ 543$ million in child support, and received 69 percent of the current support due, which is more than the national average of 67 percent. Other than certain types of public assistance cases, use of CSA services is not mandated. The number of child support cases that are not part of CSA, and the collections on those cases are unknown. Although the amount is unknown, it is likely to exceed CSA collections. ${ }^{7}$ In general, these statistics are lower than pre-pandemic amounts at both the state level and national level.

Although state data are not available, a 2015 national study found that without child support, the child poverty rate would be 7.0 percentage points higher. ${ }^{8}$ Nonetheless, other national research finds that almost a quarter of nonresidential parents have no or limited reported earnings. ${ }^{9}$ These statistics underscore the delicate balance at low incomes where child support can help lift families out of poverty, but must recognize that low-income parents who are not living with the child may have a limited ability to pay. In short, this is the reason that the Maryland child support guidelines includes a self-support reserve for the obligated parent.

## Current Maryland Child Support Schedule

The core of the Maryland guidelines calculation is a lookup schedule of monthly basic obligations for a range of incomes and number of children. (Exhibit 1 shows an excerpt of the current schedule). The basic obligations in the schedule reflect economic data on the costs of raising children in Maryland when the schedule was last updated. They relate to the combined income of the parents. This would be the amount of income the parents would have if they lived together and combined financial resources.

The support award is determined by prorating the obligated parent's share of the basic obligation. For example, if the obligated parent's gross income is $\$ 1,600$ per month and the custodial parent's gross income is $\$ 1,400$ per month, the combined gross income would be $\$ 3,000$ per month and, using the

[^1]schedule in Exhibit 1, the basic obligation for one child is \$583 per month. The obligated parent's prorated share is 53 percent, which is $\$ 1,600$ (the obligated parent's income) divided by $\$ 3,000$ (combined parental income). The obligated parent's prorated share of the basic obligation, $\$ 310$ per month (which is $53 \%$ of $\$ 583$ ), is the basis of the child support award amount. There may be additional adjustments for other considerations such as work-related childcare expenses or the number of overnights the child spends with the parent obligated to pay support. If the obligated parent's income and number of children fall into the shaded area, the self-support reserve (SSR) adjustment applies. The SSR provides a low-income obligated parent a subsistence level of living. Federal regulation ( 45 C.F.R. § 302.56 (c)(ii)) requires for the consideration of the subsistence needs of low-income, obligated parents in the calculation of support. Maryland, like most states with a SSR adjustment, relates its SSR to the federal poverty guidelines for one person.

The existing Maryland guidelines schedule is based on economic data available in 2018. At the time, the Maryland schedule was based on an earlier study of child-rearing expenditures conducted by Professor David Betson using the Rothbarth methodology to separate the child's share of expenditures from total household expenditures. ${ }^{10}$ An economic methodology is needed because many household items are consumed by both the children and parents living in the same household and the child's share is not readily apparent (e.g., electricity for the home). The committee reviewing the schedule recommended updating the schedule using a more current Betson-Rothbarth (BR) study ${ }^{11}$ for schedule amounts at lower incomes and a USDA study of child-rearing expenditures released in 2017 for schedule amounts at higher incomes. ${ }^{12}$ One strength that the USDA study had over the BR study is that it relied on more current

Exhibit 1: Excerpt of Current Schedule

| Combined <br> Adjusted <br> Actual Income | 1 Child | $2$ <br> Children | $\begin{gathered} 3 \\ \text { Children } \end{gathered}$ | 4 <br> Children | 5 <br> Children | $6$ <br> Children |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0-1200 | 50 | 55 | 57 | 58 | 59 | 60 |
| 1250 | 74 | 79 | 81 | 82 | 83 | 84 |
| 1300 | 109 | 116 | 119 | 121 | 122 | 124 |
| 1350 | 144 | 154 | 158 | 160 | 162 | 164 |
| 1400 | 179 | 191 | 196 | 199 | 201 | 204 |
| 1450 | 214 | 229 | 235 | 238 | 241 | 244 |
| 1500 | 249 | 266 | 273 | 277 | 280 | 284 |
| 1550 | 284 | 304 | 312 | 316 | 320 | 324 |
| 1600 | 319 | 341 | 350 | 355 | 359 | 364 |
| 1650 | 339 | 379 | 389 | 394 | 399 | 404 |
| 1700 | 348 | 416 | 427 | 433 | 438 | 444 |
| 1750 | 357 | 454 | 466 | 472 | 478 | 484 |
| 1800 | 367 | 491 | 504 | 511 | 517 | 524 |
| 1850 | 376 | 529 | 543 | 550 | 557 | 564 |
| 1900 | 385 | 565 | 581 | 589 | 596 | 604 |
| 1950 | 394 | 578 | 620 | 628 | 636 | 644 |
| 2000 | 403 | 591 | 658 | 667 | 675 | 684 |
| 2050 | 412 | 604 | 697 | 706 | 715 | 724 |
| 2100 | 421 | 617 | 735 | 745 | 754 | 764 |
| 2150 | 430 | 631 | 762 | 784 | 794 | 804 |
| 2200 | 439 | 644 | 778 | 823 | 833 | 844 |
| 2250 | 448 | 657 | 794 | 862 | 873 | 884 |
| 2300 | 457 | 670 | 810 | 901 | 912 | 924 |
| 2350 | 466 | 684 | 826 | 923 | 952 | 964 |
| 2400 | 475 | 697 | 842 | 941 | 991 | 1004 |
| 2450 | 484 | 710 | 858 | 958 | 1031 | 1044 |
| 2500 | 493 | 723 | 874 | 976 | 1070 | 1084 |
| 2550 | 502 | 736 | 890 | 994 | 1094 | 1124 |
| 2600 | 511 | 750 | 906 | 1012 | 1113 | 1164 |
| 2650 | 520 | 763 | 922 | 1030 | 1133 | 1204 |
| 2700 | 529 | 776 | 938 | 1048 | 1152 | 1244 |
| 2750 | 538 | 789 | 954 | 1066 | 1172 | 1274 |
| 2800 | 547 | 803 | 970 | 1083 | 1192 | 1295 |
| 2850 | 556 | 816 | 986 | 1101 | 1211 | 1317 |
| 2900 | 565 | 829 | 1002 | 1119 | 1231 | 1338 |
| 2950 | 574 | 842 | 1018 | 1137 | 1251 | 1359 |
| 3000 | 583 | 856 | 1034 | 1155 | 1270 | 1381 |

[^2]expenditure data. Published in 2010, the expenditure data underlying the BR study was collected in 2004-2009, while the expenditure data underlying the USDA study was collected in 2011-2015. Still, the methodology used by the USDA to separate child-rearing expenditures from total household expenditures was not definitively better than the Rothbarth methodology. The strength of using the more current BR study was its was consistent with the BR study underlying the previous schedule. It also produced a nominal increase at lower incomes. In contrast, using the USDA study as the basis of the schedule amounts for lower incomes would produce large increases that were caused by changing from the BR methodology to the USDA methodology rather than actual increase in child-rearing expenditures over time. At higher incomes, however, the USDA-based amounts seemed more reasonable. At the time, the schedule only included combined adjusted gross incomes up to \$15,000 per month. Some guidelines users were taking the percentage derived from the basic obligation at $\$ 15,000$ for a specific number of children divided by $\$ 15,000$; then, applying that percentage to arrive at a basic obligation for combined incomes above $\$ 15,000$ per month. Further, the schedule in place in 2018 was only based on the BR measurements for combined adjusted gross incomes up to $\$ 10,000$ per month. The basic obligations for combined gross incomes of $\$ 10,500$ through $\$ 15,000$ per month were based on amounts that represented an equitable increase in schedule amounts for low and high incomes. Since 2018, the BR study has been updated for more current expenditure data, but the USDA study has not.

Other economic factors considered in the existing Maryland schedule were 2018 federal and state income taxes and FICA, the 2019 federal poverty guidelines (FPG), and the Maryland's 2016 price parity. Each factor considered the most recent data year available. Tax rates are considered because they affect how much spendable income parents have for their children. Expenditure decisions are made generally based on after-tax income. The FPG is used as the SSR. Price parity represents how much more or less the prices of a specific region are compared to the United States average. Historically, prices and the cost of living in Maryland are generally above the national average. Since the expenditure data underlying both the BR and USDA studies are national, each study's measurement of child-rearing expenditures is adjusted for Maryland's price parity.

Two alternative updated schedules are built in this report: one using an updated BR study; ${ }^{13}$ and the other using the updated BR study for low incomes (since the current schedule amounts at low incomes are based on an older BR study) and the USDA study for higher incomes. There is no new USDA study. The updated schedules are also updated to current price levels and other factors considered in the schedule development (i.e., federal and state income tax rates and FICA, the FPG, and price parity) is considered in this report.

[^3]
## Federal Requirements

Federal regulation (45 C.F.R. § 302.56(e)) requires states to review their guidelines at least once every four years. As shown in Exhibit 2, federal regulation imposes many other requirements of state child support guidelines and state guidelines review processes. Federal regulation expanded state requirements in 2016 through the Flexibility, Efficiency, and Modernization in Child Support Enforcement Programs rule. ${ }^{14}$ The deadline for meeting these federal requirements depends on a state's guidelines review cycle. It typically spans two review cycles and longer for some states that were granted a pandemic-based extension from the federal Office of Child Support Enforcement. For example, some states have until 2025 to meet the federal requirements. The 2016 Maryland review addressed the expanded federal requirements of state guidelines-namely, the two major changes: the federal requirement (45 C.F.R. § 302.56(c)(1)(iii)) to consider the actual circumstances of the obligated parent when income imputation is authorized, and the federal requirement (45 C.F.R. § 302.56(c)(3)) to not treat incarceration as voluntary employment. The current Maryland guidelines meet both requirements.

## Organization of Report

Section 2 reviews the economic data on the cost of raising children and uses it to develop an updated schedule. It also lists the steps and economic data used to develop an updated child support schedule.

Section 3 analyzes the impact of the existing and updated schedule using case scenarios.

Section 4 provides conclusions.

Appendix A provides details technical documentation of the data and steps used to develop the updated schedule.

Appendix B provides a side-by-side comparison of the updated schedules to the existing schedule. Two updated schedules are developed. One using only the most current BR study, the other updated using the current BR study for low incomes and the USDA for high incomes. The latter is similar to the basis of the current schedule.

Exhibit 2: Federal Regulations Pertaining to State Child Support Guidelines

## 45 C.F.R. § 302.56 Guidelines for setting child support orders

(a) Within 1 year after completion of the State's next quadrennial review of its child support guidelines, that commences more than 1 year after publication of the final rule, in accordance with § 302.56(e), as a condition of approval of its State plan, the State must establish one set of child support guidelines by law or by judicial or administrative action for setting and modifying child support order amounts within the State that meet the requirements in this section.
(b) The State must have procedures for making the guidelines available to all persons in the State.
(c) The child support guidelines established under paragraph (a) of this section must at a minimum:
(1) Provide that the child support order is based on the noncustodial parent's earnings, income, and other evidence of ability to pay that:

[^4](i) Takes into consideration all earnings and income of the noncustodial parent (and at the State's discretion, the custodial parent);
(ii) Takes into consideration the basic subsistence needs of the noncustodial parent (and at the State's discretion, the custodial parent and children) who has a limited ability to pay by incorporating a low-income adjustment, such as a self- support reserve or some other method determined by the State; and
(iii) If imputation of income is authorized, takes into consideration the specific circumstances of the noncustodial parent (and at the State's discretion, the custodial parent) to the extent known, including such factors as the noncustodial parent's assets, residence, employment and earnings history, job skills, educational attainment, literacy, age, health, criminal record and other employment barriers, and record of seeking work, as well as the local job market, the availability of employers willing to hire the noncustodial parent, prevailing earnings level in the local community, and other relevant background factors in the case.
(2) Address how the parents will provide for the child's health care needs through private or public health care coverage and/or through cash medical support;
(3) Provide that incarceration may not be treated as voluntary unemployment in establishing or modifying support orders; and
(4) Be based on specific descriptive and numeric criteria and result in a computation of the child support obligation.
(d) The State must include a copy of the child support guidelines in its State plan.
(e) The State must review, and revise, if appropriate, the child support guidelines established under paragraph (a) of this section at least once every four years to ensure that their application results in the determination of appropriate child support order amounts. The State shall publish on the internet and make accessible to the public all reports of the guidelines reviewing body, the membership of the reviewing body, the effective date of the guidelines, and the date of the next quadrennial review.
(f) The State must provide that there will be a rebuttable presumption, in any judicial or administrative proceeding for the establishment and modification of a child support order, that the amount of the order which would result from the application of the child support guidelines established under paragraph (a) of this section is the correct amount of child support to be ordered.
(g) A written finding or specific finding on the record of a judicial or administrative proceeding for the establishment or modification of a child support order that the application of the child support guidelines established under paragraph (a) of this section would be unjust or inappropriate in a particular case will be sufficient to rebut the presumption in that case, as determined under criteria established by the State. Such criteria must take into consideration the best interests of the child. Findings that rebut the child support guidelines shall state the amount of support that would have been required under the guidelines and include a justification of why the order varies from the guidelines.
(h) As part of the review of a State's child support guidelines required under paragraph (e) of this section, a State must: (1) Consider economic data on the cost of raising children, labor market data (such as unemployment rates, employment rates, hours worked, and earnings) by occupation and skill-level for the State and local job markets, the impact of guidelines policies and amounts on custodial and noncustodial parents who have family incomes below 200 percent of the Federal poverty level, and factors that influence employment rates among noncustodial parents and compliance with child support orders;
(2) Analyze case data, gathered through sampling or other methods, on the application of and deviations from the child support guidelines, as well as the rates of default and imputed child support orders and orders determined using the lowincome adjustment required under paragraph (c)(1)(ii) of this section. The analysis must also include a comparison of payments on child support orders by case characteristics, including whether the order was entered by default, based on imputed income, or determined using the low-income adjustment required under paragraph (c)(1)(ii). The analysis of the data must be used in the State's review of the child support guidelines to ensure that deviations from the guidelines are limited and guideline amounts are appropriate based on criteria established by the State under paragraph (g); and (3)Provide a meaningful opportunity for public input, including input from low-income custodial and noncustodial parents and their representatives. The State must also obtain the views and advice of the State child support agency funded under title IV-D of the Act.

## Section 2: Cost of Raising Children and Schedule Update

Child support schedules and formulas are part policy and part economic data. Most state guidelines rely on a study of child-rearing expenditures as the underlying basis of their child support schedule or formula. Federal regulation ( 45 C.F.R. § 302.56 (h)(1)) requires states to consider economic data on the cost of raising children as part of a state's child support guidelines review. The existing Maryland schedule relies on two different studies of child-rearing expenditures. For low incomes above where the self-support reserve would apply through combined adjusted gross incomes of $\$ 10,000$ per month, Maryland relies on a 2010 study of child-rearing expenditures from families surveyed in 2004-2009 conducted by Professor Betson using the Rothbarth methodology to separate the child's share of expenditures from total household expenditures. ${ }^{15}$ The study results were updated and adjusted to consider 2018 price levels; 2018 federal and state income taxes and FICA (which affect the amount of after-tax income available to spend); Maryland's price parity; and the 2019 federal poverty guidelines for one person, which is used as a self-support reserve. For incomes above $\$ 15,000$ gross per month, the existing Maryland schedule relies on the 2017 USDA study of child-rearing expenditures that considers family expenditures in 2012-2015. ${ }^{16}$ The results from the USDA study were also updated to 2018 price levels and to reflect Maryland price parity, but it was not necessary to apply the other adjustments made to the BR estimates to the USDA estimates. The schedule amounts between $\$ 10,000$ and $\$ 15,000$ gross per month per interpolated-that is, developed assuming a steady increase in the schedule amounts from the BR amounts at a combined income of $\$ 10,000$ gross per month to USDA amounts at a combined income of $\$ 15,000$ per month. The BR study has been updated, but not the USDA study.

This section documents more current economic studies on the cost of raising children and uses a more current study of BR child-rearing expenditures to update the Maryland child support schedule. It also documents the major data sources, assumptions, and steps used to develop the updated schedules. Two updated schedules are developed: one only uses the most current BR study, and the other uses the more current BR study

## Key Assumptions of Updated Schedule

The key economic data and assumptions underlying the updated schedule are summarized below. Each is discussed in more detail in the next section.

- There are no significant changes in the underlying policy principles and guidelines model-that is, the Maryland guidelines relies and continues to rely on the income shares model.

[^5]- Both alternative updated schedules are based on the 2021 Betson-Rothbarth (BR) measurements of child-rearing expenditures estimated from families participating in the 2013-2019 Consumer Expenditure (CE) survey. ${ }^{17}$
- One of the alternatives is also based on the USDA study at higher incomes.
- Both the BR and USDA estimates are based on national expenditure data, so they are adjusted for Maryland's above average prices.
- For the purposes of developing a schedule, the BR measurements are updated to July 2022 price levels.
- The schedule does not include childcare expenses; the cost of the child's health insurance premium; and the extraordinary, unreimbursed medical expenses of the child. The guidelines consider the actual amounts expended for these items on a case-by-case basis. Specifically, each parent is responsible for his or her prorated share of actual expenses.
- The BR measurements of child-rearing expenditures are expressed as a percentage of total family expenditures and are converted to gross income for guidelines purposes. The conversion considers federal and state income tax rates and FICA in 2022.
- The schedule is based on the average of all expenditures on children from ages 0 through 17 years. There is no adjustment for the child's age.
- The schedule incorporates a self-support reserve for low-income obligors based on the 2022 federal poverty guidelines for one person ( $\$ 1,133$ per month).


## Overview of Economic Studies

Several different methodologies are used to estimate the cost of raising children. A methodology is necessary because the cost of raising children must be separated from other expenditures in the household, particularly since many items (e.g., a loaf a bread, electricity for the house) may be consumed by all residents in the household, not just by the children. Further, there are two major types of studies on the economic cost of children: the cost of providing the basic or minimum needs of households with children, ${ }^{18}$ and studies that try to estimate what families across a range of incomes

[^6](including middle- and higher-income families) actually spend on children. Most state guidelines, including the Maryland guidelines, rely on studies estimating child-rearing expenditures for a range of incomes. This is because the premise of most state guidelines is that children should share in the lifestyle afforded by their parents-that is, if the obligated parent's income affords the obligated parent a higher standard of living, the support order should also be more for that higher-income parent. Basing a child support schedule or formula on the cost of the basic needs of the child would be inadequate for figuring out what an obligated parent who can afford a lifestyle above subsistence can afford in child support.

## Overview of Betson-Rothbarth Measurements

There are several methodologies for estimating how much families actually spend on child. Most measurements of child-rearing expenditures underlying state child support guidelines, including the lower income part of the Maryland guidelines schedule, are estimated using the "Rothbarth" methodology. Maryland, 30 other states, the District of Columbia, and Guam base their child support guidelines on a Rothbarth estimator of child-rearing expenditures. The Rothbarth methodology compares expenditures between equally well-off families with and without children and attributes the difference to child-rearing expenditures. The first Rothbarth estimate of child-rearing expenditures used for state guidelines was from a 1990 study by Professor David Betson, University of Notre Dame. ${ }^{19} \mathrm{He}$ used the Rothbarth methodology to estimate child-rearing expenditures from data collected from families in 1980-1986. Since 1990, Betson has updated his study for more current expenditures data four times. His most recent study was funded by the State of Arizona, published in 2021, and considers expenditures data from 2013-2019. ${ }^{20}$ It found that on average, families devote the following percentage of total expenditures to child-rearing expenditures:

- 24.9 percent for one child;
- 38.4 percent for two children; and
- 47.0 percent for three children.

The 2021 Betson-Rothbarth (BR) measurements are used to develop an updated child support schedule for Maryland. As discussed later, there are several steps and additional data used to convert the 2021 BR measurements to a child support schedule. More detail on this and how the 2021 BR measurements differ from those used to develop the existing schedule is provided in the next subsection.

The 2021 Betson study is the most current study of child-rearing expenditures. It has been recently used to update the child support schedules of Alabama, Arizona, Iowa, Missouri, Pennsylvania, and South Dakota. In fact, all states that have recently updated their child support schedule have relied on the 2021 Betson-Rothbarth (BR) measurements as the basis of their update. The only exception is

[^7]Massachusetts, where its task force considered the 2021 BR study, but also considered "a range of legal, policy and practical considerations" when recommending changes to its chart ${ }^{21}$ that were eventually adapted. In other words, the Massachusetts schedule does not strictly relate to economic data.

## USDA Study

The USDA first measures expenditures for seven different categories (i.e., housing, food, transportation, clothing, healthcare, childcare and education, and miscellaneous) and then sums them to arrive at a total measurement of child-rearing expenditures. Some of the methodologies use a pro rata approach, which is believed to overstate child-rearing expenditures. The USDA reports its estimates on an annual basis for one child in a two-child household. The USDA provides measurements for the United States as a whole and as four regions: the South, Midwest, Mid-Atlantic, and West. The USDA also produces measurements for rural areas and single-parent families. These measurements are for the nation as whole and not provided individually by region. Because the USDA classifies Maryland as a southern state and Maryland differs remarkably from the other states classified as southern (e.g., Maryland has a much higher median income and price parity than other southern states), the USDA measurement for the United States as a whole was used and is used in the Maryland schedule developed in this report.

The USDA amounts also vary by age of the child and household income. The most recent USDA measurements are from expenditures data collected in 2011 through 2015. They are shown in Exhibit 3. This is the amount for one child in two-child households. If there is only one child in the household, the USDA found the amounts, as shown in Exhibit 3, should be increased by 27 percent. If there are three or more children in the household, the amounts should be adjusted by the number of children multiplied by 76 percent. (These adjustments for less and more children were incorporated into the existing schedule.) The amounts include expenditures for the child's healthcare and childcare expenses.

Exhibit 3: Summary of Findings from 2017 USDA Study

|  |  | Married-Couple Families |  | Single-Parent Families (overall US) |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Urban (overall U.S.) | Rural Areas (overall U.S.) |  |
| Low Income (less than \$59,200 gross per year) | Child-rearing \$ | \$9,330-\$9,980/year | \$7,650-\$8,630/year | $\begin{gathered} \$ 8,800- \\ \$ 10,540 / \text { year } \end{gathered}$ |
|  | Average Gross Income | \$36,300 | \$36,100 | \$24,400 |
| Middle Income (more than \$59,200 per year and less | Child-rearing \$ | $\begin{gathered} \$ 12,350- \\ \$ 13,900 / \text { year } \end{gathered}$ | \$10,090-\$11,590/year | $\begin{gathered} \$ 16,370- \\ \$ 20,190 / \text { year } \end{gathered}$ |
| than $\$ 107,400$ for Urban and Rural Only) | Average Gross Income | \$81,700 | \$79,500 | \$99,000 |
| High Income (more than \$107,400 for Urban and Rural only) | Child-rearing \$ | $\begin{gathered} \hline \$ 19,380- \\ \$ 23,380 / \text { year } \end{gathered}$ | \$14,600-\$17,000/year |  |
|  | Average Gross Income | \$185,400 | \$156,800 |  |

[^8]One salient finding (as shown in Exhibit 3) that is pertinent to addressing concerns about using expenditures data from intact families as the basis of state child support guidelines is that single-parent families with low income and married-couple families with low income devote about the same amount to child-rearing expenditures. It should also be noted that the amounts for middle incomes and high incomes for single-parent families are not separated because they are too few high income, singleparent families from which to produce measurements. More single-parent families with children live in poverty than married-couple families with children. The 2020 U.S. Census finds that 22 percent of Maryland female-headed families with minor children live in poverty, while 2 percent of Maryland married-couple families with minor children live in poverty. ${ }^{22}$

As shown in Exhibit 4, the USDA amounts are generally more than the BR amounts.
Exhibit 4: Comparison of Economic Estimates of Child-Rearing Expenditures

| Economic Methodology | Economist and Data Years | Average Child-Rearing Expenditures as a Percentage of Total Expenditures |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 1 Child | 2 Children | 3 Children |
| Rothbarth | $\begin{array}{r} \hline \text { Betson/Rothbarth (BR) } \\ 2013-2019 \\ 2004-2009 \\ 1998-2004 \\ 1996-1998 \\ 1980-1986 \end{array}$ | $\begin{aligned} & 24.9 \% \\ & 23.5 \% \\ & 25.2 \% \\ & 25.6 \% \\ & 24.2 \% \end{aligned}$ | $\begin{gathered} 38.4 \% \\ 36.5 \% \\ 36.8 \% \\ 35.9 \% \\ 34.2 \% \end{gathered}$ | $\begin{aligned} & 47.0 \% \\ & 44.9 \% \\ & 43.8 \% \\ & 41.6 \% \\ & 39.2 \% \end{aligned}$ |
|  | Rodgers/Replication of Betson ${ }^{23}$ 2004-2009 CE | 22.2\% | 34.8\% | 43.2\% |
|  | Rodgers $^{24}$ $2000-2015$ CE $2004-2009$ CE $2000-2011$ | $\begin{aligned} & 19.2 \% \\ & 21.5 \% \\ & 21.0 \% \end{aligned}$ | $\begin{aligned} & 24.1 \% \\ & 24.4 \% \\ & 25.0 \% \end{aligned}$ | $\begin{aligned} & 30.8 \% \\ & 33.4 \% \\ & 31.0 \% \end{aligned}$ |
|  | Florida State University ${ }^{25}$ 2009-2015 CE | 24.9\% | 38.3\% | 46.9\% |
| USDA | $\begin{array}{r} \text { USDA }^{26} \\ \text { 2011-2015 CE } \end{array}$ | 26.0\% | 39.0\% | 49.0\% |

[^9]Besides being the basis for the schedule amounts at high incomes under the existing Maryland schedule, the USDA study partially forms the basis of the Minnesota child support guidelines. The USDA study does not form the basis of any other state's guidelines besides Maryland and Minnesota.

## Overview of Other Measurements of Child-Rearing Expenditures

Besides the Rothbarth and USDA methodology, there are several other economic methodologies used to separate the child's share of expenditures from total household expenditures. Betson assessed four other alternatives, including the USDA methodology, in his 1990 study and concluded that the Rothbarth methodology produced the most statistically robust estimates and recommended the Rothbarth estimates for use in state guidelines. At the time, the USDA used a different methodology to estimate the child's share of housing costs: specifically, a per-capita approach (e.g., if there are two parents and one child in the same household and the household spent $\$ 1,200$ per month on housing then the cost of housing would be $\$ 400$ per month for the one child since the child's prorate share is $33 \%$-that is, 1 child divided by the 3 people in the household). Many economists believe that the per-capita methodology overstates the child's share of housing costs. ${ }^{27}$ To that end, the USDA revised its approach to measuring the child's share of housing expenses. This revised approach is used in the 2017 USDA study underlying the Maryland child support schedule.

Still, in general, economists do not agree which methodology comes the closest to measuring actual child-rearing expenditures. Most conventional economists, including Betson, believe that the Rothbarth methodology understates actual child-rearing expenditures. ${ }^{28}$ Many other studies based on alternative methodologies, however, use older data or have not been used by any other state as the basis of their guidelines.

Three studies that are frequently mentioned in state guidelines reviews are a 2017 study conducted for California applying the Rothbarth methodology to expenditures data collected in 2000-2015, ${ }^{29}$ a 2016 study by Professor Emeritus William Comanor, University of California at Santa Barbara, ${ }^{30}$ and a 2021 Florida State University study that used expenditures data collected in 2013-2019. ${ }^{31}$ None of these

[^10]studies form the basis of any state's guidelines. The 2018 Comanor study is criticized for yielding amounts near poverty for all income ranges. ${ }^{32}$

The Florida researchers used both the Rothbarth approach and another marginal cost approach developed by Ernest Engel and applied both methodologies to 2013-2019 expenditures data, which is the same data years of the most current BR study. The difference between the Rothbarth estimator and the Engel estimator is how they equate equally well-off families. The Rothbarth estimator uses expenditures on adult goods (which most researchers use expenditures on adult clothing as a proxy), and the Engel estimator uses expenditures on food shares. Most conventional economists believe neither approach perfectly measures actual child-rearing expenditures because of substitution effects. ${ }^{33}$ The mathematical underpinnings of the economic theory underlying the Rothbarth methodology suggests the Rothbarth methodology understates actual child-rearing expenditures. Only a few states still rely on Engel estimates. Most states that previously used Engel estimates have switched to Rothbarth estimates. The Florida researchers reported their estimates as a percentage of consumption (total household expenditures) for five quintiles of income. Using the Rothbarth methodology, they ranged from 21.0 to 21.5 percent for one child, 32.9 to 33.7 percent for two children, and 40.8 to 41.7 percent for three children.

In addition to these three studies, an approach similar to the USDA approach was attempted for California's 2021 review. ${ }^{34}$ The study found that the USDA methodology was not sufficiently documented to replicate it, particularly the methodologies and data sources to arrive at the cost of the child's housing expenses and medical expenses. Further, the study found that the results were highly sensitive to the assumptions about housing costs.

## Underlying Data and Assumptions Used to Develop Updated Schedule

Besides the economic basis of an updated schedule, there are many other factors considered in the development of a child support schedule:

1. The guidelines model is a policy decision that directs what type of economic study of childrearing expenditures to use;
2. Which particular economic study to use;
3. Adjust the study results for current price levels since there are lags between when expenditures data are collected and analyzed and available for use;
4. Adjust the national data for below/above average prices or state cost of living;
5. Exclude childcare, child's health insurance premium, and extraordinary, out-of-pocket medical expenses since the actual amount expended for each of these items is considered on a case-bycase basis;

[^11]6. Consider expenditures to net income ratio, which is the first step to converting the BR measurements, that are measured as a percentage of total household expenditures, to grossincome basis because the child support schedule relates to the combined gross income of the parents;
7. Consider current rates of federal and state income taxes and FICA, which is the second step to converting BR measurements to gross income basis; and
8. Providing for the consideration of the subsistence needs of the obligated parent.

Appendix A provides more detailed technical documentation of how these factors are used to develop an updated schedule. Exhibit 5 compares the key economic data and assumptions underlying the existing schedule to those of the proposed schedule. It also summarizes alternative data and assumptions. Each factor is discussed in more detail following the table.

| Factor | Basis of Existing Schedule | Basis of Updated Schedule A (BR) | Basis of Updated Schedule B (BR/USDA) | Other Alternatives/Notes |
| :---: | :---: | :---: | :---: | :---: |
| 1. Guidelines model | Income shares model | Income shares model | Income shares model | - 41 states use the income shares model <br> - Other states rely on Melson formula and percentage of obligor income |
| 2. Economic study used for lower incomes (below $\$ 10,000$ per month) | 4th Betson-Rothbarth (BR4) study (2010) | Most current Betson- <br> Rothbarth study (2021) | Most current Betson- <br> Rothbarth study (2021) | Other studies of child-rearing expenditures |
| 3. Economic study used for middle incomes (between \$10,001-\$15,000 per month) | Interpolated between BR4 and USDA amounts | Most current Betson- <br> Rothbarth study (2021) | Interpolated between BR4 and USDA amounts |  |
| 4. Economic study used for middle incomes (above $\$ 15,000$ per month) | USDA National (2017) | Most current BetsonRothbarth study (2021) | USDA National (2017) |  |
| 5. Price levels | July 2018 | July 2022 | July 2022 | - Prices have increased $17.6 \%$ between the two time periods |
| 6. Adjustment for Maryland cost of living/price levels | 2016 price parity: $109.5$ | 2020 price parity: 106.5 | 2020 price parity: 106.5 | - Income realignment like NJ and WV do |
| 7. Exclude childcare; child's health insurance premium; and extraordinary, out-ofpocket medical expenses | Excludes all but the first $\$ 250$ per child per year in ordinary, out-of-pocket medical expenses | No change | No change | - Retain assumption <br> - Exclude all healthcare expenses <br> - Ohio approach |


| Factor | Basis of Existing Schedule | Basis of Updated <br> Schedule A (BR) | Basis of Updated Schedule B (BR/USDA) | Other Alternatives/Notes |
| :---: | :---: | :---: | :---: | :---: |
| 8. Relate expenditures to after-tax income (necessary for BR only) | Converts expenditures to net income using data from same families in CE that Betson uses <br> Caps expenditures at 100\% | No change in methodology, just more recent CE data used | No change in methodology, just more recent CE data used | Assume all after-tax income is spent |
| 9. Relate expenditures to gross income of the parties (necessary for BR only) | 2018 federal and state income tax withholding formulas for a single taxpayer | 2022 federal and state income tax withholding formulas for a single taxpayer | 2022 federal and state income tax withholding formulas for a single taxpayer | Alternative tax assumptions, including taxes of a married couple with children |
| 10. Provide for consideration of the parent's basic subsistence needs | Minimum order of \$50+ for more children. Self-support reserve (SSR) = \$1,145 $=110 \%$ of (2019 federal poverty guidelines-FPG—for 1 person) | - Retain $\$ 50+$ minimum order <br> - Update SSR to 2022 FPG for 1 person (\$1,133) where 110\% is $\$ 1,246$ | - Retain $\$ 50$ minimum order <br> - Update SSR to 2022 FPG for 1 person $(\$ 1,133)$ where $110 \%$ is $\$ 1,246$ | - Other adjustments <br> - Other amounts for the SSR or minimum order |

Factor 1: Guidelines Model
The guidelines model, which is a policy decision, is important to directing what economic data on the cost of raising children to use. The most common principle used for state guidelines models is what University of Wisconsin researchers call the "continuity of expenditures model"-that is, the child support award should allow the children to benefit from the same level of expenditures had the children and both parents lived together. ${ }^{35}$ In the income shares guidelines model-which is used by 41 states, including Maryland-the obligated parent's prorated share of that amount forms the basis of the guidelines-determined amount. Most states that use the percentage-of-obligor income guidelines model use the same economic studies but presume that the custodial parent contributes an equal dollar amount or percentage of income to child-rearing expenditures.

Besides the income shares and the percentage-of-obligor income guidelines model, three states (i.e., Delaware, Hawaii, and Montana) use the Melson formula, which is a hybrid of the income shares approach and the percentage-of-obligor income guidelines. Each of these states prorates a basic level of support to meet the primary needs of the child; then, if the obligated parent has any income remaining after meeting his or her share of the child's primary support, his or her own basic needs, and payroll taxes, an additional percentage of his or her income is added to his or her share of the child's primary support.

Research finds that other factors (e.g., economic basis, whether the schedule has been updated for changes in price levels, and adjustments for low-income parents) affect state differences in guidelines amounts more than the guidelines model. ${ }^{36}$ All states that have switched guidelines models in the last two decades have switched to the income shares model (i.e., Arkansas, District of Columbia, Georgia, Illinois, Massachusetts, Minnesota, and Tennessee). Common reasons for switching to the income shares model are its perception of equity because it considers each parent's income in the calculation of support and its flexibility to consider individual case circumstances such as extraordinary child-rearing expenses that vary from case to case (e.g., childcare expenses) and timesharing arrangements. Besides the guidelines models in use, there are several other guidelines models not in use that have been proposed in several states. ${ }^{37}$ Each have failed for various reasons. In general, there is no overwhelming reason for Maryland to consider switching guidelines models.

[^12]Factors 2-4: Economic Study
There are several measurements of child-rearing expenditures that form the basis of state guidelines. The newest Betson-Rothbarth (BR5) clearly emerges as the most appropriate study to use for the area of the Maryland schedule that is based on an older BR study. Its underlying data is more current than that of any other study besides the Florida study that is not used by any state. It also uses the same methodology and assumptions as the basis of the existing schedule, which is an earlier BetsonRothbarth (BR) study. Most states rely on a BR study. However, what is not clear is what to use to update the schedule at higher incomes. It is not clear because the USDA has not updated its study since 2017. To this end, two schedules are developed: one using the BR5 estimates at all incomes levels, and the other using the BR5 estimates at lower incomes and the USDA at higher incomes like the current Maryland schedule does. Both schedules are shown in Appendix B. Specifically, the BR5 measurements apply to incomes of $\$ 10,000$ gross per month and below and the USDA measurements apply to incomes of $\$ 15,000$ gross per month and more. The amounts between $\$ 10,000$ and $\$ 15,000$ is interpolatedthat is, the difference between the $\$ 10,000$ and $\$ 15,000$ is spread equally across income intervals to produce a gradual increase.

## Betson-Rothbarth Studies

## Historical Overview

When Congress first passed legislation (i.e., the Family Support Act of 1988) requiring presumptive state child support guidelines, it also mandated the U.S. Department of Health and Human Services to develop a report analyzing expenditures on children and explain how the analysis could be used to help states develop child support guidelines. This was fulfilled by two reports that were both released in 1990. One was by Professor David Betson, University of Notre Dame. ${ }^{38}$ Using five different economic methodologies to measure child-rearing expenditures, Betson concluded that the Rothbarth methodology was the most robust ${ }^{39}$ and, hence, recommended that it be used for state guidelines. The second study resulting from the congressional mandate was by Lewin/ICF. ${ }^{40}$ It assessed the use of measurements of child-rearing expenditures, including the Betson measurements, for use by state child support guidelines.

The Rothbarth methodology is named after the economist, Irwin Rothbarth, who developed it. It is considered a marginal cost approach-that is, it considers how much more is spent by a couple with children than a childless couple of child-rearing age. To that end, the methodology compares expenditures of two sets of equally well-off families: one with children and one without children. The difference in expenditures between the two sets is deemed to be child-rearing expenditures. The

[^13]Rothbarth methodology relies on expenditures for adult goods to determine equally well-off families. ${ }^{41}$ Through calculus, economists have proven that using expenditures on adult goods understates actual child-rearing expenditures because parents essentially substitute away from adult goods when they have children. ${ }^{42}$ In contrast, the Engel methodology is also a marginal cost approach but relies on food shares to determine equally well-off families. Historically, it overstated actual child-rearing expenditures because children are relatively food intensive. ${ }^{43}$ Recent Engel estimates, however, are less than the Rothbarth estimates. The validity of the new Engel estimates is questionable due to its sensitivity to alternative sample specification and a change in how food is measured in the CE that appears to affect that sensitivity.

At the time of Betson's 1990 study, most states had already adopted guidelines to meet the 1987 federal requirement to have advisory child support guidelines. (The requirement was extended to be rebuttal presumptive guidelines in 1989.) Most states were using older measurements of child-rearing expenditures, ${ }^{44}$ but many (including Maryland) began using the Betson-Rothbarth 1990 (BR1) study in the mid- to late 1990s. Subsequently, various states and the University of Wisconsin Institute of Research commissioned updates to the BR study over time. ${ }^{45}$

Although Betson recommended the Rothbarth methodology for state guidelines usage in his 1990 report, another study commissioned by the U.S. Department of Health and Human Services in 1990 by Lewin/ICF suggested that states assess their guidelines using more than one study since not all economists agree on which methodology best measures actual child-rearing expenditures. ${ }^{46}$ For its 1990 report, Lewin/ICF assessed state guidelines by generally examining whether a state's guidelines amount was between the lowest and the highest of credible measurements of child-rearing expenditures. Lewin/ICF used the Rothbarth measurements as the lower bound. Amounts that were above the lowest credible measurement of child-rearing expenditures were deemed as adequate support for children. This also responded to a major concern in the 1980s that state child support guidelines provided inadequate amounts for children. ${ }^{47}$ Since then, most states have adapted a BR measurement as the basis of their guidelines schedule or formula.

[^14]Most Current BR Measurements and the COVID-19 Pandemic
The most current BR measurements consider expenditure data from 2013-2019, which is before the COVID-19 pandemic began in 2020. The pandemic impacts the economy and expenditures in many ways. The ideal would be to have more current measurements of child-rearing expenditures, but there are several problems with that. One is that the economy and consumption are still changing. Another concerns the underlying data source, the Consumer Expenditure (CE) survey. The CE response rate in 2020, the year the pandemic began, declined. ${ }^{48}$ The impact of this decline on survey results is still being assessed.

Using basic economic theory, almost every factor known to affect supply and demand level has changed since the pandemic began. At the microeconomic level (which considers individual goods and services), these factors include changes in price levels, income (including changes caused by government stimulus payments and the temporary increase in the child tax credit), ${ }^{49}$ prices of related goods and services, and taste and preferences (e.g., increased demand for at-home entertainment at the beginning of the pandemic); consumers' expectations about the future; the number of buyers; changes in input prices (e.g., availability of semi-conductor chips) and technology (e.g., technology that affects ability to work remotely); suppliers' expectations about the future prices; and the number of sellers.

An example of change in taste and preferences is observed by changes in consumption from the beginning of the pandemic (2020) to when most people became vaccinated and new viral strains were less likely to require hospitalizations (2021-2022) to now. Consumer spending declined for several expenditure categories in 2020 when the pandemic began. At the end of the second quarter of 2020 and over the past year, consumption of food away from home declined by 54 percent, apparel and services declined by 49 percent, entertainment declined by 21 percent, and transportation declined by 19 percent. ${ }^{50}$ In the following year (the second quarter of 2020 to the second quarter of 2021), several of these categories rebounded: consumption of food away from home rose 91 percent, apparel and services rose 70 percent, entertainment rose 28 percent, and transportation rose 23 percent.

The changes extend to the macroeconomic model of aggregate demand and aggregate supply that affects overall price levels (in other words, inflation) and the economy's total output of goods and services. The aggregate demand/supply model is affected by interest rates (which are affected by the Federal Reserve's policies) and changes in consumer demand, investment, government purchases (which increased due to stimulus bills), net export (e.g., changes in overseas shipping affected net exports), labor (where labor generally declined as evidenced by the reduction of labor force participation), capital stock, natural resources (e.g., reduction in oil drilling), and technological knowledge. In general, several of these factors contribute to increased demand, while few of these factors suggest that supply is increasing to offset the pressure that increased demand imposes on prices.

[^15]The result is increased price levels-that is, inflation. From March 2020 through May 2022, prices have increased by 14 percent. ${ }^{51}$ In the last year, prices have increased 8.6 percent alone. Price changes have not been uniform across all goods and services. For example, although the all-items price index increased 8.6 percent in the last year, the food price index increased 10.1 percent and the energy price index rose 34.6 percent over the same period. ${ }^{52}$ In all, price increases generally suggest increases to the schedule are warranted. There are some possible exceptions due to substitution effects. For example, increases to the cost of childcare may cause families to cut back on other child-rearing expenditures. If enough families cut back on other child-rearing expenditures, this could indirectly suggest schedule decreases. This is because the schedule does not consider childcare expenses (rather, the actual cost of childcare is considered on a case-by-case basis), but the schedule does consider other child-rearing expenditures. To date, there is no evidence to suggest that this has indeed occurred, although there is research that suggests that childcare expense have increased substantially since the pandemic began. ${ }^{53}$ As an aside, one of the major contributing factors is a shortage of childcare workers.

Inflation can have unequal effects on low and high-income families. Low-income families devote a larger budget share to necessities than higher income families do. They do not have the same ability to cut expenditures on luxury items or dip into savings to offset the rising cost of necessities as higher income families do. Unequal price changes across goods and services may cause changes in the composition of what families consume.

In all, the impact of the pandemic on child-rearing expenditures and a child support schedule is unknown. If only inflation were considered, it would increase, but there are too many factors to consider (e.g., changes in the cost of childcare and the child's healthcare) and changes in income tax rates, which affect spendable income. It is anticipated though that the changes will not be uniform across all incomes and family sizes.

Overview of the Consumer Expenditure (CE) Survey
Each BR study used more current Consumer Expenditure (CE) data. The 1990 study relied on the 19801886 CE and the 2021 study relied on the 2013-2019 CE. Conducted by the U.S. Bureau of Labor Statistics (BLS), the CE is a comprehensive and rigorous survey with over a hundred-year history. ${ }^{54}$ Today, the CE surveys about 6,000 households a quarter on hundreds of expenditures items. ${ }^{55}$ Households stay in the survey for four quarters, yet households rotate in and out each quarter. The

[^16]primary purpose of the CE is to calibrate the market basket used to measure changes in price levels over time. Committed to producing data that are of consistently high statistical quality, relevance, and timeliness, the BLS closely monitors and continuously assesses the quality of the CE and makes improvements when appropriate. Some of these improvements have occurred in between BR studies and, hence, can affect differences between BR study years.

The sampling of the CE is not designed to produce state-specific measurements of expenditures. ${ }^{56}$ To expand the CE so it could produce state-specific measurements would require a much larger sample and other resources and would take several years. Instead, Betson develops national measurements of childrearing expenditures from the $C E$. Multiple data years are pooled to obtain an adequate sample size. Betson's sample selection is described more thoroughly his report.

Betson compiles other statistics from the same subset of CE families that he uses to measure childrearing expenditures. These other statistics are used to develop a child support schedule. This includes the average ratio of expenditures to income, average childcare expenditures, and average healthcare expenses for several income ranges. This additional data is shown and explained in Appendix $A$.

## Changes in the CE

The major change in the CE since the BR4 study was conducted is an improvement to how taxes were measured. In prior surveys, households would self-report taxes. The BLS learned that families underestimated taxes paid, particularly at high incomes; hence, their after-tax income (spendable income) was smaller than measured. Beginning in 2013, the BLS began using their internal tax calculator to calculate each household's taxes. This effectively reduced the after-tax income available for expenditures. In turn, this affected the average ratio of expenditures to after-tax income, which is used in the conversion of the measurement of child-rearing expenditures to a child support schedule, increased. (This can be illustrated through Exhibit 6, by assuming a drop in the after-tax income line for the cluster of families to the right that have higher incomes.) This increases the amounts from BR4 to BR5 for high-income families because they pay a larger amount of taxes. Their after-tax income is less; hence, the ratio of expenditures to after-tax income is larger.

[^17]Exhibit 6: Relationship between Expenditures and Income


## Changes in the BR Measurements over Time

Changes to the Betson-Rothbarth (BR) measurements of child-rearing expenditures over time may reflect actual changes in how much families spend on their children, sampling differences in the different study years, changes in the underlying expenditures data used to develop the measurements, or a combination of these factors. In addition, changes in other factors (e.g., the ratio of expenditures to after-tax income) considered in the conversion of the BR measurements, which are expressed as a percentage of total household expenditures, to a gross income-based schedule affect changes to schedule amounts. Understanding the root of the changes is important to Maryland if the state updates its schedule using the BR 2021 study.

The two major factors in determining child support are the number of children and the incomes of the parties. Child support schedules provide higher amounts when there are more children because the economic evidence on child-rearing expenditures finds more is spent when there are more children. Further, the economic evidence suggests some economies of scale: expenditures for two children are not twice that of expenditures for one child; rather, they are less than double.

Income follows a similar pattern-that is, economic evidence finds that higher incomes spend more on children and the schedule amounts reflect that. Underlying the premise of most state guidelines is that if the child has a parent living outside the home whose income affords that parent a higher standard of living, that child should share that parent's standard of living. (Obviously, the situation is more complicated in shared physical parenting situations, but that adjustment is layered on to the schedule through a formula that is applied later in the child support calculation.)

## Comparisons by Number of Children

The five Betson studies using the Rothbarth methodology were published in 1990, ${ }^{57} 2000,{ }^{58}$ 2006, ${ }^{59}$ 2010, ${ }^{60}$ and 2021. ${ }^{61}$ Exhibit 7 compares the percentage of total family expenditures devoted to child rearing for the five BR studies where BR1 stands for the first study, BR2 stands for the second study, and so forth. Each study uses more current CE data. Exhibit 7 shows the percentages for one, two, and three children. The sample size of families with four or more children is too small to produce measurements for larger families. Instead, as discussed in Appendix A, equivalence scales are used to adjust the measurements for larger family sizes.

Exhibit 7 shows small variation in the percentage of total expenditures devoted to one child over time. The difference between the lowest and the highest estimate for one child is less than two percentage points. This is less than the standard deviation in the estimates due to sampling variation.

Exhibit 7: Comparisons of Betson-Rothbarth (BR) Measurements over Time


[^18]For two and three children, Exhibit 7 shows the percentage of total expenditures devoted to childrearing expenditures increasing slightly over time. However, Betson suggests that expenditures for two and three children should be examined in context of marginal expenditures-that is, starting with expenditures for the first child, how much more was spent for the second child? If the same amount is spent, the marginal increase in expenditures is 100 percent. If the amount is less than 100 percent, there is some economies of scale to having more children. The BR studies find that the marginal increase in expenditures from one to two children is about 40 to 55 percent, depending on the age of the study, and that the marginal increase in expenditures from two to three children is about 15 to 23 percent, depending on the age of the study. Generally, the older studies have smaller marginal increases, while the more recent studies have larger marginal increases. This suggests that the economies of scale of having more children is decreasing slightly. In turn, this suggests slightly larger increases to updated schedule amounts for more children.

## Comparisons by Income Ranges

There are at least two caveats to using Exhibit 7 to imply the impact of using more current BR measurements.

- Exhibit 7 compares the measurements as percentages of total household expenditures. As discussed later, this base-total household expenditures-is converted to after-tax (net) income, then converted to a gross-income basis, which is the foundation of the Maryland child support schedule. As discussed in more detail in Appendix A, they are converted to net income using the average expenditures to net income ratios of the same families from the 2013-2019 CE data that Betson used to prepare his most recent estimates.
- Exhibit 7 compares the measurements for all child-rearing expenditures including expenditures for the child's healthcare expenses and childcare expenses. The current Maryland schedule does not include the cost of the child's health insurance, the child's extraordinary medical expenses (e.g., out-of-pocket expense for an ambulance), or work-related childcare expenses. These expenses are subtracted out of the BR measurements using average expenditures for health care and childcare for the same families from the 2013-2019 CE data. (This is also discussed in Appendix A.)

Exhibit 8, Exhibit 9, and Exhibit 10 compare the amounts over a larger income range and with childcare and the child's extraordinary medical expenses subtracted. It shows little change in the BR
measurements at low incomes. In fact, as shown in Appendix B, there are some anomalous decreases up to $\$ 10$ per month (1\%) for one child for incomes below $\$ 5,500$ gross per month. This decrease may result from sampling error or changes in medical and childcare expenses that cause some shifting away from other child-rearing expenditures. For the updated schedule using the BR5/USDA measurements, the existing amounts for the one-child amounts are used instead of the BR5 amounts where there are decreases. The more current BR measurements allow the schedule to consider combined gross incomes through $\$ 40,000$ per month. This expansion is shown in the exhibits. Since the USDA did not
update its study, there is no expansion to higher incomes for the USDA amounts. The gap between BR5 and the USDA at high incomes illustrates the difference between the two studies.

Exhibit 8: Comparisons for One Child


Exhibit 9: Comparisons for Two Children


Exhibit 10: Comparisons for Three Children


Factor 5: Adjust to Current Price Levels
The existing schedule is based on price levels from July 2018. The most current price level data available when this report was written was from July 2022. Prices have increased by 17.6 percent between the two time periods. This does not mean a 17.6 percent increase in the schedule amounts because some of the increase is offset by incomes that have also increased over time.

## Factor 6: Adjust for Maryland Prices

Price parity is a measure of how much a region's prices differ from the U.S. average. It was developed and updated by the U.S. Bureau of Economic Analysis. The year, 2016, was the most recent data available in 2018 when the schedule was developed. IN 2016, Maryland's price parity was 109.5. It means that Maryland's prices were 9.5 percent more than the national average. The most recent price parity is from 2020. It indicates that Maryland's prices are 6.5 percent more than the national average. ${ }^{62}$ In other words, the price gap is closing. Both the BR5, which is based on national data, and the USDA measurements for the nation are adjusted using Maryland's 2020 price parity.

## Factor 7: Exclude Childcare Expenses and Out-of-Pocket Healthcare Costs

The measurements of child-rearing expenditures cover all child-rearing expenditures, including childcare expenses and the out-of-pocket healthcare expenses for the child. This includes out-of-pocket insurance premiums on behalf of the child and out-of-pocket, unreimbursed medical expenses exceeding the ordinary amounts included in the schedule such as copays for emergency room visits. These expenses

[^19]are widely variable among cases (e.g., childcare expenses for an infant are high, and there is no need for childcare for a teenager). Instead of putting them in the schedule, the actual amounts of the expenses are or can be addressed on a case-by-case basis within the guidelines. To avoid double-accounting in the schedule, these expenses are subtracted from the measurements when developing the existing and updated schedules. Appendix A provides the technical details on how this is done.

Inclusion of $\$ 250$ per Child per Year for Out-of-Pocket Medical Expenses
There is an exception to excluding the child's healthcare expenses from the schedule. An amount to cover ordinary out-of-pocket healthcare expenses (e.g., aspirin and copays for well visits) was retained in both the existing and updated schedules. The current schedule assumes up to $\$ 250$ per child per year for ordinary out-of-pocket healthcare expenses. That assumption is retained for the proposed, updated schedule because the average is still near $\$ 250$ per child per year. The concern, however, is the amount varies significantly among those with Medicaid and those with private insurance, particularly with high deductibles. The 2015 Medical Expenditure Panel Survey (MEPS) finds that the average out-of-pocket medical expense per child was $\$ 248$ per year but varied depending on whether the child was enrolled in public insurance such as Medicaid or had private insurance. Based on MEPS data, out-of-pocket medical expenses averaged $\$ 63$ per child per year for children who had public insurance and $\$ 388$ per child per year for those with private insurance. ${ }^{63}$ The 2017 MEPS data, which is the most current available, has not drilled down to the public insurance and private insurance level, but they do report an average for all children, $\$ 271$ per child, which is close to the $\$ 250$ level.

Some states are responding to the disparity in out-of-pocket expenses between those with public insurance and those with private insurance in two ways. One way is to include no ordinary out-of-pocket medical expenses (e.g., Connecticut and Virginia) in their schedules. This would reduce the schedule amounts. This means parents must share receipts for all out-of-pocket medical expenses, not just those exceeding \$250 per child per year. The major pro of this approach is it more accurate. The major cons are that it requires more information sharing and coordination between the parties and that the burden falls on the parent incurring the expense. The parent incurring the expense must save receipts, notify the other parent, and initiate an enforcement action if the other party fails to pay his or her share. In addition to including no ordinary out-of-pocket medical expenses in the schedules, Michigan and Ohio take the method one step further. Not only do they exclude all healthcare expenses from the schedule, but they provide a standardized amount of out-of-pocket medical expenses that is added in the worksheet as a line item similar to the add-on for childcare expenses. That amount can vary depending on whether the insurance is private insurance or Medicaid enrollment.

Exhibit 11 illustrates how this works in Ohio, which uses annual income. The pros to this approach are that it can better address the out-of-pocket healthcare expenses and does not require a change in the schedules to update the standardized amount for out-of-pocket medical expenses. The cons are that it

[^20]makes the calculation more cumbersome and requires knowledge of whether the children are enrolled in Medicaid (which may change frequently).

Although there is concern about the treatment of healthcare expenses, no alternative has emerged as clearly superior and more appropriate than the current approach for addressing the child's healthcare expenses.

Exhibit 11: Illustration of Ohio's Alternative Approach to Out-of-Pocket Medical Expenses

| Worksheet Calculation |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: |
|  |  | Parent A | Parent B | Combined |
| 1. | Annual Income | $\$ 40,000.00$ | $\$ 40,000.00$ | $\$ 80,000.00$ |
| 2. | Share of Income | $50 \%$ | $50 \%$ |  |
| 3. | Schedule Amount <br> (Annual) |  |  | $\$ 20,000.00$ |
| 4. | Annual Cash <br> Medical |  |  | $\$ 388.70$ |
| 5. | Total Obligation |  |  | $\$ 20,388.70$ |
| 6. | Each Parent's Share <br> (Line 2 x Line 5) | $\$ 10,194.35$ | $\$ 10,194.35$ |  |


| Cash Medical Obligation |  |
| :---: | :---: |
| Number of <br> Children | Annual Cash <br> Medical <br> Amount |
| 1 | $\$ 388.70$ |
| 2 | $\$ 777.40$ |
| 3 | $\$ 1,166.10$ |
| 4 | $\$ 1,554.80$ |
| 5 | $\$ 1,943.50$ |
| 6 | $\$ 2,332.20$ |

Factor 8: Conversion of Expenditures to After-Tax Income
Factors 8 and 9 are only issues for the BR measurements because the BR measurements are expressed as a percentage of total expenditures; hence, they must be translated into a gross-income basis, which is the basis of the child support schedule. The USDA is already expressed as gross-income amounts.

The need for this conversion to the BR measurements is illustrated by Exhibit 6 that shows some families spend more or less than their income. As stated earlier, Betson reports the measurements of childrearing expenditures as a percentage of total expenditures. Thus, they must be converted from a percentage of total expenditures to a gross-income basis because the child support schedule relates to gross income. This is a two-step process. The first step is converting expenditures to net income.

The conversion was done by taking the expenditures-to-income ratio for the same subset of CE families used to develop the measurements of child-rearing expenditures for both the existing and proposed child support schedules. The ratios from the most recent BR5 study are shown in Appendix A, as well as an example of how the conversion is made. An exception is made at lower incomes, because as shown in Exhibit 6, they spend more than their after-tax income on average.

This conversion method is common among most income shares guidelines. The only known exception is that the District of Columbia assumes that all after-tax income is spent and, hence, makes no adjustment. (This results in larger schedule amounts that become progressively larger as income increases.) There is no compelling reason for Maryland to adapt the District of Columbia approach.

Factor 9: Conversion to Gross Income
After the BR measurements of child-rearing expenditures are converted to after-tax income as described above, then they are converted to gross income. This is because the schedule considers the gross incomes of the parties. For both the existing and updated schedules, the conversion to gross income relies on the federal withholding formula ${ }^{64}$ and state and local income tax rates. ${ }^{65}$ The federal withholding formula also considers FICA. The Social Security and Medicare tax is 6.2 percent for incomes up to $\$ 147,000$ per year. Above that level, the Medicare tax of 1.45 percent applies. In addition, the 0.9 percent additional Medicare tax for incomes above $\$ 200,000$ per year is also considered.

The federal income withholding formula provides for different formulas depending on which year of the IRS W-4 form the employer uses to calculate income tax withholding. The alternative formulas produce the same amounts at lower and middle incomes, but there are slight differences at very high incomes. The IRS developed alternative methods to accommodate sweeping tax reform that became effective January 1, 2018, due to the Tax Cuts and Jobs Act of 2017 (Pub. L. 115-97), which increased the standard deduction and repealed personal exemptions. Earlier IRS W-4 forms still accommodate personal exemptions. The 2020 and later W-4 forms do not. It is assumed that the $2020 \mathrm{~W}-4$ (or later) form is used and the manual percentage method formula for a single taxpayer is used. For state and local income taxes, the standard deduction and one exemption is used. This is consistent with the federal withholding formula. The local tax is assumed to be 3.10 percent, which is the approximate median local tax. A 3.0 percent local income tax is used in the existing schedule, but several localities have increased their income tax rates.

Using federal and state and local income tax withholding formulas and assuming all income is taxed at the rate of a single tax filer with earned income is a common assumption among most states and the assumption underlying the existing Maryland schedule. Most alternative federal tax assumptions would result in more after-tax income-hence, higher schedule amounts. For example, the District of Columbia assumes the tax-filing status is for a married couple claiming the number of children for whom support is being determined. The District used this assumption prior to 2018 tax reform that eliminated the federal tax allowance for children and expanded the federal child tax credit from $\$ 1,000$ per child to $\$ 2,000$ per child and higher for tax year 2021. The 2018 federal tax changes are scheduled to expire in 2025.

Since the income conversion assumes single tax filing status, there is no adjustment for the child tax credit or the Earned Income Tax Credit (EITC). The child tax credit would be impossible to include in the schedule since it applies to one parent and that parent's income must be within a certain range to receive the full child tax credit and another range to receive a partial child tax credit (which the IRS calls the additional child tax credit). In contrast, the schedule considers the combined gross income of the parents. Say the combined income of the parents is $\$ 150,000$ per year. If the parents have equal incomes (\$75,000 per year), either parent's income would make them income-eligible for the full child

[^21]tax credit. Say, however, that the obligated parent's income is $\$ 150,000$ and the other has no income, the parent without income would not be income-eligible for the child tax credit. The EITC is not considered because it is a means-tested program. Most states do not consider mean-tested income to be income available for child support.

The pro of considering an alternative tax assumption such as assuming the tax-filing status is married better aligns with the economic measurements of child-rearing expenditures because the measurements consider households in which the parents and children live together, so they would probably file as a married couple. They also could be set up to include the federal child tax credit, the additional child tax credit, the earned income tax credit, or a combination of these child-related tax credits. The cons are that this would be a change in the previous assumption that is not necessarily justifiable and may not be consistent with current practices.

Factor 9: Incorporate the Self-Support Reserve and Minimum Order
The low-income adjustment of the existing guidelines consists of two parts:

- A minimum order of $\$ 50$ per month that increases slightly for more children (i.e., $\$ 55$ for two children, $\$ 57$ for three children, $\$ 58$ for four children, $\$ 59$ for five children, and $\$ 60$ for six children); and
- A self-support reserve (SSR) adjustment of $\$ 1,145$ gross per month, which is 110 percent of the 2019 federal poverty guidelines (FPG) for one person.

The minimum order applies to incomes below the SSR. The amounts of the SSR and the minimum order are policy decisions. Most states relate their SSR to the federal poverty guidelines (FPG) for one person. Some states adjust for their low or high income or because many anti-poverty programs set income eligibility above the FPG (e.g., SNAP uses 130 percent of the FPGO). The highest amount is used by New Jersey: 150 percent of the FPG. Arizona relates its SSR to its state's minimum wage. Some states provide a zero order for incomes below the SSR or under certain circumstances where the obligated parent has no or extremely limited ability to pay (e.g., incarcerated parents). Other states take the policy decision that even a token amount demonstrates a financial responsibility to the child. For the purposes of the updated schedules, the SSR is updated 110 percent of the 2020 FPG, which is $\$ 1,246$. The minimum order amounts are retained. If the difference between the combined income and the SSR is less than the BR5 schedule amount at that income and number of children, the difference forms the basis of the schedule amount. The difference is adjusted by a percentage (e.g., $70 \%$ for one child), so not all of the increased income is assigned to child support. The percentage adjustment is increased for more children: 75 percent for two children; 77 percent for three children; 78 percent for four children; 79 percent for five children; and 80 percent for six children. If the difference between the combined income and the SSR is more than the BR5-proposed schedule amount, the BR5 proposed schedule amount is inserted into the updated schedule. For example, at a gross income of $\$ 1,700$ per month the BR schedule amount would be $\$ 346$ for one child. However, the difference between $\$ 1,700$ and $\$ 1,246$ (the updated SSR) is $\$ 454$ per month. When that amount is multiplied by 70 percent (the percentage adjustment for one child), it is $\$ 319$ per month. That is the amount inserted into the schedule. Using this approach, the SSR is phased out at gross incomes of $\$ 1,800$ per month for one child; $\$ 2,100$ per
month for two children; \$2,400 per month for three children; \$2,600 per month for four children; $\$ 2,850$ per month for five children; and $\$ 3,100$ per month for six children.

## Section 3: Impact of Updating the Schedule and Self-Support Reserve

Section 3 considers the impact of updating the child support schedule and the self-support reserve (SSR). It uses eight case scenarios to examine the impact of updating the schedule. Appendix B provides side-by-side comparisons of the existing and proposed schedules.

Exhibit 12 shows the average and median change above the SSR-adjusted areas of the updated BR5/USDA schedule. These are changes to the schedule amount; that is, the amount owed by both parents. In other words, this is before the obligated parent's share is determined. The average change ranges from 2 percent for one child to 4 percent for two or more children. Even the maximum changes are modest: 4 percent for one child and 8 percent for two and more children.

Exhibit 12: Average and Median Changes above the SSR for Updated, BR5/USDA Schedule

|  | One Child |  | Two Children |  | Three Children |  | Four Children |  | Five Children |  | Six Children |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average Change | \$41 | 2\% | \$107 | 4\% | \$118 | 4\% | \$133 | 4\% | \$147 | 4\% | \$161 | 4\% |
| Median Change | \$62 | 2\% | \$119 | 4\% | \$133 | 3\% | \$149 | 3\% | \$164 | 3\% | \$178 | 4\% |
| Minimum Change | \$0 | 0\% | \$ 20 | 2\% | \$16 | 1\% | \$ 18 | 1\% | \$ 20 | 1\% | \$ 21 | 1\% |
| Maximum Change | \$88 | 4\% | \$149 | 8\% | \$170 | 8\% | \$190 | 8\% | \$209 | 8\% | \$199 | 8\% |

Exhibit 13 shows the average and median changes to the updated BR5/USDA schedule above the SSR and below combined incomes less than $\$ 10,000$ per month. This is the area that the BR5 measurements would apply. The increase is due to using the new BR measurements, changes in price levels, changes in tax rates, and changes in Maryland's price parity. Zero changes mean the existing schedule amount was retained. This occurs for one-child amounts only. Despite all of the factor changes there were some anomalous decreases at one-child. Due to sampling error and recent rampant inflation the anomaly is corrected for in the BR5/USDA schedule. Without the correction, the maximum decrease these income would be $\$ 25$ per month, which is still nominal.

Exhibit 13: Average and Median Changes above the SSR and below Combined Incomes of $\mathbf{\$ 1 0 , 0 0 0}$ per month

|  | One Child |  | Two Children |  | Three Children |  | Four Children |  | Five Children |  | Six Children |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average Change | \$4 | 0\% | \$59 | 4\% | \$64 | 4\% | \$72 | 4\% | \$81 | 4\% | \$90 | 4\% |
| Median Change | \$0 | 0\% | \$49 | 3\% | \$53 | 3\% | \$61 | 3\% | \$74 | 3\% | \$86 | 3\% |
| Minimum Change | \$0 | 0\% | \$20 | 2\% | \$16 | 1\% | \$ 18 | 1\% | \$20 | 1\% | \$ 21 | 1\% |
| Maximum Change | \$36 | 3\% | \$125 | 8\% | \$149 | 8\% | \$166 | 8\% | \$183 | 8\% | \$199 | 8\% |

Exhibit 14Exhibit 13 shows the average and median changes in the updated BR5/USDA schedule between incomes of $\$ 10,001$ and $\$ 15,000$ per month, which are interpolated amounts between the BR5 amount at $\$ 10,000$ per month and the USDA amounts at $\$ 15,000$ per month. There is also no change to the one-child amounts at this income range.

Exhibit 14: Average and Median Changes between Combined Incomes of \$10,001 - \$14,999 per month

|  | One <br> Child |  | Two Children |  | Three Children |  | Four Children |  | Five Children |  | Six Children |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average Change | \$0 | 0\% | \$121 | 5\% | \$118 | 4\% | \$132 | 4\% | \$146 | 4\% | \$158 | 4\% |
| Median Change | \$ 0 | 0\% | \$121 | 5\% | \$118 | 4\% | \$132 | 3\% | \$146 | 4\% | \$158 | 4\% |
| Minimum Change | \$0 | 0\% | \$ 97 | 5\% | \$ 73 | 3\% | \$ 81 | 3\% | \$ 89 | 3\% | \$97 | 3\% |
| Maximum Change | \$ 0 | 0\% | \$144 | 5\% | \$164 | 5\% | \$183 | 5\% | \$202 | 5\% | \$219 | 5\% |

Exhibit 15 shows the average and median changes in the updated BR5/USDA schedule for incomes of $\$ 15,000$ and more, which is where the USDA measurements apply and have been updated for changes in price levels and Maryland's price parity. At these incomes, the change is driven by changes in price levels, but partially offset by Maryland's decrease price parity (i.e., the gap between Maryland prices and the U.S. average price has narrowed). The change is not uniform across incomes and number of children because income ranges were also adjusted.

Exhibit 15: Average and Median Changes between Combined Incomes of \$15,000-\$30,000 per month

|  | One Child |  | Two Children |  | Three Children |  | Four Children |  | Five Children |  | Six Children |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average Change | \$74 | 3\% | \$128 | $3 \%$ | \$145 | 3\% | \$162 | 3\% | \$179 | 3\% | \$194 | 4\% |
| Median Change | \$74 | 3\% | \$128 | 3\% | \$145 | 3\% | \$162 | 3\% | \$179 | 3\% | \$194 | 4\% |
| Minimum Change | \$61 | 2\% | \$106 | 2\% | \$121 | 2\% | \$135 | 2\% | \$148 | 2\% | \$161 | 1\% |
| Maximum Change | \$88 | 4\% | \$149 | 5\% | \$170 | 5\% | \$190 | 5\% | \$209 | 5\% | \$227 | 8\% |

## COMPARISONS OF CASE SCENARIOS

Side-by-side comparisons of schedule amounts are provided in Appendix B. Exhibit 16 shows the eight case scenarios examined in this section. The first two scenarios assume earnings at the 2022 state minimum wage of $\$ 12.50$ per hour. The first scenario considers 30 hours per week, and the second scenario considers 40 hours per week. Many low-wage jobs do not offer 40-hour workweeks. Further, they may not offer work every week of the year, may not offer paid time off (which exacerbates reduced earnings if the parent is not working every week of the year, and often have high turnover rates). The median earnings of Maryland workers by highest educational attainment and gender are the basis of case scenarios 4-8. Earnings are reported for five levels of educational attainment for Maryland workers by the U.S. Census 2020 American Community Survey. ${ }^{66}$ Male median earnings are used as the incomes of the obligated parent in the scenarios and female median earnings are used for the receiving party's income. ${ }^{67}$ The last scenario consider high incomes. There are no adjustments to base support or deductions from income for special factors such as the cost of the child's health insurance premium or substantial shared physical custody.

[^22]Exhibit 16: Summary of Case Scenarios Used to Compare Impact of Updated Schedule

| Case Scenario | Gross Monthly Income of Obligated Parent | Gross Monthly Income of Receiving Party |
| :---: | :---: | :---: |
| 1. Minimum wage earner ( $\$ 12.50$ per hour) at 30 hours per week | \$1,625 | \$0 |
| 2. Minimum wage earner ( $\$ 12.50$ per hour) at 40 hours per week | \$2,167 | \$0 |
| 3. Parent's earnings are equivalent to median earnings of Maryland workers with less than a high school education | \$2,825 | \$1,775 |
| 4. Parent's earnings are equivalent to median earnings of Maryland workers whose highest educational attainment is a high school degree or GED | \$3,569 | \$2,585 |
| 5. Parent's earnings are equivalent to median earnings of Maryland workers whose highest educational attainment is some college or an associate's degree | \$4,466 | \$3,290 |
| 6. Parent's earnings are equivalent to median earnings of Maryland workers whose highest educational attainment is a college degree | \$6,482 | \$4,661 |
| 7. Parent's earnings are equivalent to median earnings of Maryland workers whose highest educational attainment is a graduate degree | \$8,925 | \$6,402 |
| 8. High-income earners (parents have equal incomes, combined income $=\$ 25,000$ gross per month) | \$12,500 | \$12,500 |

The comparisons also consider the guidelines of neighboring states. Exhibit 17 compares the guidelines basis of Maryland to that of bordering states and other state characteristics. All bordering states rely on the income shares model and BR measurements except Delaware, which relies on the Melson formula. The BR measurements are not conducive to use in a Melson formula. West Virginia still relies on the oldest BR study but is currently reviewing its guidelines. Because of the age of the West Virginia schedule, it does little to inform Maryland; hence, it is excluded from the state comparisons. Pennsylvania relies on the most current BR study. None of the neighboring states use the USDA study or increase the BR amounts at high incomes except for the District of Columbia, which increased the BR amounts to account for the high cost of housing in the District of Columbia. Exhibit 17 shows that the District of Columbia has a higher price parity and median gross rents than any other state considered in the comparisons. Still, the District of Columbia only considers combined incomes through \$250,000 gross per year. (The District of Columbia uses annual incomes instead of monthly incomes.) Exhibit 17 shows that the states vary significantly in their low-income adjustments; however, all but Virginia provide $\$ 250$ per child per year to cover ordinary medical expenses for the child (e.g., some copays).

Both Delaware and Pennsylvania rely on net income. Gross income is converted to net income using 2022 federal, Maryland, and local taxes. This assumption avoids guidelines differences caused by different state tax rates.

Exhibit 17: Comparison of Selected Factors among Neighboring States

|  | US | MD | DE | DC | PA | VA | wv |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Last Guidelines review | N/A | 2016 | 2018 | Current | 2020 | 2021 | Current |
| Guidelines Model | N/A | Income shares | Melson | Income shares | Income shares | Income shares | Income shares |
| Base of Guideline Income | N/A | Gross | Gross | Gross | Net | Gross | Gross |
| Adjusted for State Income or Prices | N/A | Yes | Yes | Yes | No | No | Yes |
| Underlying Economic Study | N/A | BR4/USDA | Various Results from CE survey | BR3 | BR5 | BR4 | BR1 |
| Years of Consumer Expenditure Survey Data, If Applicable | N/A | 2004-2009 | 2012-2016 | 1996-1999 | 2013-2019 | 2004-2009 | 1980-1986 |
| Year of Price Levels Considered | N/A | 2018 | 2018 | 2003 | 2020 | 2013 | 1999 |
| Highest Income Considered in Schedule/Formula |  | \$30,000 gross per month | Infinite | \$250,000 gross per year | Formula above \$30,000 net per month | $\begin{gathered} \text { Formula above } \\ \$ 35,000 \\ \text { per month } \end{gathered}$ | \$15,000 gross per month |
| Type of Low-Income Adjustment and Self-Support Reserve (SSR) Amount | N/A | SSR of \$1,170 gross incorporated in schedule | Primary Support: \$1,250 gross | SSR: $133 \%$ of FPG in worksheet: \$1,507 gross | $\begin{aligned} & \text { SSR of \$1,073 } \\ & \text { net } \\ & \text { incorporated in } \\ & \text { schedule } \end{aligned}$ | SSR (of unknown amount) incorporated in table | SSR of $\$ 500$ in worksheet |
| Minimum Order | N/A | \$50+ for more children | \$100+ for more children | \$75 | None | $\$ 68+$ for more children | \$50 |
| Base Amount Includes Medical Expenses | N/A | \$250 per child per year | None | \$250 per child per year | \$250 per child per year | None | \$250 per child per year |
| 2021 IV-D Child Support Caseload | 12,665,871 | 168,587 | 73,056 | 41,728 | 313,720 | 268,805 | 90,094 |
| 2021 Percentage of IVD Opened Caseload under Order | 77.9\% | 74.1\% | 71.7\% | 73.5\% | 76.9\% | 81.1\% | 73.2\% |
| 2021 Percentage of Current Support Collected and Distributed ${ }^{\text {c }}$ | 66.9\% | 68.7\% | 60.5\% | 58.0\% | 84.3\% | 64.0\% | 68.3\% |
| 2019 Median Income (two parents) | \$103,978 | \$135,778 | \$109,776 | \$210,983 | \$107,671 | \$119,445 | \$82,490 |
| 2019 Median Income (female householder) | \$31,035 | \$42,769 | \$33,068 | \$33,989 | \$30,439 | \$34,138 | \$20,994 |
| 2019 Median Gross Rent | \$1,097 | \$1,401 | \$1,116 | \$1,602 | \$951 | \$1,254 | \$727 |
| 2022 Minimum Hourly Wage | \$7.25 | \$12.50 | \$10.50 | \$16.10 | \$7.25 | \$11.00 | \$8.75 |
| 2020 Price Parity | 100.0 | 106.5 | 97.9 | 111.5 | 97.6 | 101.0 | 88.0 |

Exhibit 18, Exhibit 19, and Exhibit 20 compare case scenarios 1-4 for one, two, and three children. Exhibit 21, Exhibit 22, and Exhibit 23 compare case scenarios 5-8 for one, two, and three children. According to the statistics from other states, about 55 to 70 percent of orders are for one child, about 25 to 30 percent are for two children, and about 10 to 15 percent are for three or more children. (The patterns for four children would be similar for three children.)

Exhibit 18: Comparisons of Case Scenarios 1-4 for One Child


Exhibit 19: Comparisons of Case Scenarios 1-4 for Two Children


Exhibit 20: Comparisons of Case Scenarios 1-4 for Three Children


Exhibit 21: Comparisons of Case Scenarios 5-8 for One Child


Exhibit 22: Comparisons of Case Scenarios 5-8 for Two Children


Exhibit 23: Comparisons of Case Scenarios 5-8 for Three Children


## General Observations from the Case Scenarios

- Increasing the SSR produces decreases at very low incomes. This is the situation for Case 1 that considers a minimum wage earner with 30 hours per week. (Most service sector jobs do not offer 40-hour workweeks.) The order would be reduced by $\$ 64$ per month for one child, $\$ 86$ per month for two children, and $\$ 78$ per month for three children. The three-child amount under Case 2 is also affected by the proposed increase to the SSR, but the one- and two-child amount are not. This is because order amounts are higher for more children. Other case scenarios are not affected by the SSR.
- Maryland's low-income adjustment (which is the SSR and the minimum order) is not as generous as those of other states. Delaware and Pennsylvania generally have more generous low-income adjustments. These states recently updated their low-income adjustments. The other states have older low-income adjustments. Delaware's low-income adjustment even affects other scenarios. One key difference between Delaware's SSR is it applies to net income rather than gross income. This is one reason it applies to higher incomes.
- The BR5 update is significantly less than the BR5/USDA update at high incomes. One reason is because the BR5 estimates of child-rearing expenditures are less than the USDA measurements.
- The proposed increases under BR5/USDA are more at higher incomes than at lower incomes. This is because they start with a higher base amount. Still, the proposed increases are never more than $\$ 100$ per month.
- At high incomes, the Maryland schedule amounts are higher than most states but not the District of Columbia. This is because Maryland relies on the USDA as its basis at high incomes. Although the District of Columbia relies on a BR measurement, it assumes all income is spent and there is no savings at every income level. This assumption yields higher amounts. The Virginia amounts are low because it is the oldest guidelines considered in the comparisons. Delaware reduced its guidelines percentages during its last review in 2018. This appears to be the factor affecting the low Delaware amounts.


## Section 4: Summary and Conclusions

Maryland is reviewing its child support schedule. This report reviews the economic data on the cost of raising children and uses it to prepare updated child support schedules. The existing Maryland schedule is based on two different studies of child-rearing expenditures. The Betson-Rothbarth (BR) measurements form the basis of the schedule at low incomes and the USDA measurements form the basis of the schedule at high incomes. The studies differ in their methodologies used to measure childrearing expenditures. At the time, the USDA study was more current than the BR study; however, applying it to all incomes would have produced significant increases at very low incomes.

There is a new BR study, but the USDA has not updated its study. As a result, two updated schedules are developed: one using the new BR study at all income levels, and the other using the new BR study at low incomes and the USDA study (updated for changes in price levels and Maryland's most current price parity) at high incomes. Which study to use is a policy decision, but there are no overwhelming compelling reasons to switch from the use of two studies to using one study at this time.

There are many other factors considered in the update, including changes in payroll taxes that affect income available for expenditures and the federal poverty guidelines, which is used to update the selfsupport reserve (SSR). The existing and updated schedules include all child-rearing expenditures except childcare expenses and the child's healthcare expenses (except for the first $\$ 250$ per child per year to cover ordinary medical expenses). The actual amount expended on childcare, the child's health insurance, and the child's extraordinary medical expenses are to be considered in the calculation of support on a case-by-case basis. The schedules are updated to 2022 price levels and for Maryland's most recent price parity.

The BR/USDA updated schedule generally produces increases except where the self-support reserve is updated to reflect the 2022 federal poverty guidelines for one person. Since Maryland recently updated its schedule, the proposed changes are modest. The average change ranges from 2-4 percent depending on the number of children. The maximum increase is $4-8$ percent depending on the number of children.

Updating the SSR would produce significant decreases at very low incomes; however, it would not affect parents with incomes equivalent to earnings from a 40-hour workweek at minimum wage. Still, it would affect those with minimum-wage incomes who have a 30-hour workweek.

## CONCLUSION

Maryland has fulfilled the federal requirement to consider economic data on the cost of raising children. Updating the schedule using more current numbers but the same assumptions and retaining the USDA for high-income amounts would produce modest increases. Still, the increases could make a difference to a child's life. Updating the low-income adjustment (which is a self-support reserve based on the 2019 federal poverty guidelines for one person) would also be fair and just to low-income parents required to pay support.

## Appendix A: Technical Documentation of the Updated Schedule

There are several technical considerations and steps taken to update a child support schedule. Focus is given to the BR update, which applies to incomes of $\$ 10,000$ gross per month and less because there are more steps and assumptions. First, a brief overview of how the USDA study results were converted to a child support schedule is described. The USDA-derived amounts apply to incomes of $\$ 20,000$ gross per month and more. The amounts between $\$ 10,000$ and $\$ 20,000$ are interpolated to create a steady consistent (linear) increase to the basic obligations with increases to income.

## USDA Conversion

Developing a schedule from the USDA study is more straightforward. The USDA-amounts are from Table 1 of the USDA report, which considers estimated annual child-rearing expenditures for the United States in 2015. Expenses are averaged across all age groups, and "childcare and education" expenses are excluded as well as all healthcare costs except $\$ 250$ per child per year. There is insufficient information to separate childcare expenses and education expenses. In turn, these adjusted average amounts are updated to July 2022 price levels and increased to reflect Maryland's price parity. Incomes are also adjusted using July 2022 price levels. There are several limitations to this approach. Expenditures and income may not have changed at the same rate that price levels did. Of particular concern is that the USDA presents its findings in relationship to gross income, but expenditures are made based on spendable income, which is after-tax income. The data used for the USDA study was collected before major tax reform became effective in 2018. The pandemic also is likely to have affected expenditure patterns.

The adjusted average expenses for each of the three income ranges used by the USDA is divided by the average income for that range to arrive at a ratio of child-rearing expenditures to gross income. Marginal percentages are derived between the average ratio of the lowest and middle income ranges, as well as the middle income range and the high income range. The ratio for the highest income is applied to incomes above the average income of that range. The result is a tax-like schedule that is applied to gross incomes of $\$ 15,000$ to $\$ 30,000$ per month. The multipliers in Table 1 of the USDA report are used to adjust for the number of children.

## Betson-Rothbarth Conversion

Exhibit A-1 shows the national data that Betson provided CPR to convert the BR5 measurements to a child support schedule that is adjusted for Maryland. For Exhibit A-1, which considers national data, Betson provided CPR with information for 25 income ranges that were generally income intervals of $\$ 5,000$ to $\$ 20,000$ per year. CPR collapsed a few of them to average out some anomalies (e.g., a spike in the percentage of total expenditures devoted to child-rearing expenditures once childcare and extraordinary medical expenses were excluded from a particular income range). The collapsing resulted in the 20 income ranges shown in Exhibit A-1.

Exhibit A-1: Parental Expenditures on Children and Other Expenditures by Income Range Used in the BR5 Measurements (National Data)

| Annual After-Tax Income Range (2020 dollars) | Number of Observations | Total Expenditures as a \% of After-Tax Income | Expenditures on Children as a \% of Total Consumption Expenditures (Rothbarth 2013-2019 data) |  |  | Childcare \$ as a \% of Consumption (per child) | Total Excess Medical \$ as a \% of Consumption |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1 Child | 2 Children | 3 Children |  | (per capita) | (total) |
| \$ $0-\$ 19,999$ | 283 | >200\% | 22.433\% | 34.670\% | 42.514\% | 0.473\% | 0.870\% | 3.005\% |
| \$20,000 - \$29,999 | 306 | 134.235\% | 23.739\% | 36.642\% | 44.893\% | 0.437\% | 0.894\% | 3.208\% |
| \$30,000 - \$34,999 | 306 | 107.769\% | 24.057\% | 37.118\% | 45.462\% | 0.407\% | 1.047\% | 3.722\% |
| \$35,000 - \$39,999 | 409 | 103.780\% | 24.222\% | 37.364\% | 45.755\% | 0.647\% | 1.390\% | 4.878\% |
| \$40,000 - \$44,999 | 428 | 100.064\% | 24.362\% | 37.571\% | 46.002\% | 0.721\% | 1.468\% | 5.301\% |
| \$45,000 - \$49,999 | 416 | 97.195\% | 24.452\% | 37.705\% | 46.161\% | 0.747\% | 1.539\% | 5.485\% |
| \$50,000 - \$54,999 | 399 | 92.716\% | 24.509\% | 37.789\% | 46.261\% | 0.855\% | 1.609\% | 5.887\% |
| \$55,000 - \$59,999 | 367 | 90.548\% | 24.580\% | 37.894\% | 46.386\% | 1.210\% | 2.166\% | 7.389\% |
| \$60,000 - \$64,999 | 335 | 86.130\% | 24.615\% | 37.945\% | 46.447\% | 0.776\% | 2.071\% | 7.474\% |
| \$65,000 - \$69,999 | 374 | 84.016\% | 24.668\% | 38.025\% | 46.541\% | 1.255\% | 2.114\% | 7.525\% |
| \$70,000 - \$74,999 | 333 | 82.671\% | 24.725\% | 38.108\% | 46.640\% | 1.586\% | 2.121\% | 7.375\% |
| \$74,999 - \$84,999 | 615 | 82.690\% | 24.820\% | 38.249\% | 46.807\% | 1.743\% | 2.343\% | 7.894\% |
| \$85,000 - \$89,999 | 318 | 78.663\% | 24.863\% | 38.311\% | 46.880\% | 1.392\% | 2.155\% | 8.331\% |
| \$90,000 - \$99,999 | 565 | 76.240\% | 24.912\% | 38.384\% | 46.966\% | 1.658\% | 2.000\% | 7.888\% |
| \$100,000 - \$109,999 | 493 | 75.488\% | 24.996\% | 38.508\% | 47.113\% | 2.159\% | 1.946\% | 7.121\% |
| \$110,000 - \$119,999 | 374 | 73.058\% | 25.054\% | 38.593\% | 47.213\% | 2.523\% | 1.942\% | 7.583\% |
| \$120,000 - \$139,999 | 468 | 71.731\% | 25.142\% | 38.722\% | 47.365\% | 2.477\% | 1.893\% | 6.494\% |
| \$140,000 - \$159,999 | 240 | 70.658\% | 25.266\% | 38.904\% | 47.579\% | 3.073\% | 1.855\% | 7.516\% |
| \$160,000 - \$199,999 | 512 | 62.753\% | 25.322\% | 38.986\% | 47.676\% | 1.790\% | 1.806\% | 7.037\% |
| \$200,000 or more | 498 | 58.427\% | 25.571\% | 39.350\% | 48.103\% | 2.459\% | 1.554\% | 6.501\% |

Detailed Steps Used to Arrive at BR5-Based Schedule
The steps used to convert the information from Exhibit A-1 to the updated schedules are generally the same steps used to develop the existing schedule.

The steps are presented in the order they occur, not in the order of the factors discussed in Section 2.
The steps consist of:
Step 1: Exclude childcare expenses;
Step 2: Exclude child's healthcare expenses except up to the first $\$ 250$ per year per child that is used to cover ordinary, out-of-pocket medical expenses for the child;

Step 3: Adjust for ratio of expenditures to after-tax income;
Step 4: Update for current price levels;
Step 5: Develop marginal percentages;
Step 6: Extend measurements to four and more children;
Step 7: Adjust for Maryland's price parity;
Step 8: Convert to gross income; and

Step 9: Incorporate the self-support reserve (SSR).
Step 1: Exclude Childcare Expenses
Childcare expenses are excluded because the actual amount of work-related childcare expenses is considered in the guidelines calculation on a case-by-case basis. The actual amount is considered because of the large variation in childcare expenses: the childcare expense is none for some children (e.g., older children) and substantial for others (e.g., infants in center-based care). Not to exclude them from the schedule and to include the actual amount in the guidelines calculation (typically as a line item in the worksheet) would be double-accounting.

Starting with the expenditures on children, which is shown in fourth column of Exhibit A-1, average childcare expenses are subtracted from the percentage of total income devoted to child-rearing. For example, at combined incomes of $\$ 60,000$ to $\$ 64,999$ per year, 37.945 percent of total expenditures is devoted to child-rearing expenditures for two children. Childcare comprises 0.776 percent of total expenditures per child. The percentage may appear small compared to the cost of childcare, but it reflects the average across all children regardless of whether they incur childcare expenses. Childcare expenses may not incur because the children are older, a relative provides childcare at no expense, or another situation.

The percentage of total expenditures devoted to childcare is multiplied by the number of children (e.g., 0.776 multiplied by children is $1.552 \%$ ). Continuing with the example of a combined income of $\$ 60,000$ to $\$ 64,999$ net per year, 1.552 percent is subtracted from 37.945 percent. The remainder, 36.393 percent ( 37.945 minus 1.552 equals 36.393 ), is the adjusted percentage devoted to child-rearing expenditures for two children that excludes childcare expenses.

One limitation is that the CE does not discern between work-related childcare expenses and childcare expenses the parents incurred due to entertainment (e.g., they incurred childcare expenses when they went out to dinner.) This means that work-related childcare expenses may be slightly overstated. In turn, this would understate the schedule amounts. Similarly, if there are economies to scale for childcare, multiplying the number of children by the percentage per child would overstate actual childcare expenses. When subtracted from the schedule, this would reduce the schedule too much. However, due to the small percentage devoted to childcare expenses, any understatement is likely to be small.

Step 2: Exclude Medical Expenses
A similar adjustment is made for the child's medical expenses except an additional step is taken. Exhibit A-1 shows the excess medical percentage, which is defined as the cost of health insurance and out-ofpocket medical expenses exceeding $\$ 250$ per person per year. It is shown two ways: the per-capita amount and the average amount for the entire household. Either way considers expenditures on the two adults in the household. It is adjusted to a per-child amount since medical expenses of children are less. The underlying data do not track whether the insurance premium or medical expense was made for an adult's or a child's healthcare needs.

Based on the 2017 National Medical Expenditure survey, the annual out-of-pocket medical expense per child is $\$ 270$, while it is $\$ 615$ for an adult between the ages of 18 and $64 .{ }^{68}$ In other words, an adult's out-of-medical expenses are 2.28 times that of a child. This information is used to recalibrate the perperson excessive medical amount shown in Exhibit A-1 to a per-child amount. For example, at combined incomes of $\$ 60,000$ to $\$ 64,999$ per year, the total excess medical expense is 7.474 percent. The adjusted child amount is 7.474 divided by the weighted amounts for family members ( 6.1684 based on 2.28 times two adults plus the average number of children for this income range, 1.6084). The quotient, 1.212 percent, is the per-child amount for excess medical. It is less than the per-capita amount of 2.071 percent.

Continuing from the example in Step 1, where 36.393 is the percentage that excludes childcare for two children at a combined income of $\$ 60,000$ to $\$ 64,999$ per year, 1.212 multiplied by two children is subtracted to exclude the children's excessive medical expenses. This leaves 33.969 as the percentage of total expenditures devoted to raising two children, less childcare expenses and excess medical expenses.

## Step 3: Convert to After-Tax Income

The next step is to convert the percentage from above to an after-tax income by multiplying it by expenditures to after-tax income ratios. Continuing using the example of combined income of $\$ 60,000$ to $\$ 64,999$ per year, the ratio is 86.130 . When multiplied by 33.969 , this yields 29.257 percent of aftertax income being the percentage of after-tax income devoted to raising two children, excluding their childcare and excess medical expenses.

## Step 4: Adjust to Current Price Levels

The amounts in Exhibit A-1 are based on May 2020 price levels. They are converted to July 2022 price levels using changes to the Consumer Price Index (CPI-U), which is the most used price index. ${ }^{69}$ The adjustment is applied to the midpoint of each after-tax income range. Exhibit A-2 shows the midpoint in January 2022 dollars. Price levels have increased by 15.5 percent from May 2020 to July 2022.

[^23]| Annual After-Tax Income Range (May 2020 dollars) | Annual <br> Midpoint of Income Range (Jan. 2022 Dollars) | One Child |  | Two Children |  | Three Children |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Midpoint | Marginal Percentage | Midpoint | Marginal Percentage | Midpoint | Marginal Percentage |
| < \$30,000 | \$0 | 23.041\% | 23.041\% | 35.086\% | 35.086\% | 42.414\% | 42.414\% |
| \$30,000 - \$34,999 | \$35,638 | 23.041\% | 23.041\% | 35.086\% | 30.397\% | 42.414\% | 34.813\% |
| \$35,000 - \$39,999 | \$41,121 | 23.041\% | 20.834\% | 34.461\% | 34.031\% | 41.401\% | 40.211\% |
| \$40,000 - \$44,999 | \$46,603 | 22.782\% | 16.965\% | 34.410\% | 25.320\% | 41.261\% | 30.000\% |
| \$45,000 - \$49,999 | \$52,086 | 22.169\% | 10.445\% | 33.453\% | 14.985\% | 40.075\% | 17.008\% |
| \$50,000 - \$54,999 | \$57,569 | 21.053\% | 9.406\% | 31.694\% | 10.817\% | 37.879\% | 8.818\% |
| \$55,000 - \$59,999 | \$63,051 | 20.040\% | 13.143\% | 29.879\% | 22.110\% | 35.351\% | 29.299\% |
| \$60,000 - \$64,999 | \$68,534 | 19.488\% | 7.992\% | 29.257\% | 9.168\% | 34.867\% | 7.438\% |
| \$65,000 - \$69,999 | \$74,017 | 18.637\% | 11.118\% | 27.769\% | 14.584\% | 32.835\% | 14.789\% |
| \$70,000 - \$74,999 | \$79,500 | 18.118\% | 16.525\% | 26.860\% | 23.208\% | 31.591\% | 25.699\% |
| \$74,999 - \$84,999 | \$87,724 | 17.969\% | 12.081\% | 26.518\% | 19.891\% | 31.038\% | 25.883\% |
| \$85,000 - \$89,999 | \$95,948 | 17.464\% | 9.419\% | 25.950\% | 13.114\% | 30.597\% | 14.370\% |
| \$90,000 - \$99,999 | \$104,172 | 16.829\% | 12.140\% | 24.936\% | 16.107\% | 29.315\% | 16.595\% |
| \$100,000 - \$109,999 | \$115,137 | 16.382\% | 7.712\% | 24.095\% | 9.708\% | 28.104\% | 9.272\% |
| \$110,000 - \$119,999 | \$126,103 | 15.628\% | 14.265\% | 22.844\% | 21.151\% | 26.466\% | 24.896\% |
| \$120,000 - \$139,999 | \$142,551 | 15.471\% | 11.375\% | 22.649\% | 15.036\% | 26.285\% | 15.418\% |
| \$140,000 - \$159,999 | \$164,482 | 14.925\% | 9.996\% | 21.634\% | 17.177\% | 24.836\% | 23.161\% |
| \$160,000 - \$199,999 | \$197,378 | 14.103\% | 10.376\% | 20.891\% | 14.835\% | 24.557\% | 16.780\% |
| \$200,000 or more | \$283,881 | 12.968\% |  | 19.046\% |  | 22.187\% |  |

Step 5: Develop Marginal Percentages
In this step, the information from the previous steps is used to compute a tax schedule-like schedule of proportions for one, two, and three children that is shown in Exhibit A-4. The percentages from above (e.g., $29.257 \%$ for two children for the combined income of $\$ 60,000$ to $\$ 64,999$ per year in 2020 dollars) are assigned to the midpoint of that income range adjusted for inflation ( $\$ 68,534$ in 2022 dollars). Marginal percentages are created by interpolating between income ranges. For the highest income range, the midpoint was supplied by Betson: $\$ 258,887$ per year in May 2020 dollars.

Another adjustment was made at low incomes. The percentages for incomes below $\$ 30,000$ net per year were less than the amounts for the net income range $\$ 30,000$ to $\$ 34,999$ per year. This is an artificial result caused by the cap on expenditures in Step 3 because families of this income range spend more than their after-tax income, on average. Decreasing percentages result in a smooth decrease when the parent receiving support has more income. This is the general result of the steps so far. The exception is at low incomes because of the cap. Without the cap, it will also produce decreasing percentages. For the purposes of the child support schedule, the percentage from the $\$ 30,000$ to $\$ 34,999$ are applied to all incomes less than $\$ 30,000$ per year. For one child, the percentages are actually from the $\$ 35,000$ to $\$ 39,999$ income range. To be clear, this is still less than what families of this income range actually spend on children.

Step 6: Extend to More Children
Most of the measurements only cover one, two, and three children. The number of families in the CE with four or more children is insufficient to produce reliable estimates. For many child support guidelines, the National Research Council's (NRC) equivalence scale, as shown below, is used to extend the three-child estimate to four and more children: ${ }^{70}$

$$
=(\text { number of adults }+0.7 \times \text { number of children })^{0.7}
$$

Application of the equivalence scale implies that expenditures on four children are 11.7 percent more than the expenditures for three children, expenditures on five children are 10.0 percent more than the expenditures for four children, and expenditures on six children are 8.7 percent more than the expenditures for five children.

## Step 7: Adjust for Maryland's Price Parity

The percentages shown in Exhibit A-2 are increased by Maryland's most recent price parity (2020) to account for Maryland's higher cost of living.

Step 8: Convert to Gross Income
The final step to arriving at basic obligations is to convert the schedule to a gross-income base. This is done by calculating the after-tax incomes for the gross incomes appearing in the schedule. The after-tax income equivalent is shown as a hidden column in Exhibit A-3. The schedule amounts are calculated based on the after-tax income using the information in Exhibit A-2 for one, two, and three children. The amounts for four and more children are calculated from the three-child amounts in Exhibit A-4 multiplied by the equivalence scales shown in Step 6. The amounts for two or more children are also divided by the number of children to show a per-child amount. They are also divided by 12 to arrive at a monthly amount.

As identified in Section 2, the conversion to gross income relies on the federal and state withholding formulas. ${ }^{71}$ The federal withholding formula also considers FICA. The Social Security and Medicare tax is 6.2 percent for incomes up to $\$ 147,000$ per year. Above that level, the Medicare tax of 1.45 percent applies. In addition, the 0.9 percent additional Medicare tax for incomes above $\$ 200,000$ per year is also considered. The IRS formula assume a manual calculation using a current IRS W-4 form. (The IRS revised the form in 2020 to reflect 2018 federal tax reform that increased the standard deduction and repealed personal exemptions.) It is assumed that the tax filing status is single. For state and local income taxes, the standard deduction and one exemption is used. This is consistent with the federal withholding formula. The local tax is assumed to be 3.10 percent, which is the approximate median local tax. A 3.0 percent local income tax is used in the existing schedule, but several localities have increased their income tax rates.

[^24]Using federal and state income tax withholding formulas and assuming all income is taxed at the rate of a single tax filer with earned income is a common assumption among most states and the assumption underlying the existing Maryland schedule. Most alternative federal tax assumptions would result in more after-tax income and, hence, higher schedule amounts. For example, the District of Columbia assumes the tax-filing status is for a married couple claiming the number of children for whom support is being determined. The District used this assumption prior to 2018 tax reform that eliminated the federal tax allowance for children and expanded the federal child tax credit from $\$ 1,000$ per child to $\$ 2,000$ per child and higher for tax year 2022. The 2018 federal tax changes are scheduled to expire in 2025.

| Exhibit A-3: Illustration of Hidden After-Tax Income Column in Schedule |  |  |  |  |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Hidden After-Tax <br> Income | Combined <br> Adjusted Gross <br> Income | One <br> Child | Two <br> Children | Three <br> Children | Four <br> Children | Five <br> Children | Six <br> Children |
| 3083.23 | 4000 | 757 | 1152 | 1393 | 1556 | 1711 | 1860 |
| 319.48 | 4050 | 765 | 1166 | 1409 | 1574 | 1731 | 1882 |
| 3155.73 | 4100 | 774 | 1178 | 1423 | 1590 | 1749 | 1901 |
| 3191.98 | 4150 | 783 | 1190 | 1437 | 1605 | 1765 | 1919 |
| 3228.23 | 4200 | 792 | 1201 | 1450 | 1620 | 1782 | 1937 |
| 3264.48 | 4250 | 801 | 1213 | 1464 | 1635 | 1798 | 1955 |
| 3300.73 | 4300 | 810 | 1225 | 1477 | 1650 | 1815 | 1973 |
| 3336.98 | 4350 | 819 | 1237 | 1491 | 1665 | 1831 | 1991 |

Since the income conversion assumes single tax filing status, there is no adjustment for the child tax credit or the Earned Income Tax Credit (EITC). The child tax credit would be impossible to include in the schedule since it applies to one parent and that parent's income must be within a certain range to receive the full child tax credit and another range to receive a partial child tax credit (which the IRS calls the additional child tax credit). In contrast, the schedule considers the combined gross income of the parents. Say the combined income of the parents is $\$ 150,000$ per year. If the parents have equal incomes (\$75,000 per year), either parent's income would make them income-eligible for the full child tax credit. Say, however, that the obligated parent's income is $\$ 150,000$ and the other has no income, the parent without income would not be income-eligible for the child tax credit. The EITC is not considered because it is a means-tested program. Most states do not consider mean-tested income to be income available for child support.

The pro of considering an alternative tax assumption such as assuming the tax-filing status is married better aligns with the economic measurements of child-rearing expenditures because the measurements consider households in which the parents and children live together, so they would probably file as a married couple. They also could be set up to include the federal child tax credit, the additional child tax credit, the earned income tax credit, or a combination of these child-related tax credits. The cons are that this would be a change in the previous assumption that is not necessarily justifiable and inconsistent application.

Step 9: Adjust for the SSR and the Minimum Order
A self-support reserve (SSR) is incorporated into the schedule. The SSR is updated from 110 percent of the 2019 federal poverty guidelines for one person ( $\$ 1,145$ per month) to 110 percent of the 2022 FPG
$(\$ 1,246)$. It is incorporated into the schedule by examining the difference between the gross income and the SSR. That difference is multiplied by 70 percent for one child, 71 percent for two children, and so forth up, to 75 percent for six children. If the adjusted difference is less than the BR-based amount, the adjusted difference is inserted into the schedule. If not, the BR-based amount is retained. If the adjusted difference is $\$ 50$ or less for one child, $\$ 50$ is inserted in the schedule. This is the minimum order amount for one child. The minimum order amounts are $\$ 55$ for two children, $\$ 57$ for three children, $\$ 58$ for four children, $\$ 59$ for five children, and $\$ 60$ for six children. The area adjusted for the SSR is shown by the blue-shaded area of the schedule.

## Consumer Expenditure Data

Most studies of child-rearing expenditures, including the BR and USDA measurements, draw on expenditures data collected from families participating in the Consumers Expenditures Survey (CE) that is administered by the Bureau of Labor Statistics (BLS). Economists use the CE because it is the most comprehensive and detailed survey conducted on household expenditures and consists of a large sample. The CE surveys about 7,000 households per quarter on expenditures, income, and household characteristics (e.g., family size). Households remain in the survey for four consecutive quarters, with households rotating in and out each quarter. Most economists, including Betson, use three or four quarters of expenditures data for a surveyed family. This means that family expenditures are averaged for about a year rather than over a quarter, which may not be as reflective of typical family expenditures.

In all, the BR5 study relies on expenditures/outlays data from almost 14,000 households, in which over half had a minor child present in the household. The subset of CE households considered for the BR5 measurements used to develop the existing updated schedule consisted of married couples of childrearing age with no other adults living in the household (e.g., grandparents), households with no change in family size or composition during the survey period, and households with at least three completed interviews. Other family types were considered, which also changed the sample size, but the percentage of child-rearing expenditures in these alternative assumptions did not significantly change the percentage of expenditures devoted to child-rearing expenditures. The other family types included in these expanded samples were households with adult children living with them and domestic partners with children.

The CE asks households about expenditures on over 100 detailed items. Exhibit A-4 shows the major categories of expenditures captured by the CE. It includes the purchase price and sales tax on all goods purchased within the survey period. In recent years, the CE has added another measure of "expenditures" called "outlays." The key difference is that outlays essentially include installment plans on purchases, mortgage principal payments, and payments on home equity loans, while expenditures do not. To illustrate the difference, consider a family who purchases a home theater system during the survey period, puts nothing down, and pays for the home theater system through 36 months of installment payments. The expenditures measure would capture the total purchase price of the home theater system. The outlays measure would only capture the installment payments made in the survey period.

| Exhibit A-4: Partial List of Expenditure Items Considered in the Consumer Expenditure Survey |  |
| :--- | :--- |
| Housing | Rent paid for dwellings, rent received as pay, parking fees, maintenance, and other expenses for <br> rented dwellings, interest and principal payments on mortgages, interest and principal payments <br> on home equity loans and lines of credit, property taxes and insurance, refinancing and <br> prepayment charges, ground rent, expenses for property management and security, homeowners' <br> insurance, fire insurance and extended coverage, expenses for repairs and maintenance <br> contracted out, and expenses of materials for owner-performed repairs and maintenance for <br> dwellings used or maintained by the consumer unit. Also includes utilities, cleaning supplies, <br> household textiles, furniture, major and small appliances, and other miscellaneous household <br> equipment (tools, plants, decorative items). |
| Food | Food at home purchased at grocery or other food stores, as well as meals, including tips, <br> purchased away from home (e.g., full-service and fast-food restaurant, vending machines). |
| Transportation | Vehicle finance charges, gasoline and motor oil, maintenance and repairs, vehicle insurance, public <br> transportation, leases, parking fees, and other transportation expenditures. |
| Entertainment | Admission to sporting events, movies, concerts, health clubs, recreational lessons, <br> television/radio/sound equipment, pets, toys, hobbies, and other entertainment equipment and <br> services. |
| Apparel | Apparel, footwear, uniforms, diapers, alterations and repairs, dry cleaning, sent-out laundry, <br> watches, and jewelry. |
| Other | Personal care products, reading materials, education fees, banking fees, interest paid on lines of <br> credit, and other expenses. |

The BLS designed the CE to produce a nationally representative sample and samples representative of the four regions (Midwest, Northeast, South, and West). The sample sizes for each state, however, are not large enough to estimate child-rearing costs for families within a state. We know of no state that has seriously contemplated conducting a survey similar to the CE at a state level. The costs and time requirements would be prohibitive.

Outlays include mortgage principal payments, payments on second mortgages, and home equity payments, which is what the 2020 Betson-Rothbarth (BR) measurement considers. As explained in Section 3, this is a change from BR measurements underlying the existing schedule. The CE traditional measure of expenditures does not consider these outlays. The merit of using expenditures, which does not include mortgage principal payments, is that any equity in the home should be considered part of the property settlement and not part of the child support payments. The limitations are that not all families have substantial equity in their homes and some families have second mortgages or home equity loans that further reduce home equity. The merit of using outlays is that it is more in line with family budgeting on a monthly basis in that it considers the entire mortgage payment including the amounts paid toward both interest and principal, and the amount paid toward a second mortgage or home equity loan if there is such a payment. Both measures include payment of the mortgage interest, rent among households dwelling in apartments, utilities, property taxes, and other housing expenses as indicated in the above schedule. Housing-related items, which are identified in Exhibit A-5, comprise the largest share of total family expenditures. Housing expenses compose about 40 percent of total family expenditures.

Transportation expenses account for about one-sixth of total family expenditures. In the category of "transportation," the CE includes net vehicle outlays; vehicle finance charges; gasoline and motor oil;
maintenance and repairs; vehicle insurance; public transportation expenses; and vehicle rentals, leases, licenses, and other charges. The net vehicle outlay is the purchase price of a vehicle less the trade-in value. Net vehicle outlays account for just over one-third of all transportation expenses. Net vehicle outlays are an important consideration when measuring child-rearing expenditures because the family's use of the vehicle is often longer than the survey period. In Betson's first three studies, he excluded them because in his earlier estimates that consider expenditures the vehicle can be sold again later, after the survey period. In contrast, Betson's 2020 estimates that consider outlays capture vehicle payments made over the survey period. The USDA, which relies on expenditures, includes all transportation expenses including net vehicle outlays. There are some advantages and disadvantages to each approach. Excluding it makes sense when the vehicle may be part of the property settlement in a divorce. An alternative to that would be to include a value that reflects depreciation of the vehicle over time, but that information is not available. Including the entire net vehicle outlay when expenditures are used as the basis of the estimate likely overstates depreciation. When the basis of the estimates is outlays, it includes only vehicle installment payments rather than net vehicle outlays. This effectively avoids the issues of vehicle equity and depreciation.

Betson excludes some expenditure items captured by the CE because they are obviously not childrearing expenses. Specifically, he excludes contributions by family members to Social Security and private pension plans, and cash contributions made to members outside the surveyed household. The USDA also excludes these expenses from its estimates of child-rearing expenditures.

Gross and net incomes are reported by families participating in the CE. The difference between gross and net income is taxes. In fact, the CE uses the terms "income before taxes" and "income after taxes" instead of gross and net income. Income before taxes is the total money earnings and selected money receipts. It includes wages and salary, self-employment income, Social Security benefits, pension income, rental income, unemployment compensation, workers' compensation, veterans' benefits, public assistance, and other sources of income. Income and taxes are based on self-reports and not checked against actual records.

The BLS has concerns that income may be underreported in the CE. Although underreporting of income is a problem inherent to surveys, the BLS is particularly concerned because expenditures exceed income among low-income households participating in the CE. The BLS does not know whether the cause is underreporting of income or that low-income households are actually spending more than their incomes because of an unemployment spell, the primary earner is a student, or the household is otherwise withdrawing from its savings. To improve income information, the BLS added and revised income questions in 2001. The new questions impute income based on a relationship to its expenditures when households do not report income. The 2010 and 2020 Betson-Rothbarth measurements rely on these new questions. Previous Betson measurements do not.

The BLS also had concerns with taxes being underreported. Beginning in 2013, the BLS began calculating taxes for families using a tax calculator, rather than relying self-reported amounts. This also affected differences between the BR5 measurements and earlier measurements.

The BLS also does not include changes in net assets or liabilities as income or expenditures. In all, the BLS makes it clear that reconciling differences between income and expenditures and precisely measuring income are not parts of the core mission of the CE. Rather, the core mission is to measure and track expenditures. The BLS recognizes that at some low-income levels the CE shows that total expenditures exceed after-tax incomes, and that at very high incomes the CE shows total expenditures are considerably less than after-tax incomes. However, the changes to the income measure, the use of outlays rather than expenditures, and use of the tax calculator have lessened some of these issues.

Side-by-Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | $\frac{\infty}{\frac{\infty}{5}}$ |  |  |  |  |  |  | $\frac{\infty}{\frac{\infty}{5}}$ |  |  |  |  |  |  |
| 1200 | 50 | 50 | 50 | 0 | 0\% | 0 | 0\% | 55 | 55 | 55 | 0 | 0\% | 0 | 0\% | 57 | 57 | 57 | 0 | 0\% | 0 | 0\% |
| 1250 | 74 | 50 | 50 | -24 | -32\% | -24 | -32\% | 79 | 55 | 55 | -24 | -30\% | -24 | -30\% | 81 | 57 | 57 | -24 | -29\% | -24 | -29\% |
| 1300 | 109 | 50 | 50 | -59 | -54\% | -59 | -54\% | 116 | 55 | 55 | -61 | -53\% | -61 | -53\% | 119 | 57 | 57 | -62 | -52\% | -62 | -52\% |
| 1350 | 144 | 73 | 73 | -71 | -49\% | -71 | -49\% | 154 | 78 | 78 | -76 | -49\% | -76 | -49\% | 158 | 80 | 80 | -78 | -49\% | -78 | -49\% |
| 1400 | 179 | 108 | 108 | -71 | -40\% | -71 | -40\% | 191 | 116 | 116 | -76 | -40\% | -76 | -40\% | 196 | 119 | 119 | -78 | -40\% | -78 | -40\% |
| 1450 | 214 | 143 | 143 | -71 | -33\% | -71 | -33\% | 229 | 153 | 153 | -76 | -33\% | -76 | -33\% | 235 | 157 | 157 | -78 | -33\% | -78 | -33\% |
| 1500 | 249 | 178 | 178 | -71 | -28\% | -71 | -28\% | 266 | 191 | 191 | -76 | -28\% | -76 | -28\% | 273 | 196 | 196 | -78 | -28\% | -78 | -28\% |
| 1550 | 284 | 213 | 213 | -71 | -25\% | -71 | -25\% | 304 | 228 | 228 | -76 | -25\% | -76 | -25\% | 312 | 234 | 234 | -78 | -25\% | -78 | -25\% |
| 1600 | 319 | 248 | 248 | -71 | -22\% | -71 | -22\% | 341 | 266 | 266 | -76 | -22\% | -76 | -22\% | 350 | 273 | 273 | -78 | -22\% | -78 | -22\% |
| 1650 | 339 | 283 | 283 | -56 | -16\% | -56 | -16\% | 379 | 303 | 303 | -76 | -20\% | -76 | -20\% | 389 | 311 | 311 | -78 | -20\% | -78 | -20\% |
| 1700 | 348 | 318 | 318 | -30 | -9\% | -30 | -9\% | 416 | 341 | 341 | -76 | -18\% | -76 | -18\% | 427 | 350 | 350 | -78 | -18\% | -78 | -18\% |
| 1750 | 357 | 353 | 353 | -4 | -1\% | -4 | -1\% | 454 | 378 | 378 | -76 | -17\% | -76 | -17\% | 466 | 388 | 388 | -78 | -17\% | -78 | -17\% |
| 1800 | 367 | 365 | 367 | -2 | -1\% | 0 | 0\% | 491 | 416 | 416 | -76 | -15\% | -76 | -15\% | 504 | 427 | 427 | -78 | -15\% | -78 | -15\% |
| 1850 | 376 | 374 | 376 | -2 | -1\% | 0 | 0\% | 529 | 453 | 453 | -76 | -14\% | -76 | -14\% | 543 | 465 | 465 | -78 | -14\% | -78 | -14\% |
| 1900 | 385 | 383 | 385 | -2 | 0\% | 0 | 0\% | 565 | 491 | 491 | -74 | -13\% | -74 | -13\% | 581 | 504 | 504 | -78 | -13\% | -78 | -13\% |
| 1950 | 394 | 392 | 394 | -2 | 0\% | 0 | 0\% | 578 | 528 | 528 | -50 | -9\% | -50 | -9\% | 620 | 542 | 542 | -78 | -13\% | -78 | -13\% |
| 2000 | 403 | 401 | 403 | -2 | 0\% | 0 | 0\% | 591 | 566 | 566 | -25 | -4\% | -25 | -4\% | 658 | 581 | 581 | -78 | -12\% | -78 | -12\% |
| 2050 | 412 | 410 | 412 | -2 | 0\% | 0 | 0\% | 604 | 603 | 603 | -1 | 0\% | -1 | 0\% | 697 | 619 | 619 | -78 | -11\% | -78 | -11\% |
| 2100 | 421 | 419 | 421 | -2 | -1\% | 0 | 0\% | 617 | 637 | 637 | 20 | 3\% | 20 | 3\% | 735 | 658 | 658 | -78 | -11\% | -78 | -11\% |
| 2150 | 430 | 427 | 430 | -2 | -1\% | 0 | 0\% | 631 | 651 | 651 | 20 | 3\% | 20 | 3\% | 762 | 696 | 696 | -66 | -9\% | -66 | -9\% |
| 2200 | 439 | 436 | 439 | -2 | -1\% | 0 | 0\% | 644 | 664 | 664 | 21 | 3\% | 21 | 3\% | 778 | 735 | 735 | -43 | -6\% | -43 | -6\% |
| 2250 | 448 | 445 | 448 | -2 | -1\% | 0 | 0\% | 657 | 678 | 678 | 21 | 3\% | 21 | 3\% | 794 | 773 | 773 | -21 | -3\% | -21 | -3\% |
| 2300 | 457 | 454 | 457 | -3 | -1\% | 0 | 0\% | 670 | 692 | 692 | 21 | 3\% | 21 | 3\% | 810 | 812 | 812 | 2 | 0\% | 2 | 0\% |
| 2350 | 466 | 463 | 466 | -3 | -1\% | 0 | 0\% | 684 | 705 | 705 | 22 | 3\% | 22 | 3\% | 826 | 850 | 850 | 24 | 3\% | 24 | 3\% |
| 2400 | 475 | 472 | 475 | -3 | -1\% | 0 | 0\% | 697 | 719 | 719 | 22 | 3\% | 22 | 3\% | 842 | 869 | 869 | 27 | 3\% | 27 | 3\% |
| 2450 | 484 | 481 | 484 | -3 | -1\% | 0 | 0\% | 710 | 732 | 732 | 22 | 3\% | 22 | 3\% | 858 | 885 | 885 | 27 | 3\% | 27 | 3\% |
| 2500 | 493 | 490 | 493 | -3 | -1\% | 0 | 0\% | 723 | 746 | 746 | 22 | 3\% | 22 | 3\% | 874 | 901 | 901 | 28 | 3\% | 28 | 3\% |
| 2550 | 502 | 499 | 502 | -3 | -1\% | 0 | 0\% | 736 | 759 | 759 | 23 | 3\% | 23 | 3\% | 890 | 918 | 918 | 28 | 3\% | 28 | 3\% |
| 2600 | 511 | 508 | 511 | -3 | -1\% | 0 | 0\% | 750 | 773 | 773 | 23 | 3\% | 23 | 3\% | 906 | 934 | 934 | 28 | 3\% | 28 | 3\% |
| 2650 | 520 | 516 | 520 | -3 | -1\% | 0 | 0\% | 763 | 786 | 786 | 23 | 3\% | 23 | 3\% | 922 | 951 | 951 | 29 | 3\% | 29 | 3\% |
| 2700 | 529 | 525 | 529 | -3 | -1\% | 0 | 0\% | 776 | 800 | 800 | 24 | 3\% | 24 | 3\% | 938 | 967 | 967 | 29 | 3\% | 29 | 3\% |
| 2750 | 538 | 534 | 538 | -4 | -1\% | 0 | 0\% | 789 | 813 | 813 | 24 | 3\% | 24 | 3\% | 954 | 983 | 983 | 29 | 3\% | 29 | 3\% |
| 2800 | 547 | 543 | 547 | -4 | -1\% | 0 | 0\% | 803 | 827 | 827 | 24 | 3\% | 24 | 3\% | 970 | 1000 | 1000 | 30 | 3\% | 30 | 3\% |
| 2850 | 556 | 552 | 556 | -4 | -1\% | 0 | 0\% | 816 | 841 | 841 | 25 | 3\% | 25 | 3\% | 986 | 1016 | 1016 | 30 | 3\% | 30 | 3\% |
| 2900 | 565 | 561 | 565 | -4 | -1\% | 0 | 0\% | 829 | 854 | 854 | 25 | 3\% | 25 | 3\% | 1002 | 1032 | 1032 | 31 | 3\% | 31 | 3\% |
| 2950 | 574 | 570 | 574 | -4 | -1\% | 0 | 0\% | 842 | 868 | 868 | 25 | 3\% | 25 | 3\% | 1018 | 1049 | 1049 | 31 | 3\% | 31 | 3\% |
| 3000 | 583 | 579 | 583 | -4 | -1\% | 0 | 0\% | 856 | 881 | 881 | 26 | 3\% | 26 | 3\% | 1034 | 1065 | 1065 | 31 | 3\% | 31 | 3\% |
| 3050 | 592 | 588 | 592 | -4 | -1\% | 0 | 0\% | 869 | 895 | 895 | 26 | 3\% | 26 | 3\% | 1050 | 1082 | 1082 | 32 | 3\% | 32 | 3\% |
| 3100 | 601 | 596 | 601 | -4 | -1\% | 0 | 0\% | 882 | 908 | 908 | 26 | 3\% | 26 | 3\% | 1066 | 1098 | 1098 | 32 | 3\% | 32 | 3\% |
| 3150 | 610 | 605 | 610 | -5 | -1\% | 0 | 0\% | 895 | 922 | 922 | 27 | 3\% | 27 | 3\% | 1082 | 1114 | 1114 | 33 | 3\% | 33 | 3\% |
| 3200 | 619 | 614 | 619 | -5 | -1\% | 0 | 0\% | 908 | 935 | 935 | 27 | 3\% | 27 | 3\% | 1098 | 1131 | 1131 | 33 | 3\% | 33 | 3\% |
| 3250 | 628 | 623 | 628 | -5 | -1\% | 0 | 0\% | 922 | 949 | 949 | 27 | 3\% | 27 | 3\% | 1114 | 1147 | 1147 | 33 | 3\% | 33 | 3\% |
| 3300 | 637 | 632 | 637 | -5 | -1\% | 0 | 0\% | 935 | 962 | 962 | 28 | 3\% | 28 | 3\% | 1130 | 1163 | 1163 | 34 | 3\% | 34 | 3\% |
| 3350 | 646 | 641 | 646 | -5 | -1\% | 0 | 0\% | 948 | 976 | 976 | 28 | 3\% | 28 | 3\% | 1146 | 1180 | 1180 | 34 | 3\% | 34 | 3\% |
| 3400 | 655 | 650 | 655 | -5 | -1\% | 0 | 0\% | 961 | 990 | 990 | 28 | 3\% | 28 | 3\% | 1162 | 1196 | 1196 | 35 | 3\% | 35 | 3\% |
| 3450 | 664 | 659 | 664 | -5 | -1\% | 0 | 0\% | 975 | 1003 | 1003 | 29 | 3\% | 29 | 3\% | 1178 | 1213 | 1213 | 35 | 3\% | 35 | 3\% |
| 3500 | 673 | 668 | 673 | -5 | -1\% | 0 | 0\% | 988 | 1017 | 1017 | 29 | 3\% | 29 | 3\% | 1194 | 1229 | 1229 | 35 | 3\% | 35 | 3\% |
| 3550 | 682 | 677 | 682 | -5 | -1\% | 0 | 0\% | 1001 | 1030 | 1030 | 29 | 3\% | 29 | 3\% | 1210 | 1245 | 1245 | 36 | 3\% | 36 | 3\% |
| 3600 | 691 | 685 | 691 | -6 | -1\% | 0 | 0\% | 1014 | 1044 | 1044 | 30 | 3\% | 30 | 3\% | 1226 | 1262 | 1262 | 36 | 3\% | 36 | 3\% |
| 3650 | 700 | 694 | 700 | -6 | -1\% | 0 | 0\% | 1027 | 1057 | 1057 | 30 | 3\% | 30 | 3\% | 1242 | 1278 | 1278 | 37 | 3\% | 37 | 3\% |
| 3700 | 709 | 703 | 709 | -6 | -1\% | 0 | 0\% | 1041 | 1071 | 1071 | 30 | 3\% | 30 | 3\% | 1258 | 1294 | 1294 | 37 | 3\% | 37 | 3\% |
| 3750 | 718 | 712 | 718 | -6 | -1\% | 0 | 0\% | 1054 | 1084 | 1084 | 30 | 3\% | 30 | 3\% | 1274 | 1311 | 1311 | 37 | 3\% | 37 | 3\% |
| 3800 | 727 | 721 | 727 | -6 | -1\% | 0 | 0\% | 1067 | 1098 | 1098 | 31 | 3\% | 31 | 3\% | 1290 | 1327 | 1327 | 38 | 3\% | 38 | 3\% |
| 3850 | 736 | 730 | 736 | -6 | -1\% | 0 | 0\% | 1080 | 1111 | 1111 | 31 | 3\% | 31 | 3\% | 1306 | 1344 | 1344 | 38 | 3\% | 38 | 3\% |

Side-by-Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \frac{0}{5} \\ & \frac{0}{x} \\ & \frac{5}{x} \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \frac{0}{5} \\ & \frac{0}{\frac{5}{x}} \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \frac{0}{5} \\ & \frac{0}{x} \\ & \frac{5}{4} \end{aligned}$ |  |  |  |  |  |  |
| 3900 | 45 | 739 | 745 | -6 | -1\% | 0 | \% | 94 | 1125 | 1125 | 31 | 3\% | 31 | 3\% | 1321 | 1360 | 1360 | 38 | 3\% | 38 | 3\% |
| 3950 | 754 | 748 | 754 | -6 | -1\% | 0 | 0\% | 1107 | 11 | 1139 | 32 | 3\% | 32 | 3\% | 1337 | 1376 | 1376 | 39 | 3\% | 39 | 3\% |
| 4000 | 763 | 757 | 763 | -7 | -1\% | 0 | 0\% | 11 | 11 | 1152 | 32 | 3\% | 32 | 3\% | 1353 | 1393 | 1393 | 39 | 3\% | 39 | 3\% |
| 4050 | 772 | 765 | 772 | -7 | -1\% | 0 | 0\% | 1133 | 1166 | 1166 | 32 | 3\% | 32 | 3\% | 136 | 1409 | 1409 | 40 | 3\% | 40 | 3\% |
| 4100 | 781 | 774 | 81 | -7 | -1\% | 0 | 0\% | 1146 | 1178 | 1178 | 31 | 3\% | 31 | 3\% | 1385 | 1423 | 423 | 38 | 3\% | 38 | 3\% |
| 4150 | 790 | 783 | 790 | -7 | -1\% | 0 | 0\% | 1160 | 1190 | 1190 | 30 | 3\% | 30 | 3\% | 140 | 1437 | 1437 | 35 | 3\% | 35 | 3\% |
| 4200 | 799 | 792 | 799 | -7 | -1\% | 0 | 0\% | 1173 | 1201 | 1201 | 28 | 2\% | 28 | 2\% | 1417 | 145 | 1450 | 33 | 2\% | 33 | 2\% |
| 4250 | 80 | 801 | 808 | -6 | -1\% | 0 | 0\% | 1185 | 213 | 1213 | 28 | 2\% | 28 | 2\% | 143 | 1464 | 1464 | 31 | 2\% | 31 | 2\% |
| 4300 | 815 | 810 | 815 | -5 | -1\% | 0 | 0\% | 11 | 1225 | 1225 | 28 | 2\% | 28 | 2\% | 144 | 1477 | 1477 | 31 | 2\% | 31 | 2\% |
| 4350 | 823 | 819 | 823 | -4 | -1\% | 0 | 0\% | 1208 | 12 | 1237 | 29 | 2\% | 29 | 2\% | 1460 | 1491 | 1491 | 31 | 2\% | 31 | 2\% |
| 4400 | 831 | 828 | 831 | -3 | 0\% | 0 | 0\% | 12 | 1248 | 1248 | 29 | 2\% | 29 | 2\% | 147 | 1504 | 1504 | 30 | 2\% | 30 | 2\% |
| 4450 | 839 | 837 | 839 | -2 | 0\% | 0 | 0\% | 1231 | 1260 | 1260 | 29 | 2\% | 29 | 2\% | 1487 | 1517 | 1517 | 30 | 2\% | 30 | 2\% |
| 4500 | 846 | 846 | 846 | -1 | 0\% | 0 | 0\% | 1242 | 1272 | 1272 | 29 | 2\% | 29 | 2\% | 1501 | 1531 | 1531 | 30 | 2\% | 30 | 2\% |
| 4550 | 854 | 854 | 854 | 0 | 0\% | 0 | 0\% | 54 | 83 | 1283 | 30 | 2\% | 30 | 2\% | 1515 | 154 | 1544 | 29 | 2\% | 29 | 2\% |
| 4600 | 862 | 862 | 862 | 0 | 0\% | 0 | 0\% | 1265 | 1294 | 1294 | 29 | 2\% | 29 | 2\% | 1529 | 1556 | 1556 | 28 | 2\% | 28 | 2\% |
| 4650 | 870 | 870 | 870 | 0 | 0\% | 0 | 0\% | 1276 | 1304 | 1304 | 28 | 2\% | 28 | 2\% | 1542 | 1568 | 1568 | 25 | 2\% | 25 | 2\% |
| 4700 | 877 | 878 | 878 | 0 | 0\% | 0 | 0\% | 1288 | 1314 | 1314 | 26 | 2\% | 26 | 2\% | 15 | 1579 | 1579 | 23 | 1\% | 23 | 1\% |
| 4750 | 885 | 885 | 885 | 0 | 0\% | 0 | 0\% | 1299 | 1324 | 1324 | 25 | 2\% | 25 | 2\% | 1570 | 1591 | 1591 | 21 | 1\% | 21 | 1\% |
| 4800 | 893 | 892 | 893 | -1 | 0\% | 0 | 0\% | 1311 | 1335 | 1335 | 25 | 2\% | 25 | 2\% | 1584 | 1604 | 1604 | 20 | 1\% | 20 | 1\% |
| 4850 | 901 | 899 | 901 | -1 | 0\% | 0 | 0\% | 1322 | 1347 | 1347 | 25 | 2\% | 25 | 2\% | 159 | 1618 | 1618 | 20 | 1\% | 20 | 1\% |
| 49 | 909 | 906 | 909 | -2 | 0\% | 0 | 0\% | 1334 | 13 | 1358 | 25 | 2\% | 25 | 2\% | 1611 | 1631 | 1631 | 20 | 1\% | 20 | 1\% |
| 4950 | 916 | 913 | 916 | -3 | 0\% | 0 | 0\% | 1345 | 1369 | 1369 | 25 | 2\% | 25 | 2\% | 1625 | 1644 | 1644 | 19 | 1\% | 19 | 1\% |
| 5000 | 924 | 920 | 924 | -4 | 0\% | 0 | 0\% | 1356 | 1381 | 1381 | 24 | 2\% | 24 | 2\% | 1639 | 165 | 1658 | 19 | 1\% | 19 | 1\% |
| 5050 | 932 | 927 | 932 | -5 | -1\% | 0 | 0\% | 13 | 1392 | 1392 | 24 | 2\% | 24 | 2\% | 1653 | 1671 | 1671 | 18 | 1\% | 18 | 1\% |
| 5100 | 94 | 934 | 940 | -6 | -1\% | 0 | 0\% | 1379 | 1403 | 1403 | 24 | 2\% | 24 | 2\% | 1667 | 1685 | 1685 | 18 | 1\% | 18 | 1\% |
| 5150 | 947 | 941 | 947 | -6 | -1\% | 0 | 0\% | 1391 | 1415 | 1415 | 24 | 2\% | 24 | 2\% | 1680 | 1698 | 1698 | 18 | 1\% | 18 | 1\% |
| 5200 | 955 | 948 | 955 | -7 | -1\% | 0 | 0\% | 14 | 1426 | 1426 | 24 | 2\% | 24 | 2\% | 169 | 1711 | 1711 | 17 | 1\% | 17 | 1\% |
| 5250 | 963 | 95 | 963 | -8 | -1\% | 0 | 0\% | 1413 | 14 | 1437 | 24 | 2\% | 24 | 2\% | 1708 | 1725 | 1725 | 17 | 1\% | 17 | 1\% |
| 5300 | 971 | 962 | 971 | -9 | -1\% | 0 | 0\% | 1425 | 1449 | 1449 | 24 | 2\% | 24 | 2\% | 1722 | 1738 | 1738 | 16 | 1\% | 16 | 1\% |
| 5350 | 978 | 969 | 978 | -10 | -1\% | 0 | 0\% | 1436 | 1460 | 1460 | 24 | 2\% | 24 | 2\% | 1735 | 1751 | 1751 | 16 | 1\% | 16 | 1\% |
| 5400 | 984 | 976 | 98 | -8 | -1\% | 0 | 0\% | 14 | 471 | 1471 | 28 | 2\% | 28 | 2\% | 17 | 1765 | 1765 | 21 | 1\% | 21 | 1\% |
| 54 | 987 | 983 | 987 | -5 | 0\% | 0 | 0\% | 1446 | 1483 | 1483 | 36 | 3\% | 36 | 3\% | 1746 | 1778 | 1778 | 32 | 2\% | 32 | 2\% |
| 5500 | 990 | 989 | 99 | -1 | 0\% | 0 | 0\% | 1449 | 1494 | 1494 | 45 | 3\% | 45 | 3\% | 1748 | 1792 | 1792 | 43 | 2\% | 43 | 2\% |
| 5550 | 993 | 996 | 996 | 2 | 0\% | 2 | 0\% | 1452 | 150 | 1504 | 52 | 4\% | 52 | $4 \%$ | 1751 | 1803 | 1803 | 53 | 3\% | 53 | 3\% |
| 5600 | 996 | 1001 | 1001 | 5 | 1\% | 5 | 1\% | 14 | 151 | 1512 | 58 | 4\% | 58 | 4\% | 175 | 1813 | 1813 | 60 | 3\% | 60 | 3\% |
| 5650 | 999 | 100 | 1007 | 8 | 1\% | 8 | 1\% | 1457 | 1521 | 1521 | 64 | 4\% | 64 | 4\% | 1755 | 1823 | 1823 | 68 | 4\% | 68 | 4\% |
| 5700 | 100 | 1013 | 1013 | 10 | 1\% | 10 | 1\% | 1460 | 15 | 1529 | 69 | 5\% | 69 | 5\% | 17 | 1833 | 1833 | 76 | 4\% | 76 | 4\% |
| 5750 | 1006 | 1018 | 1018 | 13 | 1\% | 13 | 1\% | 1463 | 1538 | 1538 | 75 | 5\% | 75 | 5\% | 1760 | 1843 | 1843 | 83 | 5\% | 83 | 5\% |
| 5800 | 1009 | 1024 | 1024 | 15 | 2\% | 15 | 2\% | 1466 | 1546 | 1546 | 81 | 5\% | 81 | 5\% | 1762 | 1853 | 1853 | 91 | 5\% | 91 | 5\% |
| 585 | 1012 | 1030 | 1030 | 18 | 2\% | 18 | 2\% | 1468 | 1555 | 1555 | 86 | 6\% | 86 | 6\% | 176 | 1863 | 1863 | 99 | 6\% | 99 | 6\% |
| 5900 | 1015 | 1035 | 1035 | 20 | 2\% | 20 | 2\% | 1471 | 156 | 156 | 92 | 6\% | 92 | $6 \%$ | 1767 | 1873 | 1873 | 106 | 6\% | 10 | 6\% |
| 5950 | 1018 | 1041 | 1041 | 23 | 2\% | 23 | 2\% | 1474 | 1571 | 1571 | 98 | 7\% | 98 | $7 \%$ | 1769 | 1883 | 1883 | 114 | 6\% | 114 | 6\% |
| 6000 | 1021 | 1047 | 1047 | 26 | 3\% | 26 | 3\% | 1477 | 1580 | 1580 | 103 | 7\% | 103 | 7\% | 1771 | 1893 | 1893 | 122 | 7\% | 12 | 7\% |
| 6050 | 1024 | 1052 | 1052 | 28 | 3\% | 28 | 3\% | 1480 | 1588 | 1588 | 109 | 7\% | 109 | 7\% | 1774 | 1903 | 1903 | 129 | 7\% | 12 | 7\% |
| 6100 | 1028 | 1058 | 1058 | 30 | 3\% | 30 | 3\% | 1485 | 1597 | 1597 | 112 | 8\% | 112 | 8\% | 1780 | 1913 | 1913 | 133 | 7\% | 13 | 7\% |
| 6150 | 1032 | 1063 | 1063 | 31 | 3\% | 31 | 3\% | 149 | 1605 | 1605 | 115 | 8\% | 115 | 8\% | 178 | 923 | 23 | 137 | 8\% | 13 | 8\% |
| 6200 | 103 | 069 | 1069 | 33 | 3\% | 33 | 3\% | 149 | 1614 | 1614 | 118 | 8\% | 118 | 8\% | 1792 | 1933 | 1933 | 141 | 8\% | 14 | 8\% |
| 62 | 104 | 1075 | 1075 | 34 | 3\% | 34 | 3\% | 150 | 1622 | 1622 | 122 | 8\% | 122 | 8\% | 1798 | 1943 | 1943 | 145 | 8\% | 145 | $8 \%$ |
| 630 | 1045 | 1080 | 1080 | 36 | 3\% | 36 | 3\% | 150 | 1630 | 1630 | 125 | 8\% | 125 | 8\% | 180 | 1953 | 1953 | 149 | 8\% | 14 | 8\% |
| 6350 | 1049 | 1084 | 1084 | 35 | 3\% | 35 | 3\% | 1510 | 1635 | 1635 | 125 | 8\% | 125 | 8\% | 1810 | 1958 | 1958 | 148 | 8\% | 148 | $8 \%$ |
| 6400 | 1053 | 1087 | 1087 | 35 | 3\% | 35 | 3\% | 1515 | 1640 | 1640 | 125 | 8\% | 125 | 8\% | 1816 | 1964 | 1964 | 148 | 8\% | 148 | 8\% |
| 6450 | 1057 | 1091 | 1091 | 34 | 3\% | 34 | 3\% | 1521 | 1645 | 1645 | 124 | 8\% | 124 | 8\% | 1822 | 1970 | 1970 | 148 | 8\% | 14 | 8\% |
| 6500 | 1061 | 1094 | 1094 | 33 | 3\% | 33 | 3\% | 1526 | 1650 | 1650 | 124 | 8\% | 124 | 8\% | 1828 | 1975 | 1975 | 148 | 8\% | 148 | 8\% |
| 6550 | 1065 | 1098 | 1098 | 33 | 3\% | 33 | 3\% | 1531 | 1655 | 1655 | 124 | 8\% | 124 | 8\% | 1834 | 1981 | 1981 | 147 | 8\% | 14 | 8\% |

Side-by-Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \frac{.0}{\frac{0}{4}} \\ & \frac{5}{x} \end{aligned}$ |  |  |  |  |  |  | $\frac{\frac{0}{\frac{2}{3}}}{\frac{5}{x}}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6600 | 106 | 1101 | 1101 | 32 | 3\% | 32 | 3\% | 1536 | 1660 | 1660 | 124 | 8\% | 124 | 8\% | 18 | 198 | 1987 | 147 | 8\% | 147 | 8\% |
| 6650 | 1073 | 1105 | 1105 | 32 | 3\% | 32 | 3\% | 1541 | 1665 | 1665 | 124 | 8\% | 124 | 8\% | 184 | 1992 | 1992 | 147 | 8\% | 147 | 8\% |
| 67 | 107 | 110 | 1108 | 31 | 3\% | 31 | 3\% | 15 | 1670 | 1670 | 124 | 8\% | 124 | 8\% | 1852 | 1998 | 1998 | 146 | 8\% | 146 | 8\% |
| 67 | 1083 | 1112 | 1112 | 28 | 3\% | 28 | 3\% | 1554 | 1675 | 1675 | 121 | 8\% | 12 | 8\% | 18 | 2004 | 2004 | 142 | 8\% | 14 | 8\% |
| 68 | 1090 | 111 | 1115 | 25 | 2\% | 25 | 2\% | 1563 | 1680 | 1680 | 117 | 8\% | 11 | 8\% | 18 | 2009 | 2009 | 13 | 7\% | 138 | 7\% |
| 685 | 1096 | 1118 | 1118 | 22 | 2\% | 22 | 2\% | 1571 | 1685 | 1685 | 114 | 7\% | 114 | 7\% | 188 | 2015 | 2015 | 133 | 7\% | 13 | 7\% |
| 6900 | 1103 | 11 | 112 | 19 | 2\% | 19 | 2\% | 158 | 1690 | 169 | 110 | 7\% | 110 | 7\% | 1892 | 202 | 202 | 12 | 7\% | 128 | 7\% |
| 6950 | 11 | 25 | 112 | 16 | 1\% | 16 | 1\% | 1588 | 1695 | 1695 | 107 | 7\% | 107 | 7\% | 190 | 2026 | 2026 | 12 | 7\% | 124 | 7\% |
| 7000 | 1116 | 1129 | 1129 | 13 | 1\% | 13 | 1\% | 1597 | 1700 | 1700 | 103 | 6\% | 103 | 6\% | 1913 | 2032 | 2032 | 119 | 6\% | 11 | 6\% |
| 7050 | 112 | 1132 | 1132 | 10 | 1\% | 10 | 1\% | 1605 | 1705 | 1705 | 100 | 6\% | 100 | 6\% | 192 | 2038 | 2038 | 11 | 6\% | 11 | 6\% |
| 7100 | 1129 | 1136 | 1136 | 6 | 1\% | 6 | 1\% | 1614 | 1709 | 1709 | 95 | 6\% | 95 | 6\% | 193 | 2041 | 2041 | 108 | 6\% | 10 | 6\% |
| 71 | 1136 | 1139 | 1139 | 3 | 0\% | 3 | 0\% | 1622 | 1713 | 1713 | 90 | 6\% | 90 | 6\% | 1944 | 2044 | 2044 | 100 | 5\% | 100 | \% |
| 7200 | 114 | 1142 | 1142 | -1 | 0\% | 0 | 0\% | 1631 | 1716 | 1716 | 85 | 5\% | 85 | 5\% | 1954 | 2047 | 2047 | 93 | 5\% | 93 | 5\% |
| 7250 | 114 | 1145 | 114 | -4 | 0\% | 0 | 0\% | 163 | 1720 | 1720 | 81 | 5\% | 81 | 5\% | 1965 | 205 | 2050 | 86 | 4\% | 86 | 4\% |
| 7300 | 1156 | 1148 | 1156 | -7 | -1\% | 0 | 0\% | 1648 | 1723 | 1723 | 76 | 5\% | 76 | 5\% | 1975 | 2053 | 2053 | 78 | 4\% | 78 | 4\% |
| 7350 | 1162 | 1151 | 1162 | -11 | \% | 0 | 0\% | 1656 | 1727 | 172 | 71 | 4\% | 71 | 4\% | 1985 | 2056 | 2056 | 71 | 4\% | 71 | 4\% |
| 7400 | 11 | 154 | 1168 | -13 | -1\% | 0 | 0\% | 1664 | 1731 | 1731 | 67 | 4\% | 67 | 4\% | 199 | 2059 | 2059 | 65 | 3\% | 65 | 3\% |
| 7450 | 1172 | 1158 | 1172 | -15 | -1\% | 0 | 0\% | 1671 | 1734 | 1734 | 63 | 4\% | 63 | 4\% | 200 | 2062 | 2062 | 60 | 3\% | 60 | 3\% |
| 7500 | 1177 | 1161 | 1177 | -16 | -1\% | 0 | 0\% | 1678 | 1738 | 1738 | 60 | 4\% | 60 | 4\% | 2010 | 2065 | 2065 | 54 | 3\% | 54 | 3\% |
| 755 | 1181 | 1164 | 1181 | -17 | -1\% | 0 | 0\% | 1685 | 1741 | 1741 | 56 | 3\% | 56 | 3\% | 201 | 2068 | 2068 | 49 | 2\% | 49 | 2\% |
| 760 | 118 | 1167 | 1186 | -19 | -2\% | 0 | 0\% | 1692 | 1745 | 1745 | 53 | 3\% | 53 | 3\% | 202 | 2071 | 2071 | 44 | 2\% | 44 | 2\% |
| 7650 | 11 | 1170 | 1190 | -20 | -2\% | 0 | 0\% | 99 | 49 | 1749 | 49 | 3\% | 49 | 3\% | 2035 | 2074 | 074 | 39 | 2\% | 39 | 2\% |
| 7700 | 119 | 1173 | 11 | -22 | -2\% | 0 | 0\% | 1706 | 1752 | 1752 | 46 | 3\% | 46 | 3\% | 2043 | 2077 | 2077 | 34 | 2\% | 34 | 2\% |
| 7750 | 119 | 1176 | 119 | -23 | -2\% | 0 | 0\% | 1714 | 1756 | 1756 | 42 | 2\% | 42 | 2\% | 2051 | 2080 | 2080 | 29 | 1\% | 29 | 1\% |
| 7800 | 1204 | 1179 | 1204 | -24 | -2\% | 0 | 0\% | 1721 | 1759 | 1759 | 39 | 2\% | 39 | 2\% | 205 | 2083 | 2083 | 24 | 1\% | 24 | 1\% |
| 785 | 1208 | 1183 | 1208 | -25 | -2\% | 0 | 0\% | 1728 | 1764 | 1764 | 36 | 2\% | 36 | 2\% | 206 | 2087 | 2087 | 21 | 1\% | 21 | 1\% |
| 790 | 1213 | 1187 | 1213 | -25 | -2\% | 0 | 0\% | 1735 | 1771 | 1771 | 37 | 2\% | 37 | 2\% | 2075 | 2097 | 2097 | 22 | 1\% | 22 | 1\% |
| 79 | 1217 | 1192 | 1217 | -25 | -2\% | 0 | 0\% | 1742 | 1779 | 1779 | 37 | 2\% | 37 | 2\% | 208 | 210 | 2107 | 24 | 1\% | 24 | 1\% |
| 8000 | 12 | 1196 | 12 | -25 | -2\% | 0 | 0\% | 1748 | 1786 | 17 | 38 | 2\% | 38 | 2\% | 2090 | 2117 | 2117 | 26 | 1\% | 26 | 1\% |
| 8050 | 122 | 1200 | 12 | -25 | -28 | 0 | 0\% | 1755 | 1793 | 17 | 39 | 2\% | 39 | 2\% | 2098 | 2126 | 21 | 29 | 1\% | 29 | 1\% |
| 8100 | 1228 | 1205 | 1228 | -23 | -2\% | 0 | 0\% | 1757 | 1801 | 1801 | 44 | 2\% | 44 | 2\% | 21 | 2136 | 2136 | 36 | 2\% | 36 | 2\% |
| 8150 | 1230 | 1209 | 1230 | -21 | -2\% | 0 | 0\% | 1759 | 1808 | 1808 | 49 | 3\% | 49 | 3\% | 210 | 2146 | 2146 | 43 | 2\% | 43 | 2\% |
| 82 | 1233 | 1214 | 1233 | -19 | -2\% | 0 | 0\% | 1762 | 1815 | 1815 | 54 | 3\% | 54 | 3\% | 210 | 2156 | 2156 | 50 | 2\% | 50 | 2\% |
| 8250 | 1235 | 1218 | 1235 | -17 | -1\% | 0 | 0\% | 1764 | 1823 | 1823 | 59 | 3\% | 59 | 3\% | 210 | 2165 | 2165 | 57 | 3\% | 57 | 3\% |
| 8300 | 123 | 1222 | 123 | -15 | -1\% | 0 | 0\% | 1766 | 1830 | 1830 | 64 | 4\% | 64 | 4\% | 211 | 2175 | 2175 | 64 | 3\% | 64 | 3\% |
| 8350 | 124 | 1227 | 124 | -13 | -1\% | 0 | 0\% | 1768 | 183 | 183 | 69 | 4\% | 69 | 4\% | 21 | 218 | 2185 | 71 | 3\% | 71 | 3\% |
| 8400 | 1242 | 1231 | 1242 | -11 | -1\% | 0 | 0\% | 1771 | 1845 | 1845 | 74 | 4\% | 74 | 4\% | 21 | 219 | 2195 | 78 | 4\% | 78 | 4\% |
| 8450 | 1244 | 1235 | 1244 | -9 | -1\% | 0 | 0\% | 1773 | 1852 | 1852 | 79 | 4\% | 79 | 4\% | 2119 | 2204 | 2204 | 85 | 4\% | 85 | 4\% |
| 8500 | 1247 | 1240 | 1247 | -7 | -1\% | 0 | 0\% | 1775 | 1860 | 1860 | 84 | 5\% | 84 | 5\% | 2122 | 2214 | 2214 | 92 | 4\% | 92 | 4\% |
| 8550 | 1249 | 1244 | 1249 | -5 | 0\% | 0 | 0\% | 1777 | 1867 | 1867 | 89 | 5\% | 89 | 5\% | 2125 | 2224 | 2224 | 99 | 5\% | 99 | 5\% |
| 860 | 125 | 124 | 125 | -3 | 0\% | 0 | 0\% | 178 | 1874 | 1874 | 94 | 5\% | 94 | 5\% | 212 | 2233 | 2233 | 10 | 5\% | 105 | 5\% |
| 8650 | 1254 | 1251 | 1254 | -2 | 0\% | 0 | 0\% | 1782 | 1878 | 1878 | 96 | 5\% | 96 | 5\% | 2130 | 2237 | 2237 | 107 | 5\% | 10 | 5\% |
| 8700 | 1256 | 1254 | 1256 | -2 | 0\% | 0 | 0\% | 1784 | 1881 | 1881 | 96 | 5\% | 96 | 5\% | 2133 | 2239 | 2239 | 106 | 5\% | 106 | 5\% |
| 8750 | 1259 | 1256 | 1259 | -3 | 0\% | 0 | 0\% | 1787 | 1884 | 1884 | 96 | 5\% | 96 | 5\% | 2137 | 2242 | 2242 | 105 | 5\% | 105 | 5\% |
| 8800 | 1263 | 1259 | 1263 | -4 | 0\% | 0 | 0\% | 1792 | 1887 | 1887 | 94 | 5\% | 94 | 5\% | 2142 | 2244 | 2244 | 102 | 5\% | 102 | 5\% |
| 8850 | 1267 | 1261 | 1267 | -5 | 0\% | 0 | 0\% | 1797 | 1889 | 1889 | 93 | 5\% | 93 | 5\% | 214 | 2246 | 2246 | 99 | 5\% | 99 | 5\% |
| 8900 | 12 | 264 | 1270 | -6 | -1\% | 0 | 0\% | 801 | 1892 | 1892 | 91 | 5\% | 91 | 5\% | 215 | 2249 | 2249 | 97 | 4\% | 97 | 4\% |
| 895 | 1274 | 1267 | 1274 | -8 | -1\% | 0 | 0\% | 1806 | 1895 | 1895 | 89 | 5\% | 89 | 5\% | 215 | 2251 | 2251 | 94 | 4\% | 94 | 4\% |
| 9000 | 1278 | 1269 | 1278 | -9 | -1\% | 0 | 0\% | 1811 | 1898 | 1898 | 88 | 5\% | 88 | 5\% | 2162 | 2254 | 2254 | 91 | 4\% | 91 | 4\% |
| 9050 | 1282 | 1272 | 1282 | -10 | -1\% | 0 | 0\% | 1816 | 1901 | 1901 | 86 | 5\% | 86 | 5\% | 2168 | 2256 | 2256 | 88 | 4\% | 88 | 4\% |
| 9100 | 1286 | 1274 | 1286 | -12 | -1\% | 0 | 0\% | 1820 | 1904 | 1904 | 84 | 5\% | 84 | 5\% | 2173 | 2258 | 2258 | 86 | 4\% | 86 | 4\% |
| 9150 | 1290 | 1277 | 1290 | -13 | -1\% | 0 | 0\% | 1825 | 1907 | 1907 | 82 | 5\% | 82 | 5\% | 2178 | 2261 | 2261 | 83 | 4\% | 83 | 4\% |
| 9200 | 1294 | 1279 | 1294 | -14 | -1\% |  | 0\% | 1830 | 1910 | 1910 | 81 | 4\% | 81 | 4\% | 2183 | 2263 | 2263 | 80 | 4\% | 80 | 4\% |
| 9250 | 1298 | 1282 | 1298 | -15 | -1\% | 0 | 0\% | 1834 | 1913 | 1913 | 79 | 4\% | 79 | 4\% | 2188 | 2266 | 2266 | 77 | 4\% | 77 | 4\% |

Side-by-Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \stackrel{\infty}{\overleftarrow{\hbar}} \underset{\stackrel{H}{x}}{ } \end{aligned}$ | $\begin{aligned} & \stackrel{n}{n} \\ & \stackrel{n}{m} \\ & \frac{4}{4} \\ & \stackrel{0}{\psi} \\ & \frac{\pi}{0} \\ & 0 \end{aligned}$ |  |  |  | (я әұерdп) әรяиечว \$ |  | $\begin{aligned} & \stackrel{\infty}{\hbar} \\ & \stackrel{0}{x} \end{aligned}$ |  |  |  |  | (я әұерdก) ә8ันечว \$ |  |  |  | $\pi$ 0 0 0 N 0 0 0 0 0 0 0 0 | $\boxed{\pi}$ 0 0 0 0 0 0 0 0 0 N |  |  |  |
| 9300 | 1301 | 1285 | 1301 | -17 | -1\% | 0 | 0\% | 1839 | 1916 | 1916 | 77 | 4\% | 77 | 4\% | 2194 | 2268 | 2268 | 74 | 3\% | 74 | 3\% |
| 9350 | 1305 | 1287 | 1305 | -18 | -1\% | 0 | 0\% | 1844 | 1919 | 1919 | 75 | 4\% | 75 | 4\% | 2199 | 2270 | 2270 | 72 | 3\% | 72 | 3\% |
| 9400 | 1309 | 1290 | 1309 | -19 | -1\% | 0 | 0\% | 1848 | 1922 | 1922 | 74 | 4\% | 74 | 4\% | 2204 | 2273 | 2273 | 69 | 3\% | 69 | 3\% |
| 9450 | 1312 | 1293 | 1312 | -19 | -1\% | 0 | 0\% | 1852 | 1926 | 1926 | 74 | 4\% | 74 | 4\% | 2209 | 2277 | 2277 | 69 | 3\% | 69 | 3\% |
| 9500 | 1315 | 1297 | 1315 | -19 | -1\% | 0 | 0\% | 1855 | 1931 | 1931 | 77 | 4\% | 77 | 4\% | 2213 | 2282 | 2282 | 69 | 3\% | 69 | 3\% |
| 9550 | 1318 | 1300 | 1318 | -18 | -1\% | 0 | 0\% | 1857 | 1936 | 1936 | 79 | 4\% | 79 | 4\% | 2217 | 2287 | 2287 | 69 | 3\% | 69 | 3\% |
| 9600 | 1321 | 1304 | 1321 | -17 | -1\% | 0 | 0\% | 1860 | 1941 | 1941 | 81 | 4\% | 81 | 4\% | 2222 | 2292 | 2292 | 70 | 3\% | 70 | 3\% |
| 9650 | 1324 | 1308 | 1324 | -17 | -1\% | 0 | 0\% | 1862 | 1945 | 1945 | 83 | 4\% | 83 | 4\% | 2226 | 2296 | 2296 | 70 | 3\% | 70 | 3\% |
| 9700 | 1327 | 1311 | 1327 | -16 | -1\% | 0 | 0\% | 1865 | 1950 | 1950 | 85 | 5\% | 85 | 5\% | 2231 | 2301 | 2301 | 70 | 3\% | 70 | 3\% |
| 9750 | 1330 | 1315 | 1330 | -15 | -1\% | 0 | 0\% | 1868 | 1955 | 1955 | 87 | 5\% | 87 | 5\% | 2235 | 2306 | 2306 | 71 | 3\% | 71 | 3\% |
| 9800 | 1333 | 1318 | 1333 | -15 | -1\% | 0 | 0\% | 1870 | 1959 | 1959 | 89 | 5\% | 89 | 5\% | 2239 | 2311 | 2311 | 71 | 3\% | 71 | 3\% |
| 9850 | 1336 | 1322 | 1336 | -14 | -1\% | 0 | 0\% | 1873 | 1964 | 1964 | 91 | 5\% | 91 | 5\% | 2244 | 2315 | 2315 | 72 | 3\% | 72 | 3\% |
| 9900 | 1339 | 1325 | 1339 | -13 | -1\% | 0 | 0\% | 1875 | 1969 | 1969 | 93 | 5\% | 93 | 5\% | 2248 | 2320 | 2320 | 72 | 3\% | 72 | 3\% |
| 9950 | 1342 | 1329 | 1342 | -13 | -1\% | 0 | 0\% | 1878 | 1973 | 1973 | 95 | 5\% | 95 | 5\% | 2253 | 2325 | 2325 | 72 | 3\% | 72 | 3\% |
| 10000 | 1345 | 1333 | 1345 | -12 | -1\% | 0 | 0\% | 1881 | 1978 | 1978 | 97 | 5\% | 97 | 5\% | 2257 | 2330 | 2330 | 73 | 3\% | 73 | 3\% |
| 10050 | 1353 | 1336 | 1353 | -17 | -1\% | 0 | 0\% | 1892 | 1983 | 1990 | 91 | 5\% | 98 | 5\% | 2269 | 2334 | 2343 | 66 | 3\% | 74 | 3\% |
| 10100 | 1361 | 1340 | 1361 | -21 | -2\% | 0 | 0\% | 1903 | 1988 | 2002 | 84 | 4\% | 98 | 5\% | 2281 | 2339 | 2355 | 58 | 3\% | 75 | 3\% |
| 10150 | 1369 | 1343 | 1369 | -26 | -2\% | 0 | 0\% | 1915 | 1992 | 2014 | 78 | 4\% | 99 | 5\% | 2293 | 2344 | 2368 | 51 | 2\% | 75 | 3\% |
| 10200 | 1377 | 1347 | 1377 | -30 | -2\% | 0 | 0\% | 1926 | 1997 | 2025 | 71 | 4\% | 99 | 5\% | 2305 | 2349 | 2381 | 44 | 2\% | 76 | 3\% |
| 10250 | 1385 | 1352 | 1385 | -33 | -2\% | 0 | 0\% | 1937 | 2004 | 2037 | 67 | 3\% | 100 | 5\% | 2317 | 2357 | 2394 | 40 | 2\% | 77 | 3\% |
| 10300 | 1393 | 1358 | 1393 | -36 | -3\% | 0 | 0\% | 1949 | 2012 | 2049 | 63 | 3\% | 100 | 5\% | 2329 | 2365 | 2407 | 36 | 2\% | 78 | 3\% |
| 10350 | 1402 | 1363 | 1402 | -39 | -3\% | 0 | 0\% | 1960 | 2019 | 2061 | 59 | 3\% | 101 | 5\% | 2341 | 2373 | 2420 | 33 | 1\% | 79 | 3\% |
| 10400 | 1410 | 1368 | 1410 | -42 | -3\% | 0 | 0\% | 1971 | 2027 | 2073 | 55 | 3\% | 101 | 5\% | 2353 | 2382 | 2433 | 29 | 1\% | 80 | 3\% |
| 10450 | 1418 | 1374 | 1418 | -44 | -3\% | 0 | 0\% | 1983 | 2034 | 2084 | 51 | 3\% | 102 | 5\% | 2365 | 2390 | 2446 | 25 | 1\% | 81 | 3\% |
| 10500 | 1426 | 1379 | 1426 | -47 | -3\% | 0 | 0\% | 1994 | 2042 | 2096 | 48 | 2\% | 102 | 5\% | 2377 | 2398 | 2458 | 22 | 1\% | 82 | 3\% |
| 10550 | 1434 | 1384 | 1434 | -50 | -3\% | 0 | 0\% | 2005 | 2049 | 2108 | 44 | 2\% | 103 | 5\% | 2389 | 2406 | 2471 | 18 | 1\% | 83 | 3\% |
| 10600 | 1442 | 1390 | 1442 | -53 | -4\% | 0 | 0\% | 2017 | 2057 | 2120 | 40 | 2\% | 103 | 5\% | 2401 | 2415 | 2484 | 14 | 1\% | 84 | 3\% |
| 10650 | 1451 | 1395 | 1451 | -56 | -4\% | 0 | 0\% | 2028 | 2064 | 2132 | 36 | 2\% | 104 | 5\% | 2413 | 2423 | 2497 | 11 | 0\% | 85 | 4\% |
| 10700 | 1459 | 1400 | 1459 | -59 | -4\% | 0 | 0\% | 2040 | 2072 | 2144 | 32 | 2\% | 104 | 5\% | 2424 | 2431 | 2510 | 7 | 0\% | 86 | 4\% |
| 10750 | 1467 | 1405 | 1467 | -61 | -4\% | 0 | 0\% | 2051 | 2079 | 2155 | 28 | 1\% | 105 | 5\% | 2436 | 2440 | 2523 | 3 | 0\% | 86 | 4\% |
| 10800 | 1475 | 1411 | 1475 | -64 | -4\% | 0 | 0\% | 2062 | 2087 | 2167 | 24 | 1\% | 105 | 5\% | 2448 | 2448 | 2536 | -1 | 0\% | 87 | 4\% |
| 10850 | 1483 | 1416 | 1483 | -67 | -5\% | 0 | 0\% | 2074 | 2094 | 2179 | 20 | 1\% | 105 | 5\% | 2460 | 2456 | 2549 | -4 | 0\% | 88 | 4\% |
| 10900 | 1491 | 1421 | 1491 | -70 | -5\% | 0 | 0\% | 2085 | 2101 | 2191 | 17 | 1\% | 106 | 5\% | 2472 | 2464 | 2562 | -8 | 0\% | 89 | 4\% |
| 10950 | 1499 | 1427 | 1499 | -73 | -5\% | 0 | 0\% | 2096 | 2109 | 2203 | 13 | 1\% | 106 | 5\% | 2484 | 2473 | 2574 | -12 | 0\% | 90 | 4\% |
| 11000 | 1508 | 1432 | 1508 | -75 | -5\% | 0 | 0\% | 2108 | 2116 | 2214 | 9 | 0\% | 107 | 5\% | 2496 | 2481 | 2587 | -15 | -1\% | 91 | 4\% |
| 11050 | 1516 | 1437 | 1516 | -78 | -5\% | 0 | 0\% | 2119 | 2124 | 2226 | 5 | 0\% | 107 | 5\% | 2508 | 2489 | 2600 | -19 | -1\% | 92 | 4\% |
| 11100 | 1524 | 1443 | 1524 | -81 | -5\% | 0 | 0\% | 2130 | 2131 | 2238 | 1 | 0\% | 108 | 5\% | 2520 | 2498 | 2613 | -23 | -1\% | 93 | 4\% |
| 11150 | 1532 | 1448 | 1532 | -84 | -5\% | 0 | 0\% | 2142 | 2139 | 2250 | -3 | 0\% | 108 | 5\% | 2532 | 2506 | 2626 | -26 | -1\% | 94 | 4\% |
| 11200 | 1540 | 1453 | 1540 | -87 | -6\% | 0 | 0\% | 2153 | 2146 | 2262 | -7 | 0\% | 109 | 5\% | 2544 | 2514 | 2639 | -30 | -1\% | 95 | 4\% |
| 11250 | 1548 | 1459 | 1548 | -90 | -6\% | 0 | 0\% | 2164 | 2154 | 2274 | -10 | 0\% | 109 | 5\% | 2556 | 2522 | 2652 | -34 | -1\% | 96 | 4\% |
| 11300 | 1556 | 1464 | 1556 | -92 | -6\% | 0 | 0\% | 2176 | 2161 | 2285 | -14 | -1\% | 110 | 5\% | 2568 | 2531 | 2665 | -37 | -1\% | 97 | 4\% |
| 11350 | 1565 | 1469 | 1565 | -95 | -6\% | 0 | 0\% | 2187 | 2169 | 2297 | -18 | -1\% | 110 | 5\% | 2580 | 2539 | 2678 | -41 | -2\% | 97 | 4\% |
| 11400 | 1573 | 1475 | 1573 | -98 | -6\% | 0 | 0\% | 2198 | 2176 | 2309 | -22 | -1\% | 111 | 5\% | 2592 | 2547 | 2690 | -45 | -2\% | 98 | 4\% |
| 11450 | 1581 | 1478 | 1581 | -102 | -6\% | 0 | 0\% | 2210 | 2183 | 2321 | -27 | -1\% | 111 | 5\% | 2604 | 2556 | 2703 | -48 | -2\% | 99 | 4\% |
| 11500 | 1589 | 1482 | 1589 | -107 | -7\% | 0 | 0\% | 2221 | 2189 | 2333 | -32 | -1\% | 112 | 5\% | 2616 | 2564 | 2716 | -52 | -2\% | 100 | 4\% |
| 11550 | 1597 | 1486 | 1597 | -111 | -7\% | 0 | 0\% | 2232 | 2195 | 2344 | -37 | -2\% | 112 | 5\% | 2628 | 2572 | 2729 | -56 | -2\% | 101 | 4\% |
| 11600 | 1605 | 1490 | 1605 | -115 | -7\% | 0 | 0\% | 2244 | 2202 | 2356 | -42 | -2\% | 113 | 5\% | 2640 | 2581 | 2742 | -59 | -2\% | 102 | 4\% |
| 11650 | 1614 | 1494 | 1614 | -120 | -7\% | 0 | 0\% | 2255 | 2208 | 2368 | -47 | -2\% | 113 | 5\% | 2652 | 2589 | 2755 | -63 | -2\% | 103 | 4\% |
| 11700 | 1622 | 1498 | 1622 | -124 | -8\% | 0 | 0\% | 2266 | 2215 | 2380 | -52 | -2\% | 113 | 5\% | 2664 | 2597 | 2768 | -67 | -3\% | 104 | 4\% |
| 11750 | 1630 | 1502 | 1630 | -128 | -8\% | 0 | 0\% | 2278 | 2221 | 2392 | -57 | -2\% | 114 | 5\% | 2676 | 2606 | 2781 | -70 | -3\% | 105 | 4\% |
| 11800 | 1638 | 1506 | 1638 | -132 | -8\% | 0 | 0\% | 2289 | 2227 | 2404 | -62 | -3\% | 114 | 5\% | 2688 | 2614 | 2793 | -74 | -3\% | 106 | 4\% |
| 11850 | 1646 | 1510 | 1646 | -137 | -8\% | 0 | 0\% | 2300 | 2234 | 2415 | -67 | -3\% | 115 | 5\% | 2700 | 2622 | 2806 | -78 | -3\% | 107 | 4\% |
| 11900 | 1654 | 1513 | 1654 | -141 | -9\% | 0 | 0\% | 2312 | 2240 | 2427 | -72 | -3\% | 115 | 5\% | 2712 | 2631 | 2819 | -81 | -3\% | 107 | 4\% |
| 11950 | 1662 | 1517 | 1662 | -145 | -9\% | 0 | 0\% | 2323 | 2247 | 2439 | -77 | -3\% | 116 | 5\% | 2724 | 2639 | 2832 | -85 | -3\% | 108 | 4\% |

Side-by-Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \frac{0}{0_{10}^{2}} \\ & \frac{1}{x} \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \frac{0}{5} \\ & \frac{0}{x} \end{aligned}$ |  |  |  |  |  |  |
| 12000 | 1671 | 1521 | 1671 | -149 | -9\% | 0 | 0\% | 2335 | 2253 | 2451 | -81 | -3\% | 116 | 5\% | 2736 | 2647 | 2845 | -88 | -3\% | 109 | 4\% |
| 12050 | 1679 | 1525 | 1679 | -154 | -9\% | 0 | 0\% | 2346 | 2259 | 2463 | -86 | -4\% | 117 | 5\% | 2748 | 265 | 2858 | -92 | -3\% | 110 | 4\% |
| 12100 | 1687 | 1529 | 1687 | -158 | -9\% | 0 | 0\% | 2357 | 2266 | 2474 | -91 | -4\% | 117 | 5\% | 2760 | 2664 | 2871 | -96 | -3\% | 111 | 4\% |
| 12150 | 169 | 15 | 1695 | -162 | -10\% | 0 | 0\% | 2369 | 2272 | 2486 | -96 | -4\% | 118 | 5\% | 27 | 267 | 2884 | -99 | -4\% | 112 | 4\% |
| 12200 | 170 | 15 | 1703 | -166 | -10\% | 0 | 0\% | 2380 | 22 | 2498 | -101 | -4\% | 118 | 5\% | 2784 | 2681 | 289 | -103 | -4\% | 113 | 4\% |
| 12250 | 171 | 154 | 1711 | -170 | -10\% | 0 | 0\% | 2391 | 2286 | 2510 | -105 | -4\% | 119 | 5\% | 2796 | 2690 | 290 | -10 | -4\% | 114 | 4\% |
| 12300 | 171 | 15 | 1719 | -174 | -10\% | 0 | 0\% | 2403 | 2292 | 2522 | -110 | 5\% | 119 | 5\% | 2808 | 2698 | 292 | -109 | -4\% | 115 | 4\% |
| 12350 | 1728 | 1549 | 1728 | -178 | -10\% | 0 | 0\% | 2414 | 229 | 2534 | -115 | -5\% | 120 | 5\% | 2819 | 270 | 293 | -11 | -4\% | 116 | 4\% |
| 12400 | 1736 | 15 | 1736 | -182 | -10\% | 0 | 0\% | 2425 | 230 | 2545 | -119 | -5\% | 120 | 5\% | 28 | 271 | 294 | -11 | -4\% | 117 | 4\% |
| 12450 | 1744 | 155 | 174 | -186 | -11\% | 0 | 0\% | 2437 | 2313 | 557 | -123 | -5\% | 120 | 5\% | 2843 | 272 | 296 | -11 | -4\% | 118 | 4\% |
| 12500 | 175 | 1562 | 1752 | -190 | -11\% | 0 | 0\% | 24 | 2320 | 2569 | -128 | -5\% | 121 | 5\% | 285 | 273 | 2974 | -120 | -4\% | 118 | 4\% |
| 12550 | 176 | 156 | 1760 | -194 | -11\% | 0 | 0\% | 2459 | 23 | 2581 | -132 | -5\% | 121 | 5\% | 2867 | 27 | 298 | -123 | -4\% | 119 | 4\% |
| 12600 | 17 | 15 | 1768 | -198 | -11\% | 0 | 0\% | 24 | 2333 | 93 | -138 | -6\% | 122 | 5\% | 2879 | 2750 | 300 | -129 | -4\% | 120 | 4\% |
| 12650 | 177 | 15 | 177 | -203 | -11\% | 0 | 0\% | 2482 | 2337 | 2604 | -145 | -6\% | 12 | 5\% | 2891 | 2755 | 301 | -13 | -5\% | 121 | 4\% |
| 12700 | 17 | 1577 | 1785 | -208 | -12\% | 0 | 0\% | 2493 | 2342 | 16 | -152 | -6\% | 123 | 5\% | 2903 | 2760 | 3025 | -14 | -5\% | 122 | 4\% |
| 12750 | 1793 | 1580 | 1793 | -213 | 2\% | 0 | 0\% | 2505 | 2347 | 28 | -158 | -6\% | 123 | 5\% | 2915 | 2765 | 303 | -15 | -5\% | 123 | 4\% |
| 12800 | 18 | 15 | 1801 | -218 | -12\% | 0 | 0\% | 2516 | 235 | 2640 | -165 | -7\% | 124 | 5\% | 2927 | 2770 | 305 | -157 | -5\% | 124 | 4\% |
| 12850 | 18 | 1587 | 1809 | -222 | -12\% | 0 | 0\% | 252 | 2356 | 2652 | -172 | -7\% | 124 | 5\% | 29 | 2775 | 306 | -164 | -6\% | 125 | 4\% |
| 12900 | 1817 | 1590 | 1817 | -227 | -13\% | 0 | 0\% | 253 | 2360 | 2663 | -178 | -7\% | 125 | 5\% | 295 | 2781 | 3077 | -171 | -6\% | 12 | 4\% |
| 12950 | 1825 | 1593 | 1825 | -232 | -13\% | 0 | 0\% | 25 | 2365 | 2675 | -185 | -7\% | 125 | 5\% | 296 | 2786 | 309 | -178 | -6\% | 12 | 4\% |
| 13000 | 183 | 159 | 1834 | -237 | -13\% | 0 | 0\% | 2561 | 2370 | 2687 | -192 | -7\% | 126 | 5\% | 2975 | 2791 | 3103 | -18 | -6\% | 128 | 4\% |
| 13050 | 1842 | 1600 | 1842 | 42 | 3\% | 0 | 0\% | 2573 | 2374 | 2699 | 98 | 8\% | 126 | 5\% | 2987 | 2796 | 3116 | -191 | -6\% | 129 | 4\% |
| 13100 | 1850 | 1603 | 1850 | -24 | -13 | 0 | 0\% | 2584 | 2379 | 2711 | -20 | -8\% | 127 | 5\% | 2999 | 2801 | 3128 | -198 | -7\% | 129 |  |
| 13150 | 1858 | 1607 | 1858 | -251 | -14\% | 0 | 0\% | 2596 | 2384 | 2723 | -212 | -8\% | 127 | 5\% | 301 | 2806 | 314 | -20 | -7\% | 130 | 4\% |
| 13200 | 1866 | 1610 | 1866 | -256 | -14\% | 0 | 0\% | 2607 | 2388 | 2734 | -219 | -8\% | 128 | 5\% | 302 | 2811 | 3154 | -212 | -7\% | 131 | 4\% |
| 1325 | 1874 | 1613 | 1874 | -261 | -14\% | 0 | 0\% | 2618 | 2393 | 2746 | -225 | -9\% | 128 | 5\% | 303 | 2816 | 3167 | -219 | -7\% | 13 | 4\% |
| 13300 | 188 | 1617 | 1882 | -266 | -14\% | 0 | 0\% | 2630 | 2398 | 2758 | -232 | -9\% | 128 | 5\% | 304 | 282 | 3180 | -226 | -7\% | 13 | 4\% |
| 13350 | 1891 | 16 | 1891 | 71 | -14\% | 0 | 0\% | 2641 | 2402 | 2770 | 239 | -9\% | 129 | 5\% | 3059 | 2826 | 3193 | -23 | -8\% | 13 | 4\% |
| 13400 | 1899 | 1623 | 1899 | -275 | -15\% | 0 | 0\% | 2652 | 2407 | 2782 | -245 | -9\% | 129 | 5\% | 3071 | 2831 | 3206 | -239 | -8\% | 135 | 4\% |
| 13450 | 1907 | 1627 | 1907 | -28 | -15\% | 0 | 0\% | 2664 | 2412 | 2793 | -252 | -9\% | 130 | 5\% | 3083 | 2836 | 3219 | -246 | -8\% | 136 | 4\% |
| 13500 | 19 | 16 | 1915 | -285 | -15\% | 0 | 0\% | 26 | 24 | 2805 | -259 | -10\% | 130 | 5\% | 30 | 2842 | 323 | -253 | -8\% | 13 | 4\% |
| 13550 | 192 | 1633 | 1923 | -290 | -15\% | 0 | 0\% | 2686 | 2421 | 2817 | -265 | -10\% | 131 | 5\% | 3107 | 2847 | 3244 | -260 | -8\% | 138 | 4\% |
| 13600 | 193 | 163 | 1931 | -295 | -15\% | 0 | 0\% | 26 | 2425 | 2829 | -272 | -10\% | 131 | $5 \%$ | 31 | 2852 | 3257 | -267 | -9\% | 139 | 4\% |
| 1365 | 19 | 1640 | 1939 | 999 | -15\% | 0 | 0\% | 2709 | 2430 | 2841 | -279 | -10\% | 13 | $5 \%$ | 31 | 285 | 327 | -27 | -9\% | 140 | 4\% |
| 13700 | 1948 | 1644 | 1948 | -303 | -16\% | 0 | 0\% | 2720 | 2436 | 853 | 284 | -10\% | 132 | 5\% | 3143 | 28 | 328 | -28 | -9\% | 140 | 4\% |
| 13750 | 1956 | 16 | 19 | -30 | -16 | 0 | 0\% | 2732 | 2442 | 2864 | -290 | -11\% | 133 | 5\% | 3155 | 28 | 329 | -28 | -9 | 141 | 4\% |
| 13800 | 196 | 1653 | 1964 | -311 | -16\% | 0 | 0\% | 27 | 2447 | 2876 | -296 | -11\% | 133 | 5\% | 3167 | 28 | 3309 | -292 | -9\% | 142 | 4\% |
| 13850 | 1972 | 1657 | 1972 | -315 | -16\% | 0 | 0\% | 27 | 2453 | 2888 | -301 | -11\% | 134 | 5\% | 31 | 2880 | 3322 | -298 | -9\% | 14 | 5 |
| 13 | 1980 | 1662 | 1980 | -319 | -16\% | 0 | 0\% | 2766 | 2459 | 2900 | -307 | -11\% | 134 | 5\% | 31 | 2886 | 3335 | -304 | -10\% | 144 | 5\% |
| 13950 | 198 | 166 | 198 | -322 | -16\% | 0 | 0\% | 27 | 246 | 2912 | -313 | -11\% | 135 | 5\% | 32 | 289 | 334 | -31 | -10\% | 145 | 5\% |
| 00 | 199 | 1670 | 1997 | -326 | -16\% | 0 | 0\% | 2788 | 2470 | 2923 | -318 | -11\% | 135 | 5\% | 321 | 2898 | 3360 | -316 | -10\% | 146 | 5\% |
| 14050 | 2005 | 1675 | 2005 | -330 | -16\% | 0 | \% | 2800 | 2476 | 2935 | -324 | -12\% | 136 | 5\% | 322 | 290 | 3373 | -323 | -10\% | 147 | 5\% |
| 14100 | 2013 | 1679 | 2013 | -334 | -17\% | 0 | 0\% | 2811 | 2482 | 2947 | -330 | -12\% | 136 | 5\% | 3238 | 2910 | 3386 | -329 | -10\% | 148 | 5\% |
| 14150 | 2021 | 1683 | 2021 | -338 | -17\% | 0 | 0\% | 2822 | 2487 | 2959 | -335 | -12\% | 136 | 5\% | 3250 | 2916 | 3399 | -335 | -10\% | 14 | 5\% |
| 14200 | 2029 | 1687 | 2029 | -342 | -17\% | 0 | 0\% | 2834 | 2493 | 2971 | -341 | -12\% | 137 | 5\% | 326 | 2922 | 3412 | -341 | -10\% | 150 | 5\% |
| 14250 | 203 | 保 | 2037 | -346 | -17\% | 0 | 0\% | 2845 | 2499 | 2983 | -346 | -12\% | 13 | 5\% | 327 | 2927 | 3425 | -347 | -11\% | 15 | 5\% |
| 14300 | 2045 | 1696 | 2045 | -349 | -17\% | 0 | 0\% | 2856 | 2504 | 994 | -352 | -12\% | 138 | 5\% | 328 | 293 | 343 | -35 | -11\% | 151 | 5\% |
| 14350 | 205 | 170 | 2054 | -353 | -17\% | 0 | 0\% | 2868 | 2510 | 3006 | -358 | -12\% | 138 | 5\% | 32 | 2939 | 345 | -35 | -11 | 152 | 5\% |
| 14400 | 2062 | 17 | 2062 | 57 | -17\% | 0 | \% | 2879 | 2516 | 3018 | -363 | -13\% | 139 | $5 \%$ | 33 | 2945 | 346 | -36 | -11 | 153 | 5\% |
| 14450 | 2070 | 1709 | 2070 | -361 | -17\% | 0 | 0\% | 2891 | 2521 | 3030 | -369 | -13\% | 139 | 5\% | 332 | 2951 | 3476 | -371 | -11\% | 15 | 5\% |
| 14500 | 2078 | 1713 | 2078 | -365 | -18\% | 0 | 0\% | 2902 | 2527 | 3042 | -375 | -13\% | 140 | 5\% | 3334 | 2957 | 3489 | -377 | -11\% | 155 | 5\% |
| 55 | 2086 | 1718 | 2086 | -369 | -18\% | 0 | 0\% | 2913 | 2533 | 3053 | -380 | -13\% | 140 | 5\% | 3346 | 2963 | 3502 | -384 | -11\% | 156 | 5\% |
| 14600 | 2094 | 172 | 2094 | -373 | -18\% | 0 | 0\% | 2925 | 2539 | 3065 | -386 | -13\% | 141 | 5\% | 335 | 2968 | 3515 | -390 | -12\% | 15 | 5\% |
| 14650 | 2102 | 1726 | 2102 | -376 | -18\% | 0 | 0\% | 29 | 254 | 3077 | -392 | -13\% | 141 | 5\% | 3370 | 2974 | 28 | -396 | \% | 158 | 5\% |

Side-by-Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \frac{0}{5} \\ & \frac{0}{x} \\ & \frac{1}{x} \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \frac{0}{5} \\ & \frac{0}{x} \\ & \hline \frac{5}{4} \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14700 | 2111 | 1730 | 2111 | -380 | -18\% |  | 0\% | 2947 | 2550 | 3089 | -397 | -13\% | 142 | 5\% | 3382 | 298 | 3541 | -402 | -12\% | 159 | 5\% |
| 14750 | 2119 | 1735 | 2119 | -384 | -18\% | 0 | 0\% | 2959 | 2556 | 3101 | -403 | -14\% | 142 | 5\% | 3394 | 2986 | 3554 | -40 | -12\% | 160 | 5\% |
| 14800 | 21 | 1739 | 2127 | -388 | -18 | 0 | 0\% | 2970 | 2561 | 3113 | -40 | -14\% | 143 | 5\% | 3406 | 2992 | 3567 | -414 | -12\% | 161 | 5\% |
| 14850 | 213 | 1743 | 2135 | -39 | -18 | 0 | 0\% | 2981 | 2567 | 31 | -41 | -14\% | 143 | 5\% | 3418 | 2998 | 3579 | -42 | -12\% | 161 | 5\% |
| 14900 | 214 | 1748 | 2143 | -396 | -18\% | 0 | 0\% | 2993 | 2573 | 3136 | -420 | -14\% | 144 | 5\% | 3430 | 3004 | 3592 | -42 | -12\% | 162 | 5\% |
| 14950 | 215 | 1752 | 2151 | -400 | -19\% | 0 | 0\% | 30 | 25 | 314 | -426 | -14\% | 144 | 5\% | 3442 | 3010 | 3605 | -43 | -13\% | 163 | 5\% |
| 15000 | 2160 | 1756 | 2160 | -403 | -19\% | 0 | 0\% | 3015 | 2584 | 16 | 43 | -14\% | 144 | 5\% | 345 | 3015 | 3618 | 43 | -13\% | 164 | \% |
| 15050 | 2163 | 1760 | 2251 | 02 | 9\% | 88 | 4\% | 3021 | 259 | 317 | -431 | -14\% | 149 | 5\% | 34 | 302 | 363 | -43 | -13\% | 170 | 5\% |
| 15100 | 2166 | 1765 | 54 | 02 | \% | 88 | 4\% | 3026 | 2595 | 3175 | -431 | -14\% | 149 | 5\% | 34 | 302 | 363 | -43 | -13\% | 170 | 5\% |
| 15150 | 217 | 176 | 225 | -402 | -19\% | 88 | 4\% | 3031 | 2599 | 3180 | -433 | -14\% | 149 | 5\% | 3472 | 303 | 364 | -44 | -13\% | 170 | 5\% |
| 15200 | 217 | 1770 | 226 | -40 | -19\% | 88 | 4\% | 3036 | 26 | 3185 | -434 | -14\% | 149 | 5\% | 3478 | 303 | 3647 | -44 | -13\% | 169 | 5\% |
| 15 | 2176 | 1773 | 226 | -404 | -19\% | 88 | 4\% | 304 | 2605 | 3191 | -436 | -14\% | 149 | 5\% | 3484 | 3037 | 3653 | -44 | -13\% | 169 | 5\% |
| 15300 | 21 | 1775 | 2267 | -40 | -19\% | 88 | 4\% | 3047 | 2608 | 96 | -439 | -14\% | 149 | 5\% | 3490 | 3039 | 3659 | -45 | -13\% | 169 | \% |
| 15350 | 218 | 17 | 227 | -40 | -19 | 88 | 4\% | 3052 | 2611 | 32 | -44 | -14\% | 149 | 5\% | 3496 | 3042 | 366 | -45 | -13\% | 169 | 5\% |
| 15400 | 2186 | 1780 | 2274 | -406 | -19\% | 88 | 4\% | 3057 | 2614 | 3206 | -443 | 4\% | 148 | 5\% | 3502 | 3045 | 3671 | 45 | -13\% | 169 | 5\% |
| 15450 | 2190 | 1782 | 2277 | -407 | -19\% | 87 | 4\% | 3063 | 2617 | 3211 | -445 | -15\% | 148 | 5\% | 3508 | 3048 | 3677 | 46 | -13\% | 169 | 5\% |
| 15500 | 219 | 1785 | 228 | -408 | -19\% | 87 | 4\% | 3068 | 2620 | 3216 | -448 | -15\% | 148 | 5\% | 35 | 3051 | 368 | -46 | -13\% | 168 | 5\% |
| 15550 | 2196 | 87 | 2284 | -409 | -19\% | 87 | 4\% | 3073 | 2623 | 3221 | -450 | -15\% | 148 | 5\% | 35 | 3054 | 3688 | -46 | -13\% | 168 | 5\% |
| 15600 | 2200 | 1789 | 2287 | -410 | -19\% | 87 | 4\% | 3079 | 2627 | 3226 | -452 | -15\% | 148 | 5\% | 35 | 3057 | 3694 | -46 | -13\% | 168 |  |
| 15650 | 22 | 179 | 229 | -411 | -19\% | 87 | 4\% | 3084 | 2630 | 3232 | -454 | -15\% | 148 | 5\% | 35 | 306 | 3700 | -472 | -13\% | 168 | \% |
| 15700 | 22 | 1794 | 2293 | -412 | -19 | 87 | 4\% | 3089 | 2633 | 37 | -457 | -15\% | 148 | 5\% | 3538 | 3062 | 3706 | -47 | -13\% | 168 | \% |
| 15750 | 22 | 1797 | 2297 | 13 | -19\% | 87 | 4\% | 3094 | 2636 | 3242 | 459 | -15\% | 147 | 5\% | 3544 | 3065 | 3712 | -47 | -14\% | 168 | 5\% |
| 15800 | 2213 | 1799 | 2300 | -414 | -19\% | 87 | 4\% | 3100 | 2639 | 3247 | -461 | -15 | 147 | 5\% | 3550 | 3068 | 3717 | -482 | -14\% | 167 | 5\% |
| 15850 | 2216 | 1801 | 2303 | -41 | \% | 87 | 4\% | 3105 | 26 | 3252 | -463 | -15\% | 147 | 5\% | 35 | 3071 | 3723 | -48 | -14\% | 16 |  |
| 1590 | 22 | 1804 | 2306 | -416 | -19\% | 87 | 4\% | 3110 | 2645 | 3257 | -466 | -15\% | 147 | 5\% | 3562 | 3074 | 3729 | -488 | -14\% | 16 |  |
| 1595 | 2223 | 180 | 2310 | -417 | -19\% | 87 | 4\% | 3115 | 2648 | 3262 | -468 | -15\% | 147 | 5\% | 356 | 3077 | 3735 | -491 | -14\% | 167 |  |
| 16000 | 2226 | 1809 | 2313 | -418 | -19\% | 86 | 4\% | 3121 | 2651 | 3267 | -470 | -15\% | 147 | 5\% | 357 | 3080 | 3741 | -49 | -14\% | 16 |  |
| 16050 | 2230 | 181 | 231 | -419 | -19\% | 86 | 4\% | 3126 | 265 | 3273 | -472 | 5\% | 147 | 5\% | 35 | 3083 | 374 | -49 | -14\% | 167 |  |
| 16100 | 223 | 1813 | 2319 | -420 | -19\% | 86 | 4\% | 3131 | 2657 | 3278 | -47 | -15\% | 146 | 5\% | 3586 | 3085 | 3753 | -501 | -14\% | 166 |  |
| 16150 | 2236 | 1816 | 2323 | -421 | -19\% | 86 | 4\% | 3137 | 2660 | 3283 | -47 | -1 | 146 | 5\% | 3592 | 3088 | 3758 | -504 | -14\% | 16 |  |
| 16200 | 22 | 1818 | 23 | -422 | -19\% | 86 | 4\% | 3142 | 2663 | 3288 | -479 | -15\% | 146 | 5\% | 3598 | 3091 | 3764 | -50 | -14\% | 16 | \% |
| 16250 | 2243 | 1820 | 2329 | -423 | -19\% | 86 | 4\% | 314 | 2666 | 3293 | -481 | -15\% | 146 | 5\% | 3604 | 3094 | 3770 | -510 | -14 | 166 | 5 |
| 16300 | 224 | 1823 | 2332 | -424 | -19\% | 86 | 4\% | 3152 | 2669 | 3298 | -484 | -15\% | 146 | 5\% | 361 | 3097 | 3776 | -51 | -14\% | 166 | 5\% |
| 1635 | 2250 | 285 | 2336 | 25 | -19\% | 86 | 4\% | 3158 | 672 | 3303 | -486 | -15\% | 146 | $5 \%$ | 361 | 310 | 378 | -51 | -14\% | 166 | 5\% |
| 16400 | 2253 | 1828 | 2339 | -426 | -19\% | 86 | 4\% | 3163 | 267 | 3308 | -488 | -15\% | 146 | 5\% | 36 | 310 | 378 | -51 | -14\% | 165 |  |
| 16450 | 225 | 1830 | 2342 | -427 | -19\% | 86 | 4\% | 3168 | 2678 | 33 | -490 | -15\% | 145 | 5\% | 3628 | 3106 | 3793 | -52 | -14\% | 165 |  |
| 16500 | 22 | 1832 | 2345 | -427 | -19 | 86 | 4\% | 3173 | 2681 | 3319 | -493 | -16\% | 145 | 5\% | 3634 | 3108 | 379 | -52 | -14 | 165 |  |
| 16550 | 2263 | 35 | 23 | -428 | -19\% | 85 | 4 | 179 | 2684 | 324 | -495 | -16\% | 145 | 5\% |  | 3111 | 38 | -5 | -15 | 165 |  |
| 1660 | 2267 | 1837 | 2352 | -429 | -19\% | 85 | 4\% | 3184 | 2687 | 3329 | -497 | -16\% | 145 | 5\% | 364 | 3114 | 3811 | -53 | -15\% | 16 | \% |
| 166 | 227 | 184 | 2355 | -430 | -19\% | 85 | 4\% | 3189 | 26 | 3334 | -500 | -16\% | 145 | 5\% | 3652 | 3117 | 3817 | -53 | -15\% | 16 | \% |
| 1670 | 227 | 184 | 2358 | -431 | 9\% | 85 | 4\% | 319 | 269 | 3339 | -502 | -16\% | 145 | $5 \%$ | 3658 | 312 | 382 | -53 | -15\% | 164 | 4\% |
| 16750 | 227 | 845 | 2362 | -431 | -19\% | 85 | 4\% | 3200 | 2697 | 3344 | -502 | -16\% | 145 | $5 \%$ | 366 | 3125 | 3828 | -539 | -15\% | 164 |  |
| 16800 | 2280 | 50 | 2365 | -430 | -19\% | 85 | 4\% | 3205 | 2704 | 3349 | -501 | -16\% | 144 | 5\% | 367 | 3133 | 383 | -538 | -15\% | 164 |  |
| 16850 | 2283 | 1854 | 2368 | -429 | -19\% | 85 | 4\% | 3210 | 2710 | 3355 | -500 | -16\% | 144 | 4\% | 3676 | 3140 | 3840 | -536 | -15\% | 16 |  |
| 16900 | 2287 | 1858 | 2371 | -428 | -19\% | 85 | 4\% | 3216 | 2717 | 3360 | -499 | -16\% | 144 | 4\% | 368 | 3148 | 3846 | -534 | -15\% | 16 |  |
| , | 2290 | 1863 | 2375 | -427 | -19 | 85 | 4\% | 3221 | 2723 | 3365 | -498 | -15\% | 144 | 4\% | 3688 | 3155 | 3852 | -533 | 14\% | 164 | 4\% |
| 17000 | 2293 | 1867 | 崖 | 26 | -19\% | 85 | 4\% | 3226 | 2730 |  | -497 | -15\% | 144 | 4\% | 369 | 316 | 888 | -53 | -14\% | 163 | 4\% |
| 17050 | 229 | 1871 | 238 | -425 | -19\% | 85 | 4\% | 3231 | 273 | 3375 | -495 | -15\% | 14 | 4\% | 37 | 317 | 3864 | -53 | -14\% | 163 | 4\% |
| 17100 | 230 | 187 | 238 | -424 | -18\% | 84 | 4\% | 323 | 2742 | 3380 | -494 | -15\% | 144 | $4 \%$ | 3706 | 3178 | 3869 | -52 | -14\% | 163 | 4\% |
| 17150 | 2303 | 1880 | 2388 | -423 | -18\% | 84 | 4\% | 3242 | 2749 | 3385 | -493 | -15\% | 143 | 4\% | 3712 | 3186 | 3875 | -526 | -14\% | 163 | 4\% |
| 120 | 2307 | 1884 | 2391 | -422 | -18\% | 84 | 4\% | 3247 | 2755 | 3390 | -492 | -15\% | 143 | 4\% | 3718 | 3193 | 3881 | -525 | -14\% | 163 | 4\% |
| 1725 | 2310 | 1889 | 2394 | -421 | -18\% | 84 | 4\% | 3252 | 2762 | 3396 | -491 | -15\% | 143 | 4\% | 372 | 3201 | 3887 | -523 | -14\% | 16 |  |
| 1730 | 2313 | 1893 | 2397 | -420 | -18\% | 84 | 4\% | 3258 | 2768 | 3401 | -489 | -15\% | 143 | 4\% | 3730 | 3209 | 3893 | -522 | -14\% | 163 | 4\% |
| 17350 | 2317 | 1897 | 2401 | -419 | -18\% | 84 | 4\% | 326 | 2775 | 3406 | -488 | -15\% | 143 | 4\% | 3736 | 3216 | 9 | -520 | -14\% | 162 | 4\% |

Side－by－Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | $\begin{aligned} & \frac{0}{\frac{0}{5}} \\ & \frac{5}{x} \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \text { 㖣 } \\ & \frac{1}{x} \end{aligned}$ |  |  |  |  |  |  |
| 17400 | 232 | 190 | 2404 | －418 | －18\％ | 84 | 4\％ | 326 | 2781 | 3411 | －487 | －15\％ | 143 | 4\％ | 3742 | 3224 | 3904 | 518 | 14 | 162 | 4\％ |
| 17450 | 233 | 06 | 2407 | －417 | －18\％ | 84 | 4\％ | 3274 | 78 | 3416 | －486 | －15\％ | 143 | 4\％ | 3748 | 3231 | 3910 | 51 | 4\％ | 162 | $4 \%$ |
| 17500 | 2327 | 1911 | 2411 | 16 | －18\％ | 84 | 4\％ | 3279 | 2794 | 3421 | 485 | －15\％ | 142 | 4\％ | 375 | 3239 | 391 | －51 | －14\％ | 162 | 4\％ |
| 17550 | 2330 | 1915 | 2414 | －415 | －18\％ | 84 | 4\％ | 3284 | 2801 | 3426 | －484 | －15 | 142 | 4\％ | 3760 | 3247 | 3922 | －514 | －14\％ | 162 | 4\％ |
| 17600 | 233 | 1919 | 2417 | －41 | －18 | 84 | 4\％ | 3289 | 2807 | 34 | －48 | －15\％ | 142 | 4\％ | 3766 | 3254 | 3928 | 51 | －14\％ | 162 | \％ |
| 17650 | 233 | 1924 | 2420 | －413 | －18\％ | 83 | 4\％ | 3295 | 2813 | 3437 | －481 | －15\％ | 142 | 4\％ | 3772 | 3262 | 3934 | －511 | －14 | 161 | 4\％ |
| 17700 | 2340 | 192 | 2424 | －412 | －18\％ | 83 | 4\％ | 3300 | 2820 | 3442 | －480 | －15\％ | 142 | 4\％ | 3778 | 3269 | 393 | －50 | －13 | 161 | 4\％ |
| 17750 | 2344 | 1932 | 2427 | －411 | －18\％ | 83 | 4\％ | 3305 | 2826 | 3447 | －479 | －14\％ | 142 | 4\％ | 3784 | 3277 | 3945 | －507 | －13\％ | 161 | \％ |
| 17800 | 2347 | 1937 | 2430 | －410 | －17\％ | 83 | 4\％ | 3310 | 2833 | 345 | －478 | －14\％ | 141 | 4\％ | 3790 | 3285 | 3951 | －506 | －13\％ | 161 | 4\％ |
| 17850 | 2350 | 1941 | 2433 | 09 | \％ | 83 | 4\％ | 3316 | 2839 | 3457 | 476 | －14\％ | 141 | 4\％ | 3796 | 3292 | 3957 | －504 | －13\％ | 161 | $4 \%$ |
| 17900 | 235 | 1945 | 243 | －408 | －17\％ | 83 | 4\％ | 3321 | 2846 | 3462 | －475 | －14\％ | 141 | 4\％ | 3802 | 33 | 396 | －503 | －13\％ | 161 | 4\％ |
| 17950 | 235 | 1950 | 244 | －407 | －17\％ | 83 | 4\％ | 3326 | 2852 | 3467 | －474 | －14\％ | 14 | 4\％ | 3808 | 3307 | 396 | －50 | －13\％ | 160 | 4\％ |
| 18000 | 2360 | 1954 | 2443 | －406 | －17\％ | 83 | 4\％ | 333 | 2859 | 3472 | －473 | －14\％ | 141 | 4\％ | 3814 | 3315 | 3975 | 49 | －13\％ | 160 | 4\％ |
| 18050 | 2364 | 1958 | 2446 | －405 | －17\％ | 83 | 3\％ | 3337 | 2865 | 3478 | －472 | －14 | 141 | 4\％ | 3820 | 3322 | 3980 | －498 | －13\％ | 16 | 4\％ |
| 18100 | 23 | 1963 | 2450 | －404 | －17\％ | 83 | 3\％ | 3342 | 2872 | 3483 | －471 | －14\％ | 141 | 4\％ | 3826 | 3330 | 3986 | －496 | －13\％ | 160 | \％ |
| 18150 | 2370 | 1967 | 2453 | －403 | －17\％ | 83 | 3\％ | 3347 | 2878 | 3488 | －469 | －14\％ | 140 | 4\％ | 3832 | 3338 | 3992 | －495 | －13\％ | 160 | 4\％ |
| 18200 | 2374 | 1971 | 2456 | －402 | －17\％ | 82 | 3\％ | 3353 | 2884 | 3493 | －468 | －14\％ | 140 | 4\％ | 3838 | 3345 | 3998 | －493 | －13\％ | 160 | \％ |
| 18250 | 2377 | 1976 | 2459 | －401 | －17\％ | 82 | 3\％ | 3358 | 2891 | 3498 | －467 | －14\％ | 140 | 4\％ | 3844 | 3353 | 40 | －491 | －13\％ | 159 | \％ |
| 18300 | 238 | 1980 | 246 | －400 | －17\％ | 82 | 3\％ | 336 | 2897 | 3503 | －466 | －14\％ | 140 | 4\％ | 38 | 3360 | 4010 | －490 | －13\％ | 159 | \％ |
| 18350 | 2384 | 1985 | 2466 | －399 | －17\％ | 82 | 3\％ | 3368 | 2904 | 3508 | －465 | －14\％ | 140 | 4\％ | 385 | 3368 | 4015 | －48 | －13\％ | 159 | \％ |
| 18400 | 238 | 1989 | 2469 | －39 | －17\％ | 82 | 3\％ | 3374 | 2910 | 3513 | －463 | －14\％ | 140 | 4\％ | 3862 | 3376 | 4021 | 48 | －13\％ | 159 | \％ |
| 18450 | 2390 | 1993 | 2472 | －397 | －17\％ | 82 | 3\％ | 3379 | 2917 | 3519 | －462 | －14\％ | 140 | 4\％ | 3868 | 3383 | 4027 | －485 | －13\％ | 159 | \％ |
| 18500 | 2394 | 1998 | 2476 | －396 | －17\％ | 82 | 3\％ | 3384 | 2923 | 3524 | －461 | －14\％ | 139 | 4\％ | 3874 | 3391 | 4033 | －484 | －12\％ | 159 | \％ |
| 18550 | 2397 | 2002 | 2479 | －395 | －16\％ | 82 | 3\％ | 3389 | 2930 | 3529 | －460 | －14\％ | 139 | 4\％ | 3880 | 3398 | 4039 | －482 | －12\％ | 158 | \％ |
| 1860 | 2400 | 2006 | 2482 | －394 | －16\％ | 82 | 3\％ | 3395 | 2936 | 3534 | －459 | －14\％ | 139 | 4\％ | 3886 | 3406 | 404 | －48 | －12\％ | 15 | \％ |
| 1865 | 2404 | 2011 | 2485 | －393 | －16\％ | 82 | 3\％ | 3400 | 2943 | 3539 | －457 | －13\％ | 139 | 4\％ | 3892 | 3414 | 4050 | －479 | －12\％ | 158 | \％ |
| 1870 | 24 | 15 | 89 | －392 | －16\％ | 81 | 3\％ | 3405 | 2949 | 3544 | －456 | －13\％ | 139 | 4\％ | 3898 | 3421 | 405 | －47 | －12\％ | 158 |  |
| 18750 | 24 | 2019 | 2492 | －391 | －16\％ | 81 | 3\％ | 3411 | 295 | 3549 | －455 | －13\％ | 139 | 4\％ | 39 | 342 | 406 | －47 | －12\％ | 158 | 4\％ |
| 18800 | 2414 | 2024 | 2495 | －390 | －16\％ | 81 | 3\％ | 3416 | 2962 | 3554 | －454 | －13 | 139 | 4\％ | 3910 | 3436 | 4068 | －474 | －12\％ | 158 | ， |
| 18850 | 2417 | 2028 | 2498 | －389 | －16\％ | 81 | 3\％ | 3421 | 2968 | 3560 | －453 | －13\％ | 138 | 4\％ | 3916 | 3444 | 4074 | －472 | －12\％ | 15 |  |
| 18900 | 24 | 2032 | 2502 | －388 | －16\％ | 81 | 3\％ | 3426 | 2975 | 3565 | －452 | －13 | 138 | 4\％ | 3922 | 3452 | 4080 | 471 | －12\％ | 15 | \％ |
| 18950 | 242 | 2037 | 2505 | －387 | －16 | 81 | 3\％ | 3432 | 2981 | 3570 | －450 | －13\％ | 138 | 4\％ | 3928 | 3459 | 4086 | －46 | －12 | 15 | 4\％ |
| 19000 | 242 | 41 | 250 | －386 | －16\％ | 81 | 3\％ | 3437 | 2988 | 3575 | －449 | －13\％ | 138 | 4\％ | 3934 | 3467 | 4091 | 46 | －12\％ | 157 | 4\％ |
|  | 2431 | 2045 | 2511 | －385 | 㐌 | 81 | 3\％ | 344 | 2994 | 358 | －448 | －13\％ | 138 | $4 \%$ | 3 | 3474 | 409 | －46 | －12\％ | 15 |  |
| 1910 | 2434 | 2050 | 2515 | 84 | －16\％ | 81 | 3\％ | 3447 | 3000 | 358 | 447 | －13\％ | 138 | 4\％ | 394 | 3482 | 410 | －465 | －12\％ | 157 |  |
| 19150 | 24 | 2054 | 2518 | －38 | －16 | 81 | 3\％ | 3453 | 3007 | 359 | －44 | －13 | 138 | 4\％ | 3952 | 3489 | 410 | －46 | －12\％ | 156 |  |
| 19200 | 24 | 2058 | 2521 | －383 | －1 | 81 | 3\％ | 3458 | 3013 | 3595 | －4 | －13 | 137 | 4\％ | 3958 | 3496 | 41 | －462 | －12 | 156 |  |
| 19250 | 244 | 2062 | 25 | －382 | －16\％ | 80 | 3\％ | 3463 | 3019 | 3601 | －444 | －13\％ | 137 | 4\％ | 3964 | 3 | 4121 | 46 | －12 | 15 | \％ |
| 1930 | 24 | 65 | 2528 | －382 | －16\％ | 80 | 3\％ | 3468 | 3023 | 3606 | －445 | －13\％ | 137 | 4\％ | 397 | 350 | 4126 | 46 | －12 | 15 | 㖪 |
| 1935 | 245 | 2069 | 2531 | －382 | －16\％ | 80 | 3\％ | 3474 | 30 | 3611 | －446 | －13\％ | 137 | 4\％ | 3977 | 3513 | 4132 | －46 | －12\％ | 15 | \％ |
| 19400 | 245 | 2072 | 2534 | －382 | －16 | 80 | 3\％ | 3479 | 3032 | 361 | －4 | －13\％ | 137 | $4 \%$ | 3983 | 3517 | 413 | －465 | －12\％ | 156 | \％ |
| 19450 | 2457 | 2075 | 2537 | 82 | －16\％ | 80 | 3\％ | 348 | 3036 | 3621 | －448 | －13\％ | 137 | 4\％ | 398 | 3522 | 414 | －46 | －12\％ | 155 | \％ |
| 50 | 2461 | 2079 | 2541 | －382 | －16\％ | 80 | 3\％ | 3490 | 3041 | 3626 | －449 | －13\％ | 137 | 4\％ | 3995 | 3526 | 4150 | －469 | －12\％ | 15 | \％ |
| 19550 | 2464 | 2082 | 2544 | －382 | －16\％ | 80 | 3\％ | 3495 | 3045 | 3631 | －450 | －13\％ | 136 | $4 \%$ | 4001 | 3530 | 4156 | －470 | －12\％ | 155 | 4\％ |
| 19600 | 2467 | 85 | 2547 | －382 | －15\％ | 80 | 3\％ | 3500 | 3049 | 3636 | －451 | －13\％ | 136 | 4\％ | 400 | 3535 | 4161 | －472 | －12\％ | 155 | 4\％ |
| 1965 | 24 | 2088 | 2550 | －382 | －15 | 80 | 3\％ | 3505 | 3054 | 3642 | －452 | －13\％ | 136 | 4\％ | 4013 | 3539 | 4167 | 3 | 2\％ | 155 | 4\％ |
| 19700 | 2474 | 2082 | 2554 | －382 | －15\％ | 80 | \％ | 3511 | 3058 | 3647 | －453 | －13\％ | 136 | 4\％ | 401 | 3544 | 4173 | －475 | －12\％ | 155 | \％ |
| 1975 | 2477 | 95 | 2557 | －382 | －15\％ | 80 | 3\％ | 3516 | 3062 | 3652 | －454 | －13\％ | 136 | $4 \%$ | 4025 | 3548 | 4179 | －476 | －12\％ | 154 | 4\％ |
| 19800 | 248 | 2098 | 2560 | －383 | －15\％ | 79 | 3\％ | 35 | 30 | 3657 | －455 | －13\％ | 136 | $4 \%$ | 4031 | 355 | 4185 | －478 | －12\％ | 154 | 4\％ |
| 1985 | 2484 | 01 | 2563 | －383 | －15\％ | 79 | 3\％ | 3526 | 3071 | 3662 | 456 | －13\％ | 136 | $4 \%$ | 4037 | 3557 | 4191 | －480 | －12\％ | 154 | 4\％ |
| 19900 | 2487 | 2105 | 2567 | －383 | －15\％ | 79 | 3\％ | 3532 | 3075 | 3667 | －456 | －13\％ | 135 | 4\％ | 4043 | 3561 | 4197 | －481 | －12\％ | 154 | 4\％ |
| 95 | 2491 | 2108 | 2570 | －383 | －15\％ | 79 | 3\％ | 3537 | 3080 | 3672 | －457 | －13\％ | 135 | $4 \%$ | 4049 | 3566 | 4202 | －483 | －12\％ | 154 | $4 \%$ |
| 20000 | 2494 | 2111 | 2573 | －383 | －15\％ | 79 | 3\％ | 3542 | 3084 | 3677 | －458 | －13\％ | 135 | 4\％ | 4055 | 3570 | 4208 | －484 | －12\％ | 154 | 4\％ |
| 20050 | 249 | 2115 | 2576 | －383 | －15 | 79 | 3\％ | 35 | 30 | 3683 | －459 | －13 | 135 | $4 \%$ | 4061 | 75 | 4214 | －486 | 12\％ | 153 | 4\％ |

Side－by－Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \frac{0}{\frac{0}{E}} \\ & \frac{b}{x} \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \frac{0}{5} \\ & \frac{0}{x} \\ & \hline \frac{5}{4} \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20100 | 2501 | 2118 | 2580 | －383 | －15\％ | 79 | 3\％ | 3553 | 3093 | 3688 | －460 | －13\％ | 135 | 4\％ | 4067 | 3579 | 4220 | －487 | －12\％ | 153 | 4\％ |
| 20150 | 2504 | 2121 | 2583 | －383 | －15\％ | 79 | 3\％ | 3558 | 3097 | 3693 | －461 | －13\％ | 135 | 4\％ | 4073 | 3584 | 422 | －489 | －12\％ | 153 | 4\％ |
| 20200 | 2507 | 2124 | 2586 | －38 | －15 | 79 | 3\％ | 3563 | 3101 | 3698 | －462 | －13 | 135 | 4\％ | 4079 | 3588 | 4232 | －491 | －12\％ | 153 | 4\％ |
| 20250 | 2511 | 2128 | 2589 | －38 | －15 | 79 | 3\％ | 3569 | 3106 | 3703 | －463 | －13\％ | 134 | 4\％ | 4085 | 3593 | 4237 | －492 | －12\％ | 153 | 4\％ |
| 20300 | 25 | 2131 | 2593 | －38 | －15\％ | 79 | 3\％ | 3574 | 3110 | 3708 | －46 | －13\％ | 134 | 4\％ | 4091 | 3597 | 4243 | －494 | －12 | 153 | \％ |
| 20 | 2518 | 2134 | 2596 | －383 | －15\％ | 78 | 3\％ | 3579 | 3114 | 3713 | －465 | －13\％ | 13 | 4\％ | 4097 | 36 | 424 | －49 | －12\％ | 15 | 4\％ |
| 20400 | 2521 | 2137 | 2599 | －383 | －15\％ | 78 | 3\％ | 3584 | 3119 | 371 | －466 | －13 | 134 | 4\％ | 4103 | 3606 | 4255 | －497 | －12 | 15 | 4\％ |
| 20450 | 2524 | 2141 | 2603 | 83 | 5\％ | 78 | 3\％ | 3590 | 3123 | 3724 | －467 | －13\％ | 134 | 4\％ | 4109 | 3610 | 4261 | －49 | －12\％ | 152 | 4\％ |
| 20500 | 2528 | 44 | 2606 | －384 | －15\％ | 78 | 3\％ | 3595 | 127 | 3729 | －468 | －13\％ | 134 | 4\％ | 4115 | 3615 | 426 | －50 | －12 | 152 | 4\％ |
| 20550 | 2531 | 2147 | 2609 | －38 | －15 | 78 | 3\％ | 3600 | 3132 | 3734 | －469 | －13\％ | 134 | 4\％ | 4121 | 3619 | 4272 | －502 | －12\％ | 152 | 4\％ |
| 20600 | 253 | 215 | 2612 | －384 | －15\％ | 78 | 3\％ | 3605 | 3136 | 3739 | －470 | －13\％ | 133 | 4\％ | 4127 | 3624 | 427 | －50 | 12 | 152 | 4\％ |
| 20 | 25 | 2154 | 2616 | －384 | －15\％ | 78 | 3\％ | 3611 | 3140 | 37 | －471 | －13\％ | 13 | 4\％ | 4133 | 3628 | 4284 | 505 | －12\％ | 151 | \％ |
| 20 | 2541 | 2157 | 2619 | －384 | －15\％ | 78 | 3\％ | 3616 | 3144 | 3749 | －472 | －13\％ | 133 | 4\％ | 4139 | 3632 | 4290 | －506 | －12\％ | 15 | 4\％ |
| 20750 | 25 | 2160 | 2622 | －384 | －1 | 78 | 3\％ | 3621 | 3149 | 3754 | －472 | －13\％ | 133 | 4\％ | 4145 | 3637 | 4296 | －508 | －12\％ | 15 | 4\％ |
| 20800 | 2548 | 2164 | 2625 | －384 | －15\％ | 78 | 3\％ | 3627 | 3153 | 3759 | －473 | －13\％ | 133 | 4\％ | 4151 | 3641 | 4302 | －509 | －12\％ | 15 | $4 \%$ |
| 20850 | 2551 | 2167 | 2629 | －384 | －15\％ | 78 | 3\％ | 3632 | 3157 | 3765 | －474 | －13\％ | 133 | 4\％ | 4157 | 3646 | 4308 | －511 | －12\％ | 15 | 4\％ |
| 20900 | 2554 | 2170 | 2632 | －384 | －15\％ | 77 | 3\％ | 3637 | 3162 | 3770 | －475 | －13\％ | 133 | 4\％ | 4163 | 3650 | 431 | －51 | －12\％ | 151 | \％ |
| 20950 | 255 | 73 | 635 | －384 | －15\％ | 77 | 3\％ | 3642 | 3166 | 3775 | －476 | －13\％ | 132 | 4\％ | 4169 | 3655 | 4319 | －514 | －12\％ | 150 |  |
| 21000 | 2561 | 2177 | 2638 | －384 | －15\％ | 77 | 3\％ | 3648 | 3170 | 780 | －477 | －13\％ | 132 | 4\％ | 4175 | 365 | 4325 | －51 | －12\％ | 150 |  |
| 21050 | 2564 | 2180 | 2642 | －38 | －15 | 77 | 3\％ | 3653 | 3175 | 3785 | －478 | －13\％ | 132 | 4\％ | 4181 | 3664 | 4331 | －517 | －12 | 150 | 4\％ |
| 21100 | 2568 | 2183 | 2645 | －384 | －15\％ | 77 | 3\％ | 3658 | 3179 | 3790 | －479 | －13\％ | 132 | 4\％ | 4187 | 3668 | 4337 | －519 | －12\％ | 15 | 4\％ |
| 21150 | 2571 | 2187 | 2648 | －384 | －15\％ | 77 | 3\％ | 3663 | 3183 | 3795 | 80 | －13\％ | 132 | 4\％ | 4193 | 3672 | 4343 | －520 | －12\％ | 15 | $4 \%$ |
| 21200 | 2574 | 2190 | 2651 | －38 | －15 | 77 | 3\％ | 3669 | 3188 | 3800 | －481 | －13 | 132 | 4\％ | 4199 | 3677 | 4348 | －522 | －12\％ | 15 | 4\％ |
| 21250 | 2578 | 2193 | 2655 | －385 | －15\％ | 77 | 3\％ | 36 | 192 | 3806 | －482 | －13\％ | 13 | 4\％ | 4205 | 3681 | 4354 | －523 | －12\％ | 15 |  |
| 21300 | 2581 | 96 | 58 | －385 | －15\％ | 77 | 3\％ | 36 | 96 | 3811 | －483 | －13\％ | 131 | 4\％ | 42 | 3686 | 4360 | －525 | －12\％ | 14 |  |
| 2135 | 2584 | 200 | 2661 | －385 | －15\％ | 77 | 3\％ | 3685 | 3201 | 3816 | －484 | －13\％ | 131 | 4\％ | 421 | 3690 | 4366 | －52 | －12\％ | 14 |  |
| 21400 | 25 | 220 | 2664 | －385 | －15\％ | 77 | 3\％ | 3690 | 3205 | 3821 | －485 | －13\％ | 13 | 4\％ | 4223 | 3695 | 437 | －52 | －13\％ | 14 |  |
| 21450 | 2591 | 2206 | 2668 | －385 | －15\％ | 76 | 3\％ | 3695 | 3209 | 3826 | 86 | －13\％ | 131 | 4\％ | 4229 | 3699 | 4378 | －530 | －13\％ | 149 |  |
| 21500 | 2594 | 2209 | 2671 | －385 | －15\％ | 76 | 3\％ | 3700 | 3214 | 3831 | －487 | －13\％ | 131 | 4\％ | 4235 | 3703 | 4383 | －531 | －13\％ | 14 | 4\％ |
| 21550 | 2598 | 2213 | 2674 | －385 | －15\％ | 76 | 3\％ | 3706 | 3218 | 3836 | 88 | －1 | 131 | 4\％ | 4241 | 3708 | 4389 | 533 | －13\％ | 14 | 4\％ |
| 21 | 26 | 2216 | 2677 | －385 | －15\％ | 76 | 3\％ | 3711 | 3222 | 3841 | －488 | －13\％ | 131 | 4\％ | 4247 | 3712 | 4395 | －53 | －13\％ | 14 | 3\％ |
| 21 | 2605 | 19 | 2681 | －385 | －15\％ | 76 | 3\％ | 3716 | 3227 | 3847 | －489 | －13\％ | 130 | 4\％ | 42 | 3717 | 4401 | －536 | －13\％ | 14 | \％ |
| 21700 | 2608 | 2223 | 2684 | －385 | －15\％ | 76 | 3\％ | 372 | 3231 | 385 | －490 | －13\％ | 13 | 3\％ | 4259 | 3721 | 440 | －538 | －13\％ | 148 |  |
| 2175 | 11 | 26 | 2687 | －385 | －15\％ | 76 | 3\％ | 37 | 3235 | 3857 | －491 | －13\％ | 13 | 3\％ | 4265 | 372 | 4413 | －539 | －13\％ | 148 |  |
| 21800 | 2615 | 2229 | 2690 | －385 | －15 | 76 | 3\％ | 3732 | 3240 | 3862 | －49 | －13 | 130 | 3\％ | 4271 | 3730 | 4419 | －541 | －13 | 14 |  |
| 21850 | 2618 | 2232 | 2694 | －385 | －15 | 76 | 3\％ | 3737 | 3244 | 386 | －493 | －13 | 130 | 3\％ | 4277 | 3735 | 4424 | －542 | －138 | 14 |  |
| 2190 | 26 | 2236 | 2697 | －38 | －15 | 76 | 3\％ | 3742 | 3248 | 3872 | －494 | －13 | 130 | 3\％ | 4283 | 3739 | 4430 | －544 | －13\％ | 14 |  |
| 219 | 262 | 39 | 2700 | －38 | －15 | 76 | 3\％ | 3748 | 3253 | 3877 | －495 | －13\％ | 130 | 3\％ | 4289 | 3743 | 4436 |  | －13\％ |  | 3\％ |
| 220 | 2628 | 2242 | 2703 | －386 | －15\％ | 75 | 3\％ | 3753 | 3257 | 3882 | －496 | －13\％ | 129 | 3\％ | 42 | 3748 | 4442 | －54 | －13\％ | 14 | 3\％ |
| 220 | 263 | 246 | 2707 | －386 | －15\％ | 75 | 3\％ | 3758 | 3261 | 388 | －497 | －13\％ | 12 | 3\％ | 4301 | 37 | 4448 | －549 | －13 | 14 | 3\％ |
| 22 | 2635 | 249 | 2710 | －386 | －15\％ | 75 | 3\％ | 3764 | 3266 | 3893 | －498 | －13\％ | 129 | 3\％ | 4307 | 3757 | 4454 | －550 | －13\％ | 147 | 3\％ |
| 22150 | 238 | 52 | 2713 | －386 | －15\％ | 75 | 3\％ | 3769 | 3270 | 3898 | －499 | －13\％ | 129 | 3\％ | 431 | 3761 | 4459 | －55 | －13\％ | 147 |  |
| 222 | 2641 | 2255 | 2716 | －386 | －15\％ | 7 | 3\％ | 3774 | 3274 | 3903 | －500 | －13\％ | 129 | 3\％ | 43 | 3766 | 4465 | －553 | －13\％ | 146 |  |
| 222 | 2645 | 2259 | 2720 | －386 | －15\％ | 75 | 3\％ | 3779 | 3279 | 3908 | －501 | －13\％ | 129 | 3\％ | 432 | 3770 | 4471 | －555 | －13\％ | 146 |  |
| 22300 | 2648 | 22 | 23 | －386 | －15\％ | 75 | 3\％ | 3785 | 3283 | 3913 | －502 | －13\％ | 129 | 3\％ | 4331 | 74 | 4477 | －556 | －13\％ | 146 |  |
| 22 | 2651 | 2265 | 726 | －386 | －15\％ | 75 | 3\％ | 3790 | 2287 | 3918 | －503 | －13\％ | 128 | 3\％ | 仿 | 星 | 4483 | －55 | －13\％ |  | 㖪 |
| 224 | 2655 | 2268 | 2729 | －386 | －15\％ | 75 | 3\％ | 379 | 292 | 3923 | －504 | －13\％ | 128 | 3\％ | 43 | 378 | 448 | －56 | －13\％ | 14 | 3\％ |
| 224 | 2658 | 2272 | 2733 | －386 | －15\％ | 75 | 3\％ | 3800 | 3296 | 3929 | －504 | －13\％ | 128 | 3\％ | 4349 | 378 | 4494 | －561 | －13\％ | 146 | 3\％ |
| 22 | 2661 | 275 | 2736 | －386 | －15\％ | 75 | 3\％ | 3806 | 3300 | 3934 | －505 | －13\％ | 128 | 3\％ | 4355 | 3792 | 4500 | －563 | －13\％ | 145 |  |
| 22550 | 2665 | 2278 | 2739 | －387 | －15\％ | 74 | 3\％ | 3811 | 3305 | 3939 | －506 | －13\％ | 128 | $3 \%$ | 436 | 3797 | 4506 | －564 | －13\％ | 14 |  |
| 2260 | 2668 | 2282 | 2742 | －387 | －14\％ | 74 | 3\％ | 3816 | 3309 | 3944 | －507 | －13\％ | 128 | 3\％ | 436 | 3801 | 4512 | －566 | －13\％ | 145 |  |
| 226 | 2671 | 2285 | 2746 | －387 | －14\％ | 74 | 3\％ | 3822 | 3313 | 3949 | －508 | －13\％ | 127 | 3\％ | 437 | 3806 | 4518 | －567 | －13\％ | 145 | 3\％ |
| 227 | 267 | 2288 | 2749 | －387 | －14\％ | 74 | 3\％ | 3827 | 3318 | 3954 | －509 | －13\％ | 127 | 3\％ | 43 | 10 | 24 | －569 | －13\％ | 145 | 3\％ |
| 2275 | 2678 | 22 | 275 | －387 | －14\％ | 74 | 3\％ | 3832 | 33 | 3959 | －510 | －13\％ | 12 | 3\％ | 438 | 38 | 453 | －5 | －13\％ | 145 | 3\％ |

Side-by-Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \frac{0}{\frac{0}{E}} \\ & \frac{b}{x} \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \frac{0}{\frac{0}{5}} \\ & \frac{5}{x} \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22800 | 2681 | 2295 | 2755 | -387 | -14\% | 74 | 3\% | 3837 | 3326 | 3964 | -511 | -13\% | 12 | 3\% | 4391 | 3819 | 4535 | -572 | -13\% | 144 | 3\% |
| 22850 | 2685 | 2298 | 2759 | -387 | -14\% | 74 | 3\% | 3843 | 3331 | 3970 | -512 | -13\% | 127 | 3\% | 4397 | 3825 | 454 | -572 | -13\% | 144 | 3\% |
| 22900 | 2688 | 2301 | 2762 | -38 | -14 | 74 | 3\% | 3848 | 3336 | 3975 | -512 | -13 | 127 | 3\% | 4403 | 3831 | 4547 | -57 | 13\% | 144 | 3\% |
| 22950 | 2692 | 2303 | 2765 | -38 | -14 | 74 | 3\% | 3853 | 3341 | 3980 | -512 | -13\% | 127 | 3\% | 4409 | 3838 | 45 | -571 | -13\% | 144 | 3\% |
| 23 | 2695 | 2306 | 2768 | -38 | -14\% | 74 | 3\% | 3858 | 3346 | 3985 | -513 | -13\% | 126 | 3\% | 4415 | 3845 | 4559 | 57 | -13\% | 14 | 3\% |
| 23050 | 269 | 230 | 2772 | -389 | -14\% | 74 | 3\% | 3864 | 3351 | 3990 | -513 | -13\% | 126 | 3\% | 4421 | 3851 | 4565 | -57 | -13 | 144 | 3\% |
| 23100 | 2702 | 2312 | 2775 | -390 | -14 | 73 | 3\% | 3869 | 3356 | 399 | -51 | -13 | 126 | 3\% | 4427 | 3858 | 457 | -569 | -13 | 143 | 3\% |
| 23150 | 2705 | 2315 | 78 | -390 | -14\% | 73 | 3\% | 3874 | 3361 | 400 | -514 | -13\% | 126 | 3\% | 4433 | 3865 | 457 | -568 | -13\% | 143 | 3\% |
| 23200 | 2708 | 2318 | 81 | 900 | \% | 73 | 3\% | 3879 | 3366 | 4005 | -514 | -13\% | 126 | 3\% | 4439 | 3871 | 4582 | -568 | -13\% | 143 | 3\% |
| 23250 | 2712 | 2321 | 2785 | -391 | -14\% | 73 | 3\% | 3885 | 3370 | 401 | -5 | -13\% | 126 | 3\% | 4445 | 3878 | 4588 | -567 | -13\% | 143 | 3\% |
| 23300 | 2715 | 2324 | 2788 | -391 | -14 | 73 | 3\% | 3890 | 3375 | 4016 | -515 | -13\% | 126 | 3\% | 4451 | 3885 | 59 | -56 | -13 | 143 | 3\% |
| 23 | 27 | 2326 | 2791 | -392 | -14\% | 73 | 3\% | 3895 | 3380 | 4021 | -515 | -13\% | 12 | 3\% | 4457 | 3891 | 4600 | -566 | -13\% | 143 | 3\% |
| 23400 | 2722 | 2329 | 2795 | -392 | -14\% | 73 | 3\% | 3901 | 3385 | 26 | -515 | -13\% | 12 | 3\% | 4463 | 3898 | 4605 | -565 | -13\% | 14 | 3\% |
| 23450 | 272 | 2332 | 2798 | -393 | -14\% | 73 | 3\% | 3906 | 3390 | 4031 | -516 | -13\% | 125 | 3\% | 4469 | 3905 | 4611 | -564 | -13\% | 14 | 3\% |
| 23500 | 2728 | 2335 | 2801 | -393 | -14\% | 73 | 3\% | 3911 | 3395 | 4036 | -516 | -13\% | 125 | 3\% | 4475 | 3911 | 4617 | -564 | -13\% | 14 | 3\% |
| 23550 | 2732 | 2338 | 2804 | -394 | -14\% | 73 | 3\% | 3916 | 3400 | 4041 | -516 | -13\% | 125 | 3\% | 4481 | 3918 | 4623 | -563 | -13\% | 14 |  |
| 23600 | 2735 | 2341 | 2808 | -394 | -14\% | 73 | 3\% | 3922 | 3405 | 4046 | -517 | -13\% | 12 | 3\% | 4487 | 925 | 4629 | -56 | -13\% | 142 |  |
| 23650 | 273 | 44 | 11 | -395 | -14\% | 72 | 3\% | 3927 | 3410 | 4052 | -517 | -13\% | 12 | 3\% | 4493 | 3931 | 4635 | -562 | -13\% | 14 | 3\% |
| 23700 | 2742 | 2347 | 14 | -395 | -14\% | 72 | 3\% | 3932 | 3415 | 4057 | -517 | -13\% | 124 | 3\% | 4499 | 3938 | 4641 | -56 | -12\% | 14 |  |
| 23750 | 2745 | 2349 | 2817 | -396 | -14 | 72 | 3\% | 3937 | 3420 | 4062 | -517 | -13\% | 12 | 3\% | 4505 | 3945 | 4646 | -56 | -12 | 14 | 3\% |
| 23800 | 2748 | 2352 | 2821 | -396 | -14\% | 72 | 3\% | 3943 | 3425 | 4067 | -518 | -13\% | 124 | 3\% | 4511 | 3951 | 4652 | -560 | -12\% | 14 | 3\% |
| 23850 | 2752 | 2355 | 2824 | -397 | -14\% | 72 | 3\% | 3948 | 3430 | 4072 | -518 | -13\% | 124 | 3\% | 4517 | 3958 | 4658 | -559 | -12\% | 14 | 3\% |
| 23900 | 2755 | 2358 | 2827 | -39 | -14\% | 72 | 3\% | 3953 | 3435 | 4077 | -518 | -13 | 124 | 3\% | 4523 | 3965 | 46 | -559 | -12 | 14 | 3\% |
| 23950 | 2758 | 2361 | 2830 | -397 | -14\% | 72 | 3\% | 3959 | 40 | 4082 | -519 | -13\% | 124 | 3\% | 45 | 3971 | 4670 | -558 | -12\% | 14 |  |
| 24 | 2762 | 2364 | 2834 | -398 | -14\% | 72 | 3\% | 3964 | 3445 | 4087 | -519 | -13\% | 124 | 3\% | 4535 | 3978 | 4676 | -557 | -12\% | 140 |  |
| 24050 | 2765 | 2367 | 837 | -398 | -14\% | 72 | 3\% | 3969 | 3450 | 4093 | -519 | -13\% | 123 | 3\% | 4541 | 3985 | 4681 | -55 | -12\% | 140 |  |
| 24100 | 27 | 2370 | 2840 | -399 | -14\% | 72 | 3\% | 3974 | 3455 | 4098 | -520 | -13\% | 123 | 3\% | 4547 | 3991 | 4687 | -55 | -12\% | 140 |  |
| 24150 | 2772 | 2372 | 2843 | -399 | -14\% | 72 | 3\% | 3980 | 3459 | 4103 | -520 | -13\% | 123 | 3\% | 4553 | 3998 | 4693 | -555 | -12\% | 140 |  |
| 24200 | 2775 | 2375 | 2847 | -400 | -14\% | 71 | 3\% | 3985 | 3464 | 4108 | -520 | -13\% | 123 | 3\% | 4559 | 4005 | 4699 | -555 | -12\% | 140 | 3\% |
| 24250 | 2779 | 2378 | 2850 | -400 | -14\% | 71 | 3\% | 3990 | 3469 | 4113 | -521 | -1 | 123 | 3\% | 4565 | 4011 | 4705 | -554 | -12\% | 14 | 3\% |
| 24300 | 278 | 2381 | 2853 | -40 | -14 | 71 | 3\% | 3995 | 3474 | 4118 | -521 | -13\% | 123 | 3\% | 4571 | 18 | 4711 | -55 | -12\% | 13 | 3\% |
| 24 | 2785 | 384 | 2856 | -401 | -14\% | 71 | 3\% | 4001 | 3479 | 4123 | -521 | -13\% | 123 | 3\% | 45 | 4025 | 4716 | -55 | -12\% | 13 |  |
| 24 | 2789 | 2387 | 60 | -402 | -14\% | 71 | 3\% | 4006 | 3484 | 4128 | -522 | -13\% | 12 | 3\% | 4583 | 4031 | 4722 | -552 | -12\% | 13 |  |
| 24450 | 92 | 90 | 63 | -402 | -14\% | 71 | 3\% | 4011 | 3489 | 4133 | -522 | -13\% | 122 | 3\% | 4589 | 403 | 472 | -55 | -12 | 139 |  |
| 24500 | 2795 | 2393 | 2866 | -403 | -14\% | 71 | 3\% | 4016 | 3494 | 413 | -52 | -13\% | 122 | 3\% | 4595 | 4045 | 4734 | -5 | -12 | 139 |  |
| 24550 | 2799 | 2395 | 2869 | -403 | -1 | 71 | 3\% | 4022 | 3499 | 414 | -5 | -13 | 122 | 3\% | 4601 | 4051 | 4740 | -550 | -12\% | 13 |  |
| 24600 | 28 | 2398 | 2873 | -4 | -14 | 71 | 3\% | 4027 | 3504 | 4149 | -523 | -13 | 122 | 3\% | 460 | 4058 | 4746 | -549 | -12\% | 13 |  |
| 24 | 280 | 2401 | 76 | -40 | -14 | 71 | 3\% | 4032 | 3509 | 4154 | -523 | -13\% | 122 | 3\% | 4613 | 4065 | 4752 |  | -12\% | 38 | 3\% |
| 247 | 280 | 404 | 2879 | -405 | -14 | 70 | 3\% | 40 | 3514 | 4159 | -524 | -13\% | 122 | 3\% | 4619 | 4071 | 4757 | -548 | -12\% | 138 | 3\% |
| 24 | 281 | 2407 | 2882 | -405 | -14 | 70 | 3\% | 4043 | 3519 | 416 | -5 | -13\% | 12 | 3\% | 4625 | 40 | 4763 | -547 | -12 | 13 | 3\% |
| 24 | 15 | 10 | 886 | -405 | -14\% | 70 | 2\% | 4048 | 3524 | 4169 | -524 | -13\% | 121 | 3\% | 4631 | 4085 | 4769 | -547 | -12\% | 138 | 3\% |
| 24850 | 2819 | 13 | 89 | -406 | -14\% | 70 | 2\% | 4053 | 3529 | 4174 | -525 | -13\% | 121 | 3\% | 463 | 4091 | 4775 | -54 | -12\% | 138 |  |
| 2490 | 2822 | 16 | 89 | -406 | -14\% | 70 | 2\% | 4059 | 3534 | 4180 | -525 | -13\% | 121 | 3\% | 464 | 4098 | 4781 | -545 | -12\% | 13 |  |
| 2495 | 2825 | 18 | 2895 | -407 | -14\% | 70 | 2\% | 4064 | 3539 | 4185 | -525 | -13\% | 121 | 3\% | 464 | 4105 | 4787 | -545 | -12\% | 137 |  |
| 25 | 2829 | 421 | 99 | -407 | -14\% | 70 | 2\% | 4069 | 3544 | 4190 | -526 | -13\% | 121 | 3\% | 46 | 11 | 4792 | -544 | -12\% | 137 |  |
| 25050 | 2832 |  | 202 | -408 | -14\% | 70 | 2\% | 4074 | 3548 | 4195 | -526 | -13\% | 12 | 3\% | 466 | 4118 | 4798 | -543 | -12\% | 13 | \% |
| 251 | 2835 | 27 | 05 | -408 | -14\% | 70 | 2\% | 408 | 553 | 4200 | -526 | -13\% | 12 | 3\% | 466 | 412 | 480 | -54 | -12\% | 13 | \% |
| 251 | 283 | 243 | 2908 | -409 | -14\% | 70 | 2\% | 4085 | 3558 | 4205 | -527 | -13\% | 120 | 3\% | 仡 | 131 | 4810 | -54 | -12\% | 13 | 3\% |
| 25 | 2842 | 33 | 2912 | -409 | -14\% | 70 | 2\% | 4090 | 3563 | 4210 | -527 | -13\% | 120 | 3\% | 4679 | 4138 | 4816 | -541 | -12\% | 13 | 3\% |
| 252 | 2845 | 2436 | 2915 | -410 | -14\% | 69 | 2\% | 409 | 3568 | 4215 | -527 | -13\% | 120 | 3\% | 468 | 4145 | 4822 | -541 | -12\% | 136 |  |
| 2530 | 2849 | 2439 | 2918 | -410 | -14\% | 69 | 2\% | 4101 | 3573 | 4221 | -528 | -13\% | 120 | 3\% | 469 | 4151 | 4827 | -540 | -12\% | 136 | 3\% |
| 253 | 2852 | 2442 | 2921 | -411 | -14\% | 69 | 2\% | 410 | 3578 | 4226 | -528 | -13\% | 120 | 3\% | 469 | 4158 | 4833 | -539 | -11\% | 136 | 3\% |
| 25 | 2855 | 2444 | 25 | -411 | -14\% | 69 | 2\% | 4111 | 3583 | 4231 | -528 | -13\% | 120 | 3\% | 47 | 65 | 89 | -539 | -11\% | 136 | 3\% |
| 2545 | 2859 | 24 | 292 | -412 | -14\% | 69 | 2\% | 4117 | 35 | 4236 | -52 | -13\% | 11 | 3\% | 47 | 41 | 4845 | -538 | -11\% | 136 | 3\% |

Side-by-Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \frac{0}{\stackrel{0}{5}} \\ & \frac{1}{x} \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \frac{0}{5} \\ & \frac{1}{x} \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \frac{0}{\stackrel{0}{5}} \\ & \frac{5}{x} \end{aligned}$ |  |  |  |  |  |  |
| 25500 | 286 | 245 | 2931 | -412 | -14\% | 69 | 2\% | 4122 | 3593 | 4241 | -529 | -13\% | 119 | 3\% | 4715 | 417 | 4851 | -537 | -11\% | 136 | 3\% |
| 25550 | 2865 | 2453 | 2934 | 13 | -14\% | 69 | 2\% | 4127 | 3598 | 42 | -529 | -13\% | 119 | 3\% | 4721 | 4185 | 4857 | -537 | -11\% | 135 | 3\% |
| 25600 | 28 | 2456 | 2938 | -41 | -14 | 69 | 2\% | 4132 | 3603 | 42 | -530 | -13\% | 119 | 3\% | 4727 | 4191 | 4863 | -536 | 11\% | 135 | 3\% |
| 25650 | 28 | 2459 | 2941 | 13 | -14\% | 69 | 2\% | 4138 | 3608 | 4256 | -530 | -13\% | 119 | 3\% | 4733 | 4198 | 4868 | -53 | -11\% | 135 | 3\% |
| 25700 | 287 | 246 | 294 | -414 | -14\% | 69 | 2\% | 4143 | 3613 | 4262 | -530 | -13\% | 119 | 3\% | 4739 | 4204 | 487 | -53 | -11\% | 135 | 3\% |
| 25750 | 28 | 24 | 29 | -414 | -14\% | 69 | 2\% | 4148 | 3618 | 4267 | -53 | -13\% | 119 | 3\% | 4745 | 4211 | 4880 | -534 | -11\% | 135 | 3\% |
| 25800 | 28 | 24 | 2951 | -415 | -14\% | 68 | 2\% | 4153 | 3622 | 4272 | -531 | -13\% | 118 | 3\% | 47 | 4218 | 4886 | -534 | -11\% | 135 | 3\% |
| 25850 | 2886 | 2470 | 54 | 15 | -14\% | 68 | 2\% | 4159 | 36 | 4277 | -531 | -13\% | 118 | 3\% | 475 | 4224 | 489 | 53 | -11\% | 134 | 3\% |
| 25900 | 2889 | 2473 | 2957 | -416 | -14\% | 68 | 2\% | 4164 | 3632 | 428 | -532 | -13\% | 118 | 3\% | 4763 | 42 | 489 | -53 | -11\% | 134 | 3\% |
| 25950 | 2892 | 247 | 2960 | -416 | -14 | 68 | 2\% | 4169 | 36 | 4287 | -532 | -13\% | 118 | 3\% | 4769 | 4238 | 490 | 53 | -11 | 134 | 3\% |
| 26 | 289 | 2479 | 29 | -417 | -14\% | 68 | 2\% | 41 | 3642 | 4292 | -532 | -13\% | 118 | 3\% | 477 | 4244 | 490 | -531 | -11\% | 134 | 3\% |
| 26050 | 2899 | 2482 | 296 | -417 | -14\% | 68 | 2\% | 4180 | 3647 | 4297 | -533 | -13\% | 118 | 3\% | 4781 | 4251 | 49 | 53 | -11\% | 134 | 3\% |
| 26100 | 2902 | 2484 | 2970 | -418 | -14\% | 68 | 2\% | 4185 | 3652 | 430 | -533 | -13\% | 118 | 3\% | 478 | 4258 | 4921 | -530 | -11\% | 134 | 3\% |
| 26150 | 2906 | 2487 | 2973 | -418 | -14\% | 68 | 2\% | 4190 | 3657 | 4308 | -533 | -13\% | 117 | 3\% | 479 | 4264 | 4927 | -529 | -11\% | 133 | 3\% |
| 26200 | 2909 | 2490 | 2977 | -419 | -14\% | 68 | 2\% | 4196 | 3662 | 4313 | -534 | -13\% | 117 | 3\% | 4799 | 4271 | 4933 | -529 | -11\% | 133 | 3\% |
| 26250 | 2912 | 2493 | 2980 | -419 | -14\% | 68 | 2\% | 4201 | 3667 | 431 | -534 | -13\% | 117 | 3\% | 4805 | 4277 | 493 | -52 | -11\% | 133 | 3\% |
| 26300 | 291 | 2496 | 2983 | -420 | -14\% | 68 | 2\% | 4206 | 3672 | 4323 | -534 | -13\% | 11 | 3\% | 481 | 4284 | 4944 | -527 | -11\% | 133 | 3\% |
| 26350 | 2919 | 2499 | 2987 | -420 | -14\% | 67 | 2\% | 42 | 3677 | 4328 | -535 | -13\% | 11 | 3\% | 48 | 4291 | 4950 | -527 | -11\% | 133 | 3\% |
| 26400 | 2922 | 2502 | 2990 | -421 | -14\% | 67 | 2\% | 4217 | 3682 | 4333 | -535 | -13\% | 11 | 3\% | 4823 | 429 | 495 | -52 | -11\% | 133 | 3\% |
| 26450 | 2926 | 2505 | 2993 | -421 | -14\% | 67 | 2\% | 4222 | 86 | 338 | -536 | -13\% | 117 | 3\% | 482 | 4304 | 496 | -52 | $11 \%$ | 132 | 3\% |
| 26500 | 29 | 2507 | 2996 | 22 | -14\% | 67 | 2\% | 4227 | 91 | 44 | 536 | -13\% | 116 | 3\% | 4835 | 4311 | 4968 | -52 | -11\% | 132 | 3\% |
| 26550 | 2932 | 2510 | 3000 | -422 | -14\% | 67 | 2\% | 4233 | 3696 | 4349 | -5 | -13 | 116 | 3\% | 4841 | 4317 | 4974 | -52 | -11\% | 132 | 3\% |
| 26600 | 2936 | 2513 | 3003 | -423 | -14\% | 67 | 2\% | 4238 | 3701 | 435 | -537 | -13\% | 116 | 3\% | 4847 | 4324 | 4979 | -524 | -11\% | 132 | 3\% |
| 26650 | 29 | 2516 | 3006 | -423 | -14\% | 67 | 2\% | 4243 | 3706 | 4359 | -537 | -13\% | 116 | 3\% | 48 | 4330 | 4985 | -52 | -11\% | 132 |  |
| 26700 | 294 | 2519 | 3009 | -424 | -14\% | 67 | 2\% | 4248 | 3711 | 4364 | -537 | -13\% | 116 | 3\% | 48 | 4337 | 4991 | -52 | -11\% | 132 | 3\% |
| 26750 | 294 | 2522 | 3013 | -424 | -14\% | 67 | 2\% | 425 | 3716 | 4369 | -538 | -13\% | 116 | 3\% | 48 | 434 | 4997 | -52 | 1\% | 13 | 3\% |
| 26800 | 2949 | 2525 | 3016 | 25 | -14\% | 67 | 2\% | 4259 | 3721 | 4374 | 538 | -13\% | 11 | 3\% | 4872 | 4350 | 5003 | 52 | -11\% | 131 | 3\% |
| 26850 | 2952 | 2527 | 3019 | -425 | -14\% | 67 | 2\% | 4264 | 3726 | 4379 | -538 | -13\% | 115 | 3\% | 4878 | 4357 | 5009 | -520 | -11\% | 131 | 3\% |
| 26900 | 2956 | 2530 | 3022 | -426 | -14\% | 66 | 2\% | 4269 | 3731 | 4385 | -539 | -13\% | 115 | 3\% | 488 | 4364 | 5014 | -520 | -11\% | 131 | 3\% |
| 26950 | 29 | 25 | 3026 | 26 | -14 | 66 | 2\% | 4275 | 3736 | 4390 | -539 | -13\% | 115 | 3\% | 489 | 4370 | 5020 | -519 | -11\% | 131 | 3\% |
| 27000 | 2963 | 253 | 3029 | -426 | -14\% | 66 | 2\% | 4280 | 3741 | 4395 | -539 | -13\% | 115 | 3\% | 489 | 437 | 502 | -519 | -11\% | 131 | \% |
| 27050 | 2966 | 25 | 303 | -427 | -14\% | 66 | 2\% | 4285 | 3746 | 4400 | -540 | -13\% | 115 | 3\% | 490 | 4384 | 503 | -51 | -11\% | 130 |  |
| 27100 | 29 | 25 | 3035 | -427 | -14\% | 66 | 2\% | 4290 | 3750 | 4405 | -540 | -13\% | 115 | 3\% | 49 | 4390 | 503 | -51 | -11\% | 130 | \% |
| 27150 | 29 | 2545 | 39 | 28 | -14 | 66 | 2\% | 4296 | 3755 | 441 | -54 | -13 | 115 | 3\% | 4914 | 4397 | 504 | -51 | -11\% | 130 | 3\% |
| 27200 | 29 | 2547 | 3042 | -428 | -1 | 66 | 2\% | 4301 | 3760 | 44 | -54 | -13 | 114 | 3\% | 4920 | 4403 | 5049 | -51 | -10\% | 130 | 3\% |
| 27250 | 2 | 2550 | 3045 | -429 | -14 | 66 | 2\% | 4306 | 3765 | 4420 | -541 | -13\% | 114 | 3\% | 4926 | 4410 | 5055 | -515 | -10 | 130 | 3\% |
| 27300 | 298 | 2553 | 3048 | -429 | -14\% | 66 | 2\% | 4312 | 3770 | 4426 | -541 | -13\% | 114 | 3\% | 4932 | 17 | 5061 | -515 | -10 | 130 | 3\% |
| 27350 | 2986 | 2556 | 3052 | -430 | -14\% | 66 | 2\% | 4317 | 3775 | 4431 | -542 | -13\% | 114 | 3\% | 49 | 4423 | 5067 | -51 | -10\% | 129 | \% |
| 27400 | 298 | 255 | 3055 | -430 | -14\% | 66 | 2\% | 432 | 3780 | 4436 | -542 | -13\% | 114 | 3\% | 49 | 443 | 5073 | -51 | -10\% | 129 | 3\% |
| 27450 | 2993 | 2562 | 3058 | -431 | -14\% | 65 | 2\% | 227 | 3785 | 441 | -542 | -13\% | 114 | 3\% | 49 | 443 | 507 | 51 | -10 | 129 | 3\% |
| 27500 | 2996 | 2565 | 3061 | -431 | -14\% | 65 | 2\% | 4333 | 3790 | 4446 | -543 | -13\% | 113 | 3\% | 495 | 4443 | 5085 | -512 | -10\% | 129 | 3\% |
| 2755 | 2999 | 2568 | 3065 | -432 | -14\% | 65 | 2\% | 4338 | 3795 | 4451 | -543 | -13\% | 113 | 3\% | 496 | 445 | 5090 | -51 | -10\% | 12 | 3\% |
| 2760 | 3003 | 2570 | 3068 | -432 | -14\% | 65 | 2\% | 4343 | 3800 | 4456 | -544 | -13\% | 113 | 3\% | 496 | 4457 | 5096 | -511 | -10\% | 129 | 3\% |
| 27 | 3006 | 2573 | 3071 | -433 | -14\% | 65 | 2\% | 4348 | 3805 | 4461 | -544 | -13\% | 113 | 3\% | 497 | 4463 | 5102 | -510 | -10\% | 128 | 3\% |
| 2700 | 3009 | 2576 | 3074 | -433 | -14\% | 65 | 2\% | 4354 | 3809 | 4467 | -544 | -13\% | 113 | 3\% | 498 | 4470 | 5108 | -510 | -10\% | 128 | 3\% |
| 27750 | 3013 | 2579 | 3078 | -434 | -14\% | 65 | 2\% | 4359 | 3814 | 472 | -545 | -12\% | 113 | 3\% | 49 | 447 | 511 | -50 | -10\% | 128 | \% |
| 27800 | 301 | 258 | 3081 | -434 | -14\% | 65 | 2\% | 4364 | 3819 | 4477 | -545 | -12\% | 113 | 3\% | 4992 | 4483 | 5120 | -50 | -10\% | 128 | 3\% |
| 27850 | 30 | 2585 | 308 | -435 | -14\% | 65 | 2\% | 4369 | 3824 | 4482 | -545 | -12\% | 112 | 3\% | 49 | 4490 | 5125 | -50 | -10\% | 12 | 3\% |
| 27900 | 3023 | 2588 | 3087 | -435 | -14\% | 65 | 2\% | 4375 | 3829 | 448 | -546 | -12\% | 112 | 3\% | 50 | 4496 | 5131 | -50 | -10 | 12 | 3\% |
| 27950 | 3026 | 2590 | 3091 | -436 | -14\% | 65 | 2\% | 4380 | 3834 | 4492 | -546 | -12\% | 112 | 3\% | 501 | 4503 | 5137 | -507 | -10\% | 127 | 3\% |
| 2800 | 3029 | 2593 | 3094 | -436 | -14\% | 64 | 2\% | 4385 | 3839 | 4497 | -546 | -12\% | 112 | 3\% | 5016 | 4510 | 5143 | -506 | -10\% | 12 | 3\% |
| 28050 | 3033 | 2596 | 3097 | -437 | -14\% | 64 | 2\% | 4391 | 3844 | 4502 | -547 | -12\% | 112 | 3\% | 5022 | 4516 | 5149 | -505 | -10\% | 127 | 3\% |
| 28100 | 3036 | 2599 | 3100 | -437 | -14\% |  | 2\% | 4396 | 3849 | 4508 | -547 | -12\% | 112 | 3\% | 5028 | 4523 | 5155 | -505 | -10\% | 127 | 3\% |
| 28150 | 3039 | 2602 | 3104 | -438 | -14\% | 64 | 2\% | 4401 | 3854 | 4513 | -547 | -12\% | 112 | 3\% | 5034 | 4530 | 5160 | -504 | -10\% | 127 | 3\% |

Side-by-Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  | $\overline{0}$ $\stackrel{0}{0}$ 0 0 0 0 0 0 0 0 $u$ |  |  |  |  |  |  |  |  |
| 28200 | 3043 | 2605 | 3107 | -438 | -14\% | 64 | 2\% | 4406 | 3858 | 4518 | -548 | -12\% | 111 | 3\% | 5040 | 4535 | 5166 | -504 | -10\% | 127 | 3\% |
| 28250 | 3046 | 2608 | 3110 | -438 | -14\% | 64 | 2\% | 4412 | 3863 | 4523 | -549 | -12\% | 111 | 3\% | 5046 | 4540 | 5172 | -506 | -10\% | 126 | 3\% |
| 28300 | 3050 | 2611 | 3113 | -439 | -14\% | 64 | 2\% | 4417 | 3867 | 4528 | -550 | -12\% | 111 | 3\% | 5052 | 4545 | 5178 | -507 | -10\% | 126 | 3\% |
| 28350 | 3053 | 2614 | 3117 | -439 | -14\% | 64 | 2\% | 4422 | 3871 | 4533 | -551 | -12\% | 111 | 3\% | 5058 | 4550 | 5184 | -508 | -10\% | 126 | 2\% |
| 28400 | 3056 | 2617 | 3120 | -440 | -14\% | 64 | 2\% | 4427 | 3875 | 4538 | -552 | -12\% | 111 | 3\% | 5064 | 4555 | 5190 | -509 | -10\% | 126 | 2\% |
| 28450 | 3060 | 2620 | 3123 | -440 | -14\% | 64 | 2\% | 4433 | 3880 | 4543 | -553 | -12\% | 111 | 2\% | 5070 | 4559 | 5196 | -510 | -10\% | 126 | 2\% |
| 28500 | 3063 | 2623 | 3126 | -440 | -14\% | 64 | 2\% | 4438 | 3884 | 4549 | -554 | -12\% | 111 | 2\% | 5076 | 4564 | 5201 | -512 | -10\% | 126 | 2\% |
| 28550 | 3066 | 2626 | 3130 | -441 | -14\% | 63 | 2\% | 4443 | 3888 | 4554 | -555 | -12\% | 110 | 2\% | 5082 | 4569 | 5207 | -513 | -10\% | 125 | 2\% |
| 28600 | 3070 | 2629 | 3133 | -441 | -14\% | 63 | 2\% | 4449 | 3892 | 4559 | -556 | -13\% | 110 | 2\% | 5088 | 4574 | 5213 | -514 | -10\% | 125 | 2\% |
| 28650 | 3073 | 2632 | 3136 | -441 | -14\% | 63 | 2\% | 4454 | 3897 | 4564 | -557 | -13\% | 110 | 2\% | 5094 | 4579 | 5219 | -515 | -10\% | 125 | 2\% |
| 28700 | 3076 | 2635 | 3139 | -442 | -14\% | 63 | 2\% | 4459 | 3901 | 4569 | -558 | -13\% | 110 | 2\% | 5100 | 4583 | 5225 | -516 | -10\% | 125 | 2\% |
| 28750 | 3080 | 2638 | 3143 | -442 | -14\% | 63 | 2\% | 4464 | 3905 | 4574 | -559 | -13\% | 110 | 2\% | 5106 | 4588 | 5231 | -518 | -10\% | 125 | 2\% |
| 28800 | 3083 | 2640 | 3146 | -442 | -14\% | 63 | 2\% | 4470 | 3909 | 4579 | -560 | -13\% | 110 | 2\% | 5112 | 4593 | 5236 | -519 | -10\% | 125 | 2\% |
| 28850 | 886 | 2643 | 3149 | -443 | -14\% | 63 | 2\% | 4475 | 3914 | 4584 | -561 | -13\% | 110 | 2\% | 5118 | 4598 | 5242 | -520 | -10\% | 124 | 2\% |
| 28900 | 3090 | 2646 | 3152 | -443 | -14\% | 63 | 2\% | 4480 | 3918 | 4590 | -562 | -13\% | 109 | 2\% | 5124 | 4603 | 5248 | -521 | -10\% | 124 | 2\% |
| 28950 | 3093 | 2649 | 3156 | -444 | -14\% | 63 | 2\% | 4485 | 3922 | 4595 | -563 | -13\% | 109 | 2\% | 5130 | 4607 | 5254 | -522 | -10\% | 124 | 2\% |
| 29000 | 3096 | 2652 | 3159 | -444 | -14\% | 63 | 2\% | 4491 | 3926 | 4600 | -564 | -13\% | 109 | 2\% | 5136 | 4612 | 5260 | -524 | -10\% | 124 | 2\% |
| 29050 | 3100 | 2655 | 3162 | -444 | -14\% | 63 | 2\% | 4496 | 3931 | 4605 | -565 | -13\% | 109 | 2\% | 5142 | 4617 | 5266 | -525 | -10\% | 124 | 2\% |
| 29100 | 3103 | 2658 | 3165 | -445 | -14\% | 62 | 2\% | 4501 | 3935 | 4610 | -566 | -13\% | 109 | 2\% | 5148 | 4622 | 5271 | -526 | -10\% | 124 | 2\% |
| 29150 | 3106 | 2661 | 3169 | -445 | -14\% | 62 | 2\% | 4506 | 3939 | 4615 | -567 | -13\% | 109 | 2\% | 5154 | 4627 | 5277 | -527 | -10\% | 124 | 2\% |
| 29200 | 3110 | 2664 | 3172 | -445 | -14\% | 62 | 2\% | 4512 | 3943 | 4620 | -568 | -13\% | 109 | 2\% | 5160 | 4632 | 5283 | -528 | -10\% | 123 | 2\% |
| 29250 | 3113 | 2667 | 3175 | -446 | -14\% | 62 | 2\% | 4517 | 3948 | 4625 | -569 | -13\% | 108 | 2\% | 5166 | 4636 | 5289 | -530 | -10\% | 123 | 2\% |
| 29300 | 3116 | 2670 | 3179 | -446 | -14\% | 62 | 2\% | 4522 | 3952 | 4631 | -570 | -13\% | 108 | 2\% | 5172 | 4641 | 5295 | -531 | -10\% | 123 | 2\% |
| 29350 | 3120 | 2673 | 3182 | -447 | -14\% | 62 | 2\% | 4528 | 3956 | 4636 | -571 | -13\% | 108 | 2\% | 5178 | 4646 | 5301 | -532 | -10\% | 123 | 2\% |
| 29400 | 3123 | 2676 | 3185 | -447 | -14\% | 62 | 2\% | 4533 | 3960 | 4641 | -572 | -13\% | 108 | 2\% | 5184 | 4651 | 5307 | -533 | -10\% | 123 | 2\% |
| 29450 | 3126 | 2679 | 3188 | -447 | -14\% | 62 | 2\% | 4538 | 3965 | 4646 | -573 | -13\% | 108 | 2\% | 5190 | 4656 | 5312 | -534 | -10\% | 123 | 2\% |
| 29500 | 3130 | 2682 | 3192 | -448 | -14\% | 62 | 2\% | 4543 | 3969 | 4651 | -575 | -13\% | 108 | 2\% | 5196 | 4660 | 5318 | -536 | -10\% | 122 | 2\% |
| 29550 | 3133 | 2685 | 3195 | -448 | -14\% | 62 | 2\% | 4549 | 3973 | 4656 | -576 | -13\% | 108 | 2\% | 5202 | 4665 | 5324 | -537 | -10\% | 122 | 2\% |
| 29600 | 3137 | 2688 | 3198 | -448 | -14\% | 62 | 2\% | 4554 | 3977 | 4661 | -577 | -13\% | 107 | 2\% | 5208 | 4670 | 5330 | -538 | -10\% | 122 | 2\% |
| 29650 | 3140 | 2691 | 3201 | -449 | -14\% | 61 | 2\% | 4559 | 3982 | 4666 | -578 | -13\% | 107 | 2\% | 5214 | 4675 | 5336 | -539 | -10\% | 122 | 2\% |
| 29700 | 3143 | 2694 | 3205 | -449 | -14\% | 61 | 2\% | 4564 | 3986 | 4672 | -579 | -13\% | 107 | 2\% | 5220 | 4680 | 5342 | -540 | -10\% | 122 | 2\% |
| 29750 | 3147 | 2697 | 3208 | -450 | -14\% | 61 | 2\% | 4570 | 3990 | 4677 | -580 | -13\% | 107 | 2\% | 5226 | 4684 | 5347 | -542 | -10\% | 122 | 2\% |
| 29800 | 3150 | 2700 | 3211 | -450 | -14\% | 61 | 2\% | 4575 | 3994 | 4682 | -581 | -13\% | 107 | 2\% | 5232 | 4689 | 5353 | -543 | -10\% | 121 | 2\% |
| 29850 | 3153 | 2703 | 3214 | -450 | -14\% | 61 | 2\% | 4580 | 3999 | 4687 | -582 | -13\% | 107 | 2\% | 5238 | 4694 | 5359 | -544 | -10\% | 121 | 2\% |
| 29900 | 3157 | 2706 | 3218 | -451 | -14\% | 61 | 2\% | 4586 | 4003 | 4692 | -583 | -13\% | 107 | 2\% | 5244 | 4699 | 5365 | -545 | -10\% | 121 | 2\% |
| 29950 | 3160 | 2709 | 3221 | -451 | -14\% | 61 | 2\% | 4591 | 4007 | 4697 | -584 | -13\% | 106 | 2\% | 5250 | 4704 | 5371 | -546 | -10\% | 121 | 2\% |
| 30000 | 3163 | 2712 | 3224 | -451 | -14\% | 61 | 2\% | 4596 | 4011 | 4702 | -585 | -13\% | 106 | 2\% | 5256 | 4708 | 5377 | -548 | -10\% | 121 | 2\% |
| 30050 |  | 2715 |  |  |  |  |  |  | 4016 |  |  |  |  |  |  | 4713 |  |  |  |  |  |
| 30100 |  | 2718 |  |  |  |  |  |  | 4020 |  |  |  |  |  |  | 4718 |  |  |  |  |  |
| 30150 |  | 2721 |  |  |  |  |  |  | 4024 |  |  |  |  |  |  | 4723 |  |  |  |  |  |
| 30200 |  | 2724 |  |  |  |  |  |  | 4028 |  |  |  |  |  |  | 4728 |  |  |  |  |  |
| 30250 |  | 2727 |  |  |  |  |  |  | 4033 |  |  |  |  |  |  | 4732 |  |  |  |  |  |
| 30300 |  | 2730 |  |  |  |  |  |  | 4037 |  |  |  |  |  |  | 4737 |  |  |  |  |  |
| 30350 |  | 2733 |  |  |  |  |  |  | 4041 |  |  |  |  |  |  | 4742 |  |  |  |  |  |
| 30400 |  | 2736 |  |  |  |  |  |  | 4045 |  |  |  |  |  |  | 4747 |  |  |  |  |  |
| 30450 |  | 2739 |  |  |  |  |  |  | 4050 |  |  |  |  |  |  | 4752 |  |  |  |  |  |
| 30500 |  | 2742 |  |  |  |  |  |  | 4054 |  |  |  |  |  |  | 4756 |  |  |  |  |  |
| 30550 |  | 2745 |  |  |  |  |  |  | 4058 |  |  |  |  |  |  | 4761 |  |  |  |  |  |
| 30600 |  | 2747 |  |  |  |  |  |  | 4062 |  |  |  |  |  |  | 4766 |  |  |  |  |  |
| 30650 |  | 2750 |  |  |  |  |  |  | 4067 |  |  |  |  |  |  | 4771 |  |  |  |  |  |
| 30700 |  | 2753 |  |  |  |  |  |  | 4071 |  |  |  |  |  |  | 4776 |  |  |  |  |  |
| 30750 |  | 2756 |  |  |  |  |  |  | 4075 |  |  |  |  |  |  | 4781 |  |  |  |  |  |
| 30800 |  | 2759 |  |  |  |  |  |  | 4079 |  |  |  |  |  |  | 4785 |  |  |  |  |  |
| 30850 |  | 2762 |  |  |  |  |  |  | 4084 |  |  |  |  |  |  | 4790 |  |  |  |  |  |

Side-by-Side Comparisons


Side-by-Side of 1-3 Children Page 12/15

Side-by-Side Comparisons


Side-by-Side of 1-3 Children Page 13/15

Side-by-Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \stackrel{\infty}{\leftrightarrows} \\ & \stackrel{H}{x} \\ & \stackrel{n}{x} \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  | (я әұерdп) әяцечว \$ |  |  | $\begin{aligned} & \text { n} \\ & \stackrel{n}{\infty} \\ & \stackrel{\pi}{4} \\ & \stackrel{0}{0} \\ & \frac{0}{0} \\ & 0 \end{aligned}$ |  | ( $\forall$ әұерdก) әรиечว \$ |  |  |  |
| 36300 |  | 3086 |  |  |  |  |  |  | 4547 |  |  |  |  |  |  | 5314 |  |  |  |  |  |
| 36350 |  | 3089 |  |  |  |  |  |  | 4551 |  |  |  |  |  |  | 5319 |  |  |  |  |  |
| 36400 |  | 3092 |  |  |  |  |  |  | 4555 |  |  |  |  |  |  | 5324 |  |  |  |  |  |
| 36450 |  | 3095 |  |  |  |  |  |  | 4560 |  |  |  |  |  |  | 5329 |  |  |  |  |  |
| 36500 |  | 3098 |  |  |  |  |  |  | 4564 |  |  |  |  |  |  | 5333 |  |  |  |  |  |
| 36550 |  | 3101 |  |  |  |  |  |  | 4568 |  |  |  |  |  |  | 5338 |  |  |  |  |  |
| 36600 |  | 3104 |  |  |  |  |  |  | 4572 |  |  |  |  |  |  | 5343 |  |  |  |  |  |
| 36650 |  | 3107 |  |  |  |  |  |  | 4577 |  |  |  |  |  |  | 5348 |  |  |  |  |  |
| 36700 |  | 3110 |  |  |  |  |  |  | 4581 |  |  |  |  |  |  | 5353 |  |  |  |  |  |
| 36750 |  | 3113 |  |  |  |  |  |  | 4585 |  |  |  |  |  |  | 5357 |  |  |  |  |  |
| 36800 |  | 3116 |  |  |  |  |  |  | 4589 |  |  |  |  |  |  | 5362 |  |  |  |  |  |
| 36850 |  | 3119 |  |  |  |  |  |  | 4594 |  |  |  |  |  |  | 5367 |  |  |  |  |  |
| 36900 |  | 3122 |  |  |  |  |  |  | 4598 |  |  |  |  |  |  | 5372 |  |  |  |  |  |
| 36950 |  | 3125 |  |  |  |  |  |  | 4602 |  |  |  |  |  |  | 5377 |  |  |  |  |  |
| 37000 |  | 3128 |  |  |  |  |  |  | 4606 |  |  |  |  |  |  | 5381 |  |  |  |  |  |
| 37050 |  | 3131 |  |  |  |  |  |  | 4611 |  |  |  |  |  |  | 5386 |  |  |  |  |  |
| 37100 |  | 3134 |  |  |  |  |  |  | 4615 |  |  |  |  |  |  | 5391 |  |  |  |  |  |
| 37150 |  | 3137 |  |  |  |  |  |  | 4619 |  |  |  |  |  |  | 5396 |  |  |  |  |  |
| 37200 |  | 3140 |  |  |  |  |  |  | 4623 |  |  |  |  |  |  | 5401 |  |  |  |  |  |
| 37250 |  | 3143 |  |  |  |  |  |  | 4628 |  |  |  |  |  |  | 5405 |  |  |  |  |  |
| 37300 |  | 3146 |  |  |  |  |  |  | 4632 |  |  |  |  |  |  | 5410 |  |  |  |  |  |
| 37350 |  | 3149 |  |  |  |  |  |  | 4636 |  |  |  |  |  |  | 5415 |  |  |  |  |  |
| 37400 |  | 3152 |  |  |  |  |  |  | 4640 |  |  |  |  |  |  | 5420 |  |  |  |  |  |
| 37450 |  | 3155 |  |  |  |  |  |  | 4645 |  |  |  |  |  |  | 5425 |  |  |  |  |  |
| 37500 |  | 3158 |  |  |  |  |  |  | 4649 |  |  |  |  |  |  | 5429 |  |  |  |  |  |
| 37550 |  | 3161 |  |  |  |  |  |  | 4653 |  |  |  |  |  |  | 5434 |  |  |  |  |  |
| 37600 |  | 3164 |  |  |  |  |  |  | 4657 |  |  |  |  |  |  | 5439 |  |  |  |  |  |
| 37650 |  | 3167 |  |  |  |  |  |  | 4662 |  |  |  |  |  |  | 5444 |  |  |  |  |  |
| 37700 |  | 3170 |  |  |  |  |  |  | 4666 |  |  |  |  |  |  | 5449 |  |  |  |  |  |
| 37750 |  | 3173 |  |  |  |  |  |  | 4670 |  |  |  |  |  |  | 5454 |  |  |  |  |  |
| 37800 |  | 3176 |  |  |  |  |  |  | 4674 |  |  |  |  |  |  | 5458 |  |  |  |  |  |
| 37850 |  | 3179 |  |  |  |  |  |  | 4679 |  |  |  |  |  |  | 5463 |  |  |  |  |  |
| 37900 |  | 3181 |  |  |  |  |  |  | 4683 |  |  |  |  |  |  | 5468 |  |  |  |  |  |
| 37950 |  | 3184 |  |  |  |  |  |  | 4687 |  |  |  |  |  |  | 5473 |  |  |  |  |  |
| 38000 |  | 3187 |  |  |  |  |  |  | 4691 |  |  |  |  |  |  | 5478 |  |  |  |  |  |
| 38050 |  | 3190 |  |  |  |  |  |  | 4696 |  |  |  |  |  |  | 5482 |  |  |  |  |  |
| 38100 |  | 3193 |  |  |  |  |  |  | 4700 |  |  |  |  |  |  | 5487 |  |  |  |  |  |
| 38150 |  | 3196 |  |  |  |  |  |  | 4704 |  |  |  |  |  |  | 5492 |  |  |  |  |  |
| 38200 |  | 3199 |  |  |  |  |  |  | 4708 |  |  |  |  |  |  | 5497 |  |  |  |  |  |
| 38250 |  | 3202 |  |  |  |  |  |  | 4713 |  |  |  |  |  |  | 5502 |  |  |  |  |  |
| 38300 |  | 3205 |  |  |  |  |  |  | 4717 |  |  |  |  |  |  | 5506 |  |  |  |  |  |
| 38350 |  | 3208 |  |  |  |  |  |  | 4721 |  |  |  |  |  |  | 5511 |  |  |  |  |  |
| 38400 |  | 3211 |  |  |  |  |  |  | 4725 |  |  |  |  |  |  | 5516 |  |  |  |  |  |
| 38450 |  | 3214 |  |  |  |  |  |  | 4730 |  |  |  |  |  |  | 5521 |  |  |  |  |  |
| 38500 |  | 3217 |  |  |  |  |  |  | 4734 |  |  |  |  |  |  | 5526 |  |  |  |  |  |
| 38550 |  | 3220 |  |  |  |  |  |  | 4738 |  |  |  |  |  |  | 5530 |  |  |  |  |  |
| 38600 |  | 3223 |  |  |  |  |  |  | 4742 |  |  |  |  |  |  | 5535 |  |  |  |  |  |
| 38650 |  | 3226 |  |  |  |  |  |  | 4747 |  |  |  |  |  |  | 5540 |  |  |  |  |  |
| 38700 |  | 3229 |  |  |  |  |  |  | 4751 |  |  |  |  |  |  | 5545 |  |  |  |  |  |
| 38750 |  | 3232 |  |  |  |  |  |  | 4755 |  |  |  |  |  |  | 5550 |  |  |  |  |  |
| 38800 |  | 3235 |  |  |  |  |  |  | 4759 |  |  |  |  |  |  | 5554 |  |  |  |  |  |
| 38850 |  | 3238 |  |  |  |  |  |  | 4764 |  |  |  |  |  |  | 5559 |  |  |  |  |  |
| 38900 |  | 3241 |  |  |  |  |  |  | 4768 |  |  |  |  |  |  | 5564 |  |  |  |  |  |
| 38950 |  | 3244 |  |  |  |  |  |  | 4772 |  |  |  |  |  |  | 5569 |  |  |  |  |  |

Side-by-Side of 1-3 Children Page 14/15

Side-by-Side Comparisons

|  | 1 Child |  |  |  |  |  |  | 2 Children |  |  |  |  |  |  | 3 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\stackrel{\stackrel{0}{\leftrightarrows}}{\stackrel{\rightharpoonup}{\overleftarrow{H}}}$ |  |  |  |  |  | (я әғерdn) әвиечЈ \% | $\begin{aligned} & \stackrel{\infty}{\hbar} \\ & \stackrel{\hbar}{\overleftarrow{\omega}} \end{aligned}$ |  | $\pi$ 0 $n$ 0 n 0 0 0 0 0 0 0 0 |  |  | (я әłepdก) ə8̊иечว \$ | (я әłерdп) әвиечว \% |  |  |  |  |  |  |  |
| 39000 |  | 3247 |  |  |  |  |  |  | 4776 |  |  |  |  |  |  | 5574 |  |  |  |  |  |
| 39050 |  | 3250 |  |  |  |  |  |  | 4781 |  |  |  |  |  |  | 5579 |  |  |  |  |  |
| 39100 |  | 3253 |  |  |  |  |  |  | 4785 |  |  |  |  |  |  | 5583 |  |  |  |  |  |
| 39150 |  | 3256 |  |  |  |  |  |  | 4789 |  |  |  |  |  |  | 5588 |  |  |  |  |  |
| 39200 |  | 3259 |  |  |  |  |  |  | 4793 |  |  |  |  |  |  | 5593 |  |  |  |  |  |
| 39250 |  | 3262 |  |  |  |  |  |  | 4798 |  |  |  |  |  |  | 5598 |  |  |  |  |  |
| 39300 |  | 3265 |  |  |  |  |  |  | 4802 |  |  |  |  |  |  | 5603 |  |  |  |  |  |
| 39350 |  | 3268 |  |  |  |  |  |  | 4806 |  |  |  |  |  |  | 5607 |  |  |  |  |  |
| 39400 |  | 3271 |  |  |  |  |  |  | 4810 |  |  |  |  |  |  | 5612 |  |  |  |  |  |
| 39450 |  | 3274 |  |  |  |  |  |  | 4815 |  |  |  |  |  |  | 5617 |  |  |  |  |  |
| 39500 |  | 3277 |  |  |  |  |  |  | 4819 |  |  |  |  |  |  | 5622 |  |  |  |  |  |
| 39550 |  | 3280 |  |  |  |  |  |  | 4823 |  |  |  |  |  |  | 5627 |  |  |  |  |  |
| 39600 |  | 3283 |  |  |  |  |  |  | 4827 |  |  |  |  |  |  | 5631 |  |  |  |  |  |
| 39650 |  | 3286 |  |  |  |  |  |  | 4832 |  |  |  |  |  |  | 5636 |  |  |  |  |  |
| 39700 |  | 3289 |  |  |  |  |  |  | 4836 |  |  |  |  |  |  | 5641 |  |  |  |  |  |
| 39750 |  | 3291 |  |  |  |  |  |  | 4840 |  |  |  |  |  |  | 5646 |  |  |  |  |  |
| 39800 |  | 3294 |  |  |  |  |  |  | 4844 |  |  |  |  |  |  | 5651 |  |  |  |  |  |
| 39850 |  | 3297 |  |  |  |  |  |  | 4849 |  |  |  |  |  |  | 5655 |  |  |  |  |  |
| 39900 |  | 3300 |  |  |  |  |  |  | 4853 |  |  |  |  |  |  | 5660 |  |  |  |  |  |
| 39950 |  | 3303 |  |  |  |  |  |  | 4857 |  |  |  |  |  |  | 5665 |  |  |  |  |  |
| 40000 |  | 3306 |  |  |  |  |  |  | 4861 |  |  |  |  |  |  | 5670 |  |  |  |  |  |


| Above SSR |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Average Change | -253 | $-10.2 \%$ | 41 | $2 \%$ |
| Median Change | -383 | $-14 \%$ | 62 | $2 \%$ |
| Minimum Change | -451 | $-19 \%$ | 0 | $0 \%$ |
| Maximum Change | 36 | $3 \%$ | 88 | $4 \%$ |


| -281 | $-7.0 \%$ | 107 | $4 \%$ |
| ---: | ---: | ---: | ---: |
| -449 | $-13 \%$ | 119 | $4 \%$ |
| -585 | $-16 \%$ | 20 | $2 \%$ |
|  | $2 \%$ | -470 | $-10 \%$ |
| 125 | $8 \%$ | 149 | $8 \%$ |

Side－by－Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { 은 } \\ & \text { 旁 } \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \text { 咢 } \\ & \text { 菏 } \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \text { 咢 } \\ & \text { 妾 } \end{aligned}$ |  |  |  |  |  |  |
| 1200 | 58 | 58 | 58 | 0 | 0\％ |  | 0\％ | 59 | 59 | 59 | 0 | 0\％ | 0 | 0\％ | 60 | 60 | 60 | 0 | 0\％ |  | 0\％ |
| 1250 | 82 | 58 | 58 | －24 | －29\％ | 24 | －29\％ | 83 | 59 | 59 | －24 | －29\％ | 24 | －29\％ | 84 | 60 | 60 | －24 | －29\％ | 24 | －29\％ |
| 1300 | 121 | 58 | 58 | －63 | －52\％ | －63 | －52\％ | 122 | 59 | 59 | －63 | －52\％ | －63 | －52\％ | 124 | 60 | 60 | －64 | －52\％ | －64 | －52\％ |
| 1350 | 160 | 81 | 81 | －79 | －49\％ | －79 | －49\％ | 162 | 82 | 82 | －80 | －49\％ | 80 | －49\％ | 164 | 83 | 83 | －81 | 9\％ | －81 | －49\％ |
| 1400 | 199 | 120 | 120 | －79 | －40\％ | －79 | －40\％ | 201 | 122 | 122 | －80 | －40\％ | 80 | －40\％ | 204 | 123 | 123 | －81 | 0\％ | －81 | －40\％ |
| 1450 | 238 | 159 | 159 | －79 | －33\％ | －79 | －33\％ | 241 | 161 | 161 | －80 | 3\％ | －80 | －33\％ | 244 | 163 | 163 | －81 | 3\％ | 81 | －33\％ |
| 150 | 277 | 198 | 198 | －79 | －28\％ | －79 | －28\％ | 280 | 201 | 201 | －80 | －28\％ | －80 | －28\％ | 284 | 203 | 203 | －81 | －28\％ | 81 | －28\％ |
| 15 | 316 | 237 | 237 | 79 | －25 | －79 | －2 | 320 | 240 | 240 | －80 | －25\％ | 80 | －25 | 324 | 243 | 43 | －81 | －25\％ | －81 | －25\％ |
| 160 | 355 | 276 | 276 | －79 | －22\％ | －79 | －22 | 359 | 280 | 280 | －80 | －22\％ | －80 | －22 | 364 | 283 | 283 | －81 | －22\％ | －81 | －22\％ |
| 1650 | 394 | 315 | 315 | －79 | －20\％ | －79 | －20\％ | 399 | 319 | 319 | －80 | －20\％ | －80 | －20 | 404 | 323 | 323 | －81 | －20\％ | －81 | －20\％ |
| 170 | 433 | 354 | 354 | －79 | －18\％ | －79 | －18\％ | 438 | 359 | 359 | －80 | －18\％ | －80 | －18\％ | 444 | 363 | 363 | －81 | －18\％ | －81 | 18\％ |
| 17 | 47 | 393 | 393 | －79 | －17\％ | －79 | －17\％ | 478 | 398 | 98 | －80 | －17\％ | －80 | －17\％ | 484 | 403 | 403 | －81 | －17\％ | －81 | －17\％ |
| 1800 | 511 | 432 | 432 | －79 | －15\％ | －79 | －15\％ | 517 | 438 | 438 | －80 | －15\％ | －80 | －15\％ | 524 | 443 | 443 | －81 | －15 | －81 | －15\％ |
| 1850 | 55 | 471 | 471 | －79 | －14\％ | －79 | －14\％ | 557 | 477 | 477 | －80 | －14\％ | －80 | －14\％ | 564 | 483 | 483 | －81 | －14\％ | －81 | －14\％ |
| 1900 | 58 | 510 | 510 | 79 | －13\％ | －79 | －13 | 596 | 517 | 517 | －80 | －13\％ | －80 | －13\％ | 60 | 523 | 523 | －81 | －13\％ | －81 | －13 |
| 1950 | 628 | 9 | 549 | 79 | －13\％ | －79 | －13 | 636 | 556 | 556 | －80 | －13\％ | －80 | －13\％ | 644 | 563 | 563 | －81 | －13\％ | 81 | －13\％ |
| 2000 | 667 | 588 | 588 | 79 | －12\％ | －79 | －12 | 675 | 596 | 596 | －80 | －12\％ | －80 | －12\％ | 68 | 603 | 603 | －81 | －12\％ | －81 | －12\％ |
| 2050 | 706 | 627 | 627 | 79 | －11\％ | 79 | －11\％ | 715 | 635 | 35 | －80 | －11\％ | －80 | －11\％ | 72 | 643 | 643 | －81 | －11\％ | 81 | －11\％ |
| 2100 | 745 | 6 | 666 | 79 | －11\％ | －79 | －1 | 754 | 675 | 675 | －80 | －11\％ | －80 | －11\％ | 76 | 683 | 683 | －81 | －11\％ | 81 | －11\％ |
| 2150 | 784 | 705 | 705 | －79 | －10\％ | －79 | －10 | 794 | 714 | 714 | －80 | －10\％ | －80 | －10\％ | 80 | 723 | 723 | －81 | －10\％ | 81 | －10 |
| 220 | 823 | 744 | 744 | －79 | －10\％ | －79 | －10\％ | 833 | 754 | 754 | －80 | －10\％ | －80 | －10 | 84 | 763 | 763 | －81 | －10\％ | －81 | －10\％ |
| 225 | 862 | 783 | 783 | －79 | －9\％ | －79 | －9\％ | 873 | 793 | 793 | －80 | －9\％ | －80 | －9\％ | 88 | 803 | 803 | －81 | －9\％ | －81 | －9\％ |
| 23 | 901 | 822 | 822 | －79 | －9\％ | －79 | －9\％ | 912 | 833 | 833 | －80 | －9\％ | －80 | －9\％ | 92 | 843 | 843 | －81 | －9\％ | －81 | －9\％ |
| 2350 | 923 | 861 | 861 | －61 | －7\％ | －61 | －7\％ | 952 | 872 | 872 | －80 | －8\％ | －80 | －8\％ | 964 | 883 | 883 | －81 | －8\％ | －81 | －8\％ |
| 2400 | 941 | 0 | 900 | －40 | －4\％ | －40 | －4\％ | 991 | 912 | 912 | －80 | －8\％ | －80 | －8\％ | 100 | 23 | 92 | －81 | －8\％ | －81 | －8\％ |
| 2450 | 958 | 939 | 939 | －19 | －2\％ | －19 | －2\％ | 1031 | 951 | 951 | －80 | －8\％ | －80 | －8\％ | 1044 | 963 | 96 | －81 | －8\％ | －8 | －8\％ |
| 2500 | 976 | 8 | 978 | 2 | 0\％ | 2 | 0\％ | 1070 | 991 | 991 | －80 | －7\％ | －80 | －7\％ | 1084 | 1003 | 1003 | －81 | －7\％ | －81 | －7\％ |
| 2550 | 994 | 1017 | 1017 | 23 | 2\％ | 23 | 2\％ | 1094 | 1030 | 1030 | －63 | －6\％ | －63 | －6\％ | 1124 | 1043 | 1043 | －81 | －7\％ | －81 | －7\％ |
| 2600 | 1012 | 1044 | 1044 | 32 | 3\％ | 32 | 3\％ | 1113 | 1070 | 1070 | －43 | －4\％ | －43 | －4\％ | 1164 | 1083 | 1083 | －81 | －7\％ | －81 | －7\％ |
| 2650 | 1030 | 1062 | 1062 | 32 | 3\％ | 32 | 3\％ | 1133 | 1109 | 1109 | －23 | －2\％ | －23 | －2\％ | 1204 | 1123 | 1123 | －81 | －7\％ | －81 | －7\％ |
| 2700 | 1048 | 1080 | 1080 | 32 | 3\％ | 32 | 3\％ | 1152 | 1149 | 1149 | －4 | 0\％ | －4 | 0\％ | 1244 | 1163 | 1163 | －81 | －6\％ | －81 | －6\％ |
| 2750 | 10 | 1098 | 10 | 33 | 3\％ | 33 | 3\％ | 1172 | 1188 | 1188 | 16 | 1\％ | 16 | 1\％ | 1274 | 1203 | 1203 | －71 | －6\％ | －71 | －6\％ |
| 2800 | 10 | 1117 | 111 | 33 | 3\％ | 33 | 3\％ | 1192 | 1228 | 1228 | 36 | 3\％ | 36 | 3\％ | 1295 | 1243 | 1243 | －52 | －4\％ | －52 | －4\％ |
| 2850 | 11 | 1135 | 113 | 34 | 3\％ | 34 | 3\％ | 1211 | 1249 | 124 | 37 | 3\％ | 37 | 3\％ | 1317 | 1283 | 1283 | 33 | －3\％ | －33 | －3\％ |
| 2900 | 11 | 1153 | 115 | 34 | 3\％ | 34 | 3\％ | 1231 | 126 | 126 | 38 | 3\％ | 38 | 3\％ | 1338 | 1323 | 1323 | －15 | －1\％ | －15 | －1\％ |
| 2950 | 113 | 11 | 1172 | 35 | 3\％ | 35 | 3\％ | 1251 | 1289 | 128 | 38 | 3\％ | 38 | 3\％ | 1359 | 1363 | 1363 | 4 | 0\％ |  | 0\％ |
| 3000 | 115 | 1190 | 1190 | 35 | 3\％ | 35 | 3\％ | 1270 | 1309 | 1309 | 39 | 3\％ | 39 | 3\％ | 138 | 1403 | 14 | 23 | 2\％ | 23 | 2\％ |
| 3050 | 1173 | 1208 | 1208 | 36 | 3\％ | 36 | 3\％ | 1290 | 1329 | 1329 | 39 | 3\％ | 39 | 3\％ | 140 | 1443 | 1443 | 41 | 3\％ | 41 | 3\％ |
| 31 | 1190 | 1226 | 1226 | 36 | 3\％ | 36 | 3\％ | 1310 | 1349 | 1349 | 40 | 3\％ | 40 | 3\％ | 142 | 146 | 146 | 43 | 3\％ | 43 | \％ |
| 3150 | 1208 | 1245 | 1245 | 36 | 3\％ | 36 | 3\％ | 1329 | 1369 | 1369 | 40 | 3\％ | 40 | 3\％ | 144 | 148 | 148 | 44 | 3\％ | 44 | \％ |
| 320 | 1226 | 1263 | 1263 | 37 | 3\％ | 37 | 3\％ | 1349 | 1389 | 1389 | 41 | 3\％ | 41 | 3\％ | 146 | 1510 | 151 | 44 | 3\％ | 44 | 3\％ |
| 325 | 1244 | 1281 | 1281 | 37 | 3\％ | 37 | 3\％ | 1368 | 1409 | 1409 | 41 | 3\％ | 41 | 3\％ | 148 | 153 | 153 | 45 | 3\％ | 45 | 3\％ |
| 330 | 1262 | 130 | 1300 | 38 | 3\％ | 38 | 3\％ | 1388 | 1430 | 143 | 42 | 3\％ | 42 | 3\％ | 150 | 1554 | 155 | 45 | 3\％ | 45 | 3\％ |
| 335 | 1280 | 131 | 1318 | 38 | 3\％ | 38 | 3\％ | 1408 | 1450 | 145 | 42 | 3\％ | 42 | 3\％ | 153 | 1576 | 1576 | 46 | 3\％ | 46 | 3\％ |
| 3400 | 1298 | 133 | 133 | 39 | 3\％ | 39 | 3\％ | 142 | 1470 | 147 | 42 | 3\％ | 42 | 3\％ | 155 | 1598 | 1598 | 46 | 3\％ | 46 | 3\％ |
| 3450 | 1315 |  | 135 | 39 | 3\％ | 39 | 3\％ | 447 | 1490 | 1490 | 43 | 3\％ | 43 | 3\％ | 157 | 1620 | 1620 | 47 | 3\％ | 47 | 3\％ |
| 3500 | 1333 | 1373 | 1373 | 39 | 3\％ | 39 | 3\％ | 467 | 1510 | 151 | 43 | 3\％ | 43 | 3\％ | 159 | 1641 | 1641 | 47 | 3\％ | 47 | \％ |
| 355 | 1351 | 1391 | 1391 | 40 | 3\％ | 40 | 3\％ | 1486 | 1530 | 1530 | 44 | 3\％ | 44 | 3\％ | 161 | 1663 | 1663 | 48 | 3\％ | 48 | 3\％ |
| 36 | 1369 | 409 | 1409 | 40 | 3\％ | 40 | 3\％ | 1506 | 155 | 155 | 44 | 3\％ | 44 | 3\％ | 163 | 168 | 168 | 48 | 3\％ | 48 | 3\％ |
| 3650 | 1387 | 1428 | 1428 | 41 | 3\％ | 41 | 3\％ | 1526 | 1570 | 1570 | 45 | 3\％ | 45 | 3\％ | 165 | 1707 | 1707 | 49 | 3\％ | 49 | 3\％ |
| 3700 | 1405 | 1446 | 1446 | 41 | 3\％ | 41 | 3\％ | 1545 | 1591 | 1591 | 45 | 3\％ | 45 | 3\％ | 1680 | 1729 | 1729 | 49 | 3\％ | 49 | 3\％ |
| 3750 | 1423 | 1464 | 1464 | 42 | 3\％ | 42 | 3\％ | 1565 | 1611 | 1611 | 46 | 3\％ | 46 | 3\％ | 170 | 1751 | 1751 | 50 | 3\％ | 50 | 3\％ |
| 3800 | 1440 | 1483 | 1483 | 42 | 3\％ | 42 | 3\％ | 1584 | 1631 | 1631 | 46 | 3\％ | 46 | 3\％ | 1722 | 1773 | 1773 | 50 | 3\％ | 50 | 3\％ |
| 3850 | 1458 | 1501 | 1501 | 43 | 3\％ | 43 | 3\％ | 1604 | 1651 | 1651 | 47 | 3\％ | 47 | 3\％ | 1744 | 1795 | 1795 | 51 | 3\％ | 51 | 3\％ |
| 3900 | 1476 | 1519 | 1519 | 43 | 3\％ | 43 | 3\％ | 1624 | 1671 | 1671 | 47 | 3\％ | 47 | 3\％ | 1765 | 1816 | 1816 | 51 | 3\％ | 51 | 3\％ |
| 3950 | 1494 | 1537 | 1537 | 43 | 3\％ | 43 | 3\％ | 1643 | 1691 | 1691 | 48 | 3\％ | 48 | 3\％ | 1786 | 1838 | 1838 | 52 | 3\％ | 52 | 3\％ |

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \stackrel{\infty}{5} \\ & \stackrel{y}{5} \\ & \stackrel{H}{x} \end{aligned}$ |  |  |  |  |  | (я әғерdп) әвиечว \% |  |  |  | $\begin{aligned} & \widetilde{\nwarrow} \\ & \stackrel{N}{0} \\ & \frac{0}{0} \\ & \stackrel{0}{2} \\ & \stackrel{0}{0} \\ & 00 \\ & \stackrel{\pi}{U} \\ & \sim \end{aligned}$ |  |  |  | $\begin{aligned} & \stackrel{n}{\leftrightarrows} \stackrel{0}{\vdots} \\ & \stackrel{\rightharpoonup}{x} \end{aligned}$ | $\begin{aligned} & \text { ñ } \\ & \stackrel{n}{\infty} \\ & \stackrel{\pi}{4} \\ & \stackrel{0}{0} \\ & \frac{0}{0} \\ & 0 \end{aligned}$ |  |  |  |  |  |
| 4000 | 1512 | 1556 | 1556 | 44 | 3\% | 44 | 3\% | 1663 | 1711 | 1711 | 48 | 3\% | 48 | 3\% | 1808 | 1860 | 1860 | 52 | 3\% | 52 | 3\% |
| 4050 | 1530 | 1574 | 1574 | 44 | 3\% | 44 | 3\% | 1683 | 1731 | 1731 | 49 | 3\% | 49 | 3\% | 1829 | 1882 | 1882 | 53 | 3\% | 53 | 3\% |
| 4100 | 1548 | 1590 | 1590 | 42 | 3\% | 42 | 3\% | 1702 | 1749 | 1749 | 47 | 3\% | 47 | 3\% | 1850 | 1901 | 1901 | 51 | 3\% | 51 | 3\% |
| 4150 | 1565 | 1605 | 1605 | 40 | 3\% | 40 | 3\% | 1722 | 1765 | 1765 | 44 | 3\% | 44 | 3\% | 1872 | 1919 | 1919 | 47 | 3\% | 47 | 3\% |
| 4200 | 1583 | 1620 | 1620 | 37 | 2\% | 37 | 2\% | 1742 | 1782 | 1782 | 40 | 2\% | 40 | 2\% | 1893 | 1937 | 1937 | 44 | 2\% | 44 | 2\% |
| 4250 | 1600 | 1635 | 1635 | 35 | 2\% | 35 | 2\% | 1760 | 1798 | 1798 | 39 | 2\% | 39 | 2\% | 1913 | 1955 | 1955 | 42 | 2\% | 42 | 2\% |
| 4300 | 1615 | 1650 | 1650 | 35 | 2\% | 35 | 2\% | 1777 | 1815 | 1815 | 38 | 2\% | 38 | 2\% | 1931 | 1973 | 1973 | 42 | 2\% | 42 | 2\% |
| 4350 | 1631 | 1665 | 1665 | 34 | 2\% | 34 | 2\% | 1794 | 1831 | 1831 | 38 | 2\% | 38 | 2\% | 1950 | 1991 | 1991 | 41 | 2\% | 41 | 2\% |
| 4400 | 1646 | 1680 | 1680 | 34 | 2\% | 34 | 2\% | 1811 | 1848 | 1848 | 37 | 2\% | 37 | 2\% | 1968 | 2009 | 2009 | 41 | 2\% | 41 | 2\% |
| 4450 | 1661 | 1695 | 1695 | 34 | 2\% | 34 | 2\% | 1828 | 1864 | 1864 | 37 | 2\% | 37 | 2\% | 1987 | 2027 | 2027 | 40 | 2\% | 40 | 2\% |
| 4500 | 1677 | 1710 | 1710 | 33 | 2\% | 33 | 2\% | 1844 | 1881 | 1881 | 37 | 2\% | 37 | 2\% | 2005 | 2045 | 2045 | 40 | 2\% | 40 | 2\% |
| 4550 | 1692 | 1725 | 1725 | 33 | 2\% | 33 | 2\% | 1861 | 1898 | 1898 | 36 | 2\% | 36 | 2\% | 2023 | 2063 | 2063 | 39 | 2\% | 39 | 2\% |
| 4600 | 1708 | 1738 | 1738 | 31 | 2\% | 31 | 2\% | 1878 | 1912 | 1912 | 34 | 2\% | 34 | 2\% | 2042 | 2079 | 2079 | 37 | 2\% | 37 | 2\% |
| 4650 | 1723 | 1751 | 1751 | 28 | 2\% | 28 | 2\% | 1895 | 1926 | 1926 | 31 | 2\% | 31 | 2\% | 2060 | 2094 | 2094 | 34 | 2\% | 34 | 2\% |
| 4700 | 1738 | 1764 | 1764 | 26 | 1\% | 26 | 1\% | 1912 | 1941 | 1941 | 28 | 1\% | 28 | 1\% | 2079 | 2110 | 2110 | 31 | 1\% | 31 | 1\% |
| 4750 | 1754 | 1777 | 1777 | 23 | 1\% | 23 | 1\% | 1929 | 1955 | 1955 | 26 | 1\% | 26 | 1\% | 2097 | 2125 | 2125 | 28 | 1\% | 28 | 1\% |
| 4800 | 1769 | 1792 | 1792 | 23 | 1\% | 23 | 1\% | 1946 | 1971 | 1971 | 25 | 1\% | 25 | 1\% | 2115 | 2143 | 2143 | 27 | 1\% | 27 | 1\% |
| 4850 | 1785 | 1807 | 1807 | 22 | 1\% | 22 | 1\% | 1963 | 1988 | 1988 | 25 | 1\% | 25 | 1\% | 2134 | 2161 | 2161 | 27 | 1\% | 27 | 1\% |
| 4900 | 1800 | 1822 | 1822 | 22 | 1\% | 22 | 1\% | 1980 | 2004 | 2004 | 24 | 1\% | 24 | 1\% | 2152 | 2178 | 2178 | 26 | 1\% | 26 | \% |
| 4950 | 1815 | 1837 | 1837 | 21 | 1\% | 21 | 1\% | 1997 | 2020 | 2020 | 24 | 1\% | 24 | 1\% | 2171 | 2196 | 2196 | 26 | 1\% | 26 | 1\% |
| 5000 | 1831 | 1852 | 1852 | 21 | 1\% | 21 | 1\% | 2014 | 2037 | 2037 | 23 | 1\% | 23 | 1\% | 2189 | 2214 | 2214 | 25 | 1\% | 25 | \% |
| 5050 | 1846 | 1867 | 1867 | 21 | 1\% | 21 | 1\% | 2031 | 2053 | 2053 | 23 | 1\% | 23 | 1\% | 2207 | 2232 | 2232 | 25 | 1\% | 25 | 1\% |
| 5100 | 1862 | 1882 | 1882 | 20 | 1\% | 20 | 1\% | 2048 | 2070 | 2070 | 22 | 1\% | 22 | 1\% | 2226 | 2250 | 2250 | 24 | 1\% | 24 | 1\% |
| 5150 | 1877 | 1897 | 1897 | 20 | 1\% | 20 | 1\% | 2065 | 2086 | 2086 | 22 | 1\% | 22 | 1\% | 2244 | 2268 | 2268 | 24 | 1\% | 24 | 1\% |
| 5200 | 1892 | 1912 | 1912 | 19 | 1\% | 19 | 1\% | 2082 | 2103 | 2103 | 21 | 1\% | 21 | 1\% | 2263 | 2286 | 2286 | 23 | 1\% | 23 | 1\% |
| 5250 | 1908 | 1926 | 1926 | 19 | 1\% | 19 | 1\% | 2098 | 2119 | 2119 | 21 | 1\% | 21 | 1\% | 2281 | 2303 | 2303 | 22 | 1\% | 22 | 1\% |
| 5300 | 1923 | 1941 | 1941 | 18 | 1\% | 18 | 1\% | 2115 | 2136 | 2136 | 20 | 1\% | 20 | 1\% | 2299 | 2321 | 2321 | 22 | 1\% | 22 | 1\% |
| 535 | 1938 | 1956 | 1956 | 18 | 1\% | 18 | 1\% | 2132 | 2152 | 2152 | 20 | 1\% | 20 | 1\% | 2318 | 2339 | 2339 | 21 | 1\% | 21 | 1\% |
| 5400 | 1948 | 1971 | 1971 | 23 | 1\% | 23 | 1\% | 2143 | 2168 | 2168 | 26 | 1\% | 26 | 1\% | 2329 | 2357 | 2357 | 28 | 1\% | 28 | 1\% |
| 5450 | 1950 | 1986 | 1986 | 36 | 2\% | 36 | 2\% | 2145 | 2185 | 2185 | 39 | 2\% | 39 | 2\% | 2332 | 2375 | 2375 | 43 | 2\% | 43 | 2\% |
| 5500 | 1953 | 2001 | 2001 | 48 | 2\% | 48 | 2\% | 2148 | 2201 | 2201 | 53 | 2\% | 53 | 2\% | 2335 | 2393 | 2393 | 58 | 2\% | 58 | 2\% |
| 5550 | 1956 | 2014 | 2014 | 59 | 3\% | 59 | 3\% | 2151 | 2216 | 2216 | 65 | 3\% | 65 | 3\% | 2338 | 2408 | 2408 | 70 | 3\% | 70 | 3\% |
| 5600 | 1958 | 2025 | 2025 | 67 | 3\% | 67 | 3\% | 2154 | 2228 | 2228 | 74 | 3\% | 74 | 3\% | 2341 | 2422 | 2422 | 80 | 3\% | 80 | 3\% |
| 5650 | 1961 | 2037 | 2037 | 76 | 4\% | 76 | 4\% | 2157 | 2240 | 2240 | 84 | 4\% | 84 | 4\% | 2344 | 2435 | 2435 | 91 | 4\% | 91 | 4\% |
| 5700 | 1963 | 2048 | 2048 | 84 | 4\% | 84 | 4\% | 2160 | 2253 | 2253 | 93 | 4\% | 93 | 4\% | 2347 | 2449 | 2449 | 101 | 4\% | 101 | 4\% |
| 5750 | 1966 | 2059 | 2059 | 93 | 5\% | 93 | 5\% | 2162 | 2265 | 2265 | 102 | 5\% | 102 | 5\% | 2351 | 2462 | 2462 | 111 | 5\% | 111 | 5\% |
| 5800 | 1968 | 2070 | 2070 | 102 | 5\% | 102 | 5\% | 2165 | 2277 | 2277 | 112 | 5\% | 112 | 5\% | 2354 | 2475 | 2475 | 122 | 5\% | 122 | 5\% |
| 5850 | 1971 | 2081 | 2081 | 110 | 6\% | 110 | 6\% | 2168 | 2289 | 2289 | 121 | 6\% | 121 | 6\% | 2357 | 2489 | 2489 | 132 | 6\% | 132 | 6\% |
| 5900 | 1974 | 2092 | 2092 | 119 | 6\% | 119 | 6\% | 2171 | 2302 | 2302 | 131 | 6\% | 131 | 6\% | 2360 | 2502 | 2502 | 142 | 6\% | 142 | 6\% |
| 5950 | 1976 | 2104 | 2104 | 127 | 6\% | 127 | 6\% | 2174 | 2314 | 2314 | 140 | 6\% | 140 | 6\% | 2363 | 2515 | 2515 | 152 | 6\% | 152 | 6\% |
| 6000 | 1979 | 2115 | 2115 | 136 | 7\% | 136 | 7\% | 2176 | 2326 | 2326 | 150 | 7\% | 150 | 7\% | 2366 | 2529 | 2529 | 163 | 7\% | 163 | 7\% |
| 6050 | 1982 | 2126 | 2126 | 144 | 7\% | 144 | 7\% | 2180 | 2338 | 2338 | 158 | 7\% | 158 | 7\% | 2370 | 2542 | 2542 | 172 | 7\% | 172 | 7\% |
| 6100 | 1988 | 2137 | 2137 | 149 | 7\% | 149 | 7\% | 2187 | 2351 | 2351 | 163 | 7\% | 163 | 7\% | 2378 | 2555 | 2555 | 178 | 7\% | 178 | 7\% |
| 6150 | 1995 | 2148 | 2148 | 153 | 8\% | 153 | 8\% | 2195 | 2363 | 2363 | 168 | 8\% | 168 | 8\% | 2386 | 2569 | 2569 | 183 | 8\% | 183 | 8\% |
| 6200 | 2002 | 2159 | 2159 | 158 | 8\% | 158 | 8\% | 2202 | 2375 | 2375 | 173 | 8\% | 173 | 8\% | 2394 | 2582 | 2582 | 188 | 8\% | 188 | 8\% |
| 6250 | 2008 | 2170 | 2170 | 162 | 8\% | 162 | 8\% | 2209 | 2387 | 2387 | 178 | 8\% | 178 | 8\% | 2401 | 2595 | 2595 | 194 | 8\% | 194 | 8\% |
| 6300 | 2015 | 2181 | 2181 | 166 | 8\% | 166 | 8\% | 2217 | 2399 | 2399 | 183 | 8\% | 183 | 8\% | 2409 | 2608 | 2608 | 199 | 8\% | 199 | 8\% |
| 6350 | 2022 | 2187 | 2187 | 166 | 8\% | 166 | 8\% | 2224 | 2406 | 2406 | 182 | 8\% | 182 | 8\% | 2417 | 2616 | 2616 | 198 | 8\% | 198 | 8\% |
| 6400 | 2028 | 2194 | 2194 | 165 | 8\% | 165 | 8\% | 2231 | 2413 | 2413 | 182 | 8\% | 182 | 8\% | 2425 | 2623 | 2623 | 198 | 8\% | 198 | 8\% |
| 6450 | 2035 | 2200 | 2200 | 165 | 8\% | 165 | 8\% | 2238 | 2420 | 2420 | 182 | 8\% | 182 | 8\% | 2433 | 2631 | 2631 | 197 | 8\% | 197 | 8\% |
| 6500 | 2042 | 2206 | 2206 | 165 | 8\% | 165 | 8\% | 2246 | 2427 | 2427 | 181 | 8\% | 181 | 8\% | 2441 | 2638 | 2638 | 197 | 8\% | 197 | 8\% |
| 6550 | 2048 | 2213 | 2213 | 165 | 8\% | 165 | 8\% | 2253 | 2434 | 2434 | 181 | 8\% | 181 | 8\% | 2449 | 2646 | 2646 | 197 | 8\% | 197 | 8\% |
| 6600 | 2055 | 2219 | 2219 | 164 | 8\% | 164 | 8\% | 2260 | 2441 | 2441 | 181 | 8\% | 181 | 8\% | 2457 | 2653 | 2653 | 196 | 8\% | 196 | 8\% |
| 6650 | 2062 | 2225 | 2225 | 164 | 8\% | 164 | 8\% | 2268 | 2448 | 2448 | 180 | 8\% | 180 | 8\% | 2465 | 2661 | 2661 | 196 | 8\% | 196 | 8\% |
| 6700 | 2068 | 2232 | 2232 | 164 | 8\% | 164 | 8\% | 2275 | 2455 | 2455 | 180 | 8\% | 180 | 8\% | 2473 | 2669 | 2669 | 196 | 8\% | 196 | 8\% |

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | $\begin{aligned} & \bar{n} \\ & \stackrel{n}{\infty} \\ & \stackrel{\pi}{4} \\ & \stackrel{0}{0} \\ & \frac{0}{0} \\ & 0 \end{aligned}$ |  |  |  |  |  | $\begin{aligned} & \stackrel{00}{\leftrightarrows} \\ & \stackrel{H}{x} \\ & \underset{\sim}{x} \end{aligned}$ |  |  |  |  |  |  |
| 6750 | 2079 | 2238 | 2238 | 159 | 8\% | 159 | 8\% | 2287 | 2462 | 2462 | 175 | 8\% | 175 | 8\% | 2486 | 2676 | 2676 | 190 | 8\% | 190 | 8\% |
| 6800 | 2091 | 2244 | 2244 | 154 | 7\% | 154 | 7\% | 2300 | 2469 | 2469 | 169 | 7\% | 169 | 7\% | 2500 | 2684 | 2684 | 184 | 7\% | 184 | 7\% |
| 6850 | 2102 | 2251 | 2251 | 149 | 7\% | 149 | 7\% | 2312 | 2476 | 2476 | 164 | 7\% | 164 | 7\% | 2513 | 2691 | 2691 | 178 | 7\% | 178 | 7\% |
| 6900 | 2114 | 2257 | 2257 | 143 | 7\% | 143 | 7\% | 2325 | 2483 | 2483 | 158 | 7\% | 158 | 7\% | 2527 | 2699 | 2699 | 172 | 7\% | 172 | 7\% |
| 6950 | 2125 | 2263 | 2263 | 138 | 7\% | 138 | 7\% | 2338 | 2490 | 2490 | 152 | 7\% | 152 | 7\% | 2541 | 2706 | 2706 | 165 | 7\% | 165 | 7\% |
| 7000 | 2137 | 2270 | 2270 | 133 | 6\% | 133 | 6\% | 2350 | 2497 | 2497 | 146 | 6\% | 146 | 6\% | 2555 | 2714 | 2714 | 159 | 6\% | 159 | 6\% |
| 7050 | 2148 | 2276 | 2276 | 128 | 6\% | 128 | 6\% | 2363 | 2504 | 2504 | 141 | 6\% | 141 | 6\% | 2569 | 2721 | 2721 | 153 | 6\% | 153 | 6\% |
| 7100 | 2160 | 2280 | 2280 | 121 | 6\% | 121 | 6\% | 2376 | 2508 | 2508 | 133 | 6\% | 133 | 6\% | 2582 | 2727 | 2727 | 144 | 6\% | 144 | 6\% |
| 7150 | 2171 | 2284 | 2284 | 112 | 5\% | 112 | 5\% | 2388 | 2512 | 2512 | 123 | 5\% | 123 | 5\% | 2596 | 2730 | 2730 | 134 | 5\% | 134 | 5\% |
| 7200 | 2183 | 2287 | 2287 | 104 | 5\% | 104 | 5\% | 2401 | 2516 | 2516 | 114 | 5\% | 114 | 5\% | 2610 | 2734 | 2734 | 124 | 5\% | 124 | 5\% |
| 7250 | 2194 | 2290 | 2290 | 96 | 4\% | 96 | 4\% | 2414 | 2519 | 2519 | 105 | 4\% | 105 | 4\% | 2624 | 2738 | 2738 | 114 | 4\% | 114 | 4\% |
| 7300 | 2206 | 2293 | 2293 | 87 | 4\% | 87 | 4\% | 2427 | 2523 | 2523 | 96 | 4\% | 96 | 4\% | 2638 | 2742 | 2742 | 105 | 4\% | 105 | 4\% |
| 7350 | 2217 | 2297 | 2297 | 79 | 4\% | 79 | 4\% | 2439 | 2526 | 2526 | 87 | 4\% | 87 | 4\% | 2651 | 2746 | 2746 | 95 | 4\% | 95 | 4\% |
| 7400 | 2228 | 2300 | 2300 | 72 | 3\% | 72 | 3\% | 2450 | 2530 | 2530 | 80 | 3\% | 80 | 3\% | 2664 | 2750 | 2750 | 86 | 3\% | 86 | 3\% |
| 7450 | 2237 | 2303 | 2303 | 67 | 3\% | 67 | 3\% | 2460 | 2534 | 2534 | 73 | 3\% | 73 | 3\% | 2674 | 2754 | 2754 | 80 | 3\% | 80 | 3\% |
| 7500 | 2246 | 2306 | 2306 | 61 | 3\% | 61 | 3\% | 2470 | 2537 | 2537 | 67 | 3\% | 67 | 3\% | 2685 | 2758 | 2758 | 73 | 3\% | 73 | 3\% |
| 7550 | 2255 | 2310 | 2310 | 55 | 2\% | 55 | 2\% | 2480 | 2541 | 2541 | 61 | 2\% | 61 | 2\% | 2696 | 2762 | 2762 | 66 | 2\% | 66 | 2\% |
| 7600 | 2264 | 2313 | 2313 | 49 | 2\% | 49 | 2\% | 2490 | 2544 | 2544 | 54 | 2\% | 54 | 2\% | 2707 | 2766 | 2766 | 59 | 2\% | 59 | 2\% |
| 7650 | 2273 | 2316 | 2316 | 44 | 2\% | 44 | 2\% | 2500 | 2548 | 2548 | 48 | 2\% | 48 | 2\% | 2717 | 2770 | 2770 | 52 | 2\% | 52 | 2\% |
| 7700 | 2282 | 2320 | 2320 | 38 | 2\% | 38 | 2\% | 2510 | 2552 | 2552 | 42 | 2\% | 42 | 2\% | 2728 | 2774 | 2774 | 45 | 2\% | 45 | 2\% |
| 7750 | 2291 | 2323 | 2323 | 32 | 1\% | 32 | 1\% | 2520 | 2555 | 2555 | 36 | 1\% | 36 | 1\% | 2739 | 2777 | 2777 | 39 | 1\% | 39 | 1\% |
| 7800 | 2300 | 2326 | 2326 | 27 | 1\% | 27 | 1\% | 2530 | 2559 | 2559 | 29 | 1\% | 29 | 1\% | 2750 | 2781 | 2781 | 32 | 1\% | 32 | 1\% |
| 7850 | 2309 | 2332 | 2332 | 23 | 1\% | 23 | 1\% | 2539 | 2565 | 2565 | 25 | 1\% | 25 | 1\% | 2760 | 2788 | 2788 | 27 | 1\% | 27 | 1\% |
| 7900 | 2317 | 2342 | 2342 | 25 | 1\% | 25 | 1\% | 2549 | 2577 | 2577 | 27 | 1\% | 27 | 1\% | 2771 | 2801 | 2801 | 30 | 1\% | 30 | 1\% |
| 7950 | 2326 | 2353 | 2353 | 27 | 1\% | 27 | 1\% | 2559 | 2589 | 2589 | 30 | 1\% | 30 | 1\% | 2781 | 2814 | 2814 | 32 | 1\% | 32 | 1\% |
| 8000 | 2335 | 2364 | 2364 | 29 | 1\% | 29 | 1\% | 2568 | 2601 | 2601 | 32 | 1\% | 32 | 1\% | 2792 | 2827 | 2827 | 35 | 1\% | 35 | 1\% |
| 8050 | 2343 | 2375 | 2375 | 32 | 1\% | 32 | 1\% | 2577 | 2613 | 2613 | 35 | 1\% | 35 | 1\% | 2801 | 2840 | 2840 | 38 | 1\% | 38 | 1\% |
| 8100 | 2346 | 2386 | 2386 | 40 | 2\% | 40 | 2\% | 2581 | 2625 | 2625 | 44 | 2\% | 44 | 2\% | 2805 | 2853 | 2853 | 48 | 2\% | 48 | 2\% |
| 8150 | 2349 | 2397 | 2397 | 48 | 2\% | 48 | 2\% | 2584 | 2637 | 2637 | 53 | 2\% | 53 | 2\% | 2809 | 2866 | 2866 | 57 | 2\% | 57 | 2\% |
| 8200 | 2352 | 2408 | 2408 | 56 | 2\% | 56 | 2\% | 2587 | 2649 | 2649 | 61 | 2\% | 61 | 2\% | 2812 | 2879 | 2879 | 67 | 2\% | 67 | 2\% |
| 8250 | 2355 | 2419 | 2419 | 64 | 3\% | 64 | 3\% | 2591 | 2661 | 2661 | 70 | 3\% | 70 | 3\% | 2816 | 2892 | 2892 | 76 | 3\% | 76 | 3\% |
| 8300 | 2358 | 2430 | 2430 | 71 | 3\% | 71 | 3\% | 2594 | 2672 | 2672 | 79 | 3\% | 79 | 3\% | 2820 | 2905 | 2905 | 85 | 3\% | 85 | 3\% |
| 8350 | 2361 | 2440 | 2440 | 79 | 3\% | 79 | 3\% | 2597 | 2684 | 2684 | 87 | 3\% | 87 | 3\% | 2823 | 2918 | 2918 | 95 | 3\% | 95 | 3\% |
| 8400 | 2364 | 2451 | 2451 | 87 | 4\% | 87 | 4\% | 2601 | 2696 | 2696 | 96 | 4\% | 96 | 4\% | 2827 | 2931 | 2931 | 104 | 4\% | 104 | 4\% |
| 8450 | 2367 | 2462 | 2462 | 95 | 4\% | 95 | 4\% | 2604 | 2708 | 2708 | 104 | 4\% | 104 | 4\% | 2831 | 2944 | 2944 | 114 | 4\% | 114 | 4\% |
| 8500 | 2370 | 2473 | 2473 | 103 | 4\% | 103 | 4\% | 2607 | 2720 | 2720 | 113 | 4\% | 113 | 4\% | 2834 | 2957 | 2957 | 123 | 4\% | 123 | 4\% |
| 8550 | 2373 | 2484 | 2484 | 110 | 4.6\% | 110 | 5\% | 2611 | 2732 | 2732 | 121 | 5\% | 121 | 5\% | 2838 | 2970 | 2970 | 132 | 4.6\% | 132 | 5\% |
| 8600 | 2376 | 2494 | 2494 | 118 | 5.0\% | 118 | 5\% | 2614 | 2744 | 2744 | 130 | 5\% | 130 | 5\% | 2841 | 2982 | 2982 | 141 | 5.0\% | 141 | 5\% |
| 8650 | 2379 | 2498 | 2498 | 119 | 5.0\% | 119 | 5\% | 2617 | 2748 | 2748 | 131 | 5\% | 131 | 5\% | 2845 | 2987 | 2987 | 142 | 5.0\% | 142 | 5\% |
| 8700 | 2382 | 2501 | 2501 | 119 | 5.0\% | 119 | 5\% | 2621 | 2751 | 2751 | 131 | 5.0\% | 131 | 5\% | 2849 | 2991 | 2991 | 142 | 5.0\% | 142 | 5\% |
| 8750 | 2386 | 2504 | 2504 | 117 | 4.9\% | 117 | 5\% | 2625 | 2754 | 2754 | 129 | 4.9\% | 129 | 5\% | 2854 | 2994 | 2994 | 140 | 4.9\% | 140 | 5\% |
| 8800 | 2392 | 2507 | 2507 | 114 | 4.8\% | 114 | 5\% | 2632 | 2757 | 2757 | 126 | 4.8\% | 126 | 5\% | 2860 | 2997 | 2997 | 137 | 4.8\% | 137 | 5\% |
| 8850 | 2398 | 2509 | 2509 | 111 | 4.6\% | 111 | 5\% | 2638 | 2760 | 2760 | 122 | 4.6\% | 122 | 5\% | 2867 | 3000 | 3000 | 133 | 4.6\% | 133 | 5\% |
| 8900 | 2404 | 2512 | 2512 | 108 | 4.5\% | 108 | 4\% | 2644 | 2763 | 2763 | 119 | 4.5\% | 119 | 4\% | 2874 | 3003 | 3003 | 129 | 4.5\% | 129 | 4\% |
| 8950 | 2410 | 2515 | 2515 | 105 | 4.4\% | 105 | 4\% | 2651 | 2766 | 2766 | 115 | 4.4\% | 115 | 4\% | 2881 | 3007 | 3007 | 125 | 4.4\% | 125 | 4\% |
| 9000 | 2415 | 2517 | 2517 | 102 | 4.2\% | 102 | 4\% | 2657 | 2769 | 2769 | 112 | 4.2\% | 112 | 4\% | 2888 | 3010 | 3010 | 122 | 4.2\% | 122 | 4\% |
| 9050 | 2421 | 2520 | 2520 | 99 | 4.1\% | 99 | 4\% | 2663 | 2772 | 2772 | 109 | 4.1\% | 109 | 4\% | 2895 | 3013 | 3013 | 118 | 4.1\% | 118 | 4\% |
| 9100 | 2427 | 2523 | 2523 | 96 | 3.9\% | 96 | 4\% | 2670 | 2775 | 2775 | 105 | 3.9\% | 105 | 4\% | 2902 | 3016 | 3016 | 114 | 3.9\% | 114 | 4\% |
| 9150 | 2433 | 2525 | 2525 | 92 | 3.8\% | 92 | 4\% | 2676 | 2778 | 2778 | 102 | 3.8\% | 102 | 4\% | 2909 | 3019 | 3019 | 111 | 3.8\% | 111 | 4\% |
| 9200 | 2439 | 2528 | 2528 | 89 | 3.7\% | 89 | 4\% | 2682 | 2781 | 2781 | 98 | 3.7\% | 98 | 4\% | 2916 | 3023 | 3023 | 107 | 3.7\% | 107 | 4\% |
| 9250 | 2444 | 2531 | 2531 | 86 | 3.5\% | 86 | 4\% | 2689 | 2784 | 2784 | 95 | 3.5\% | 95 | 4\% | 2923 | 3026 | 3026 | 103 | 3.5\% | 103 | 4\% |
| 9300 | 2450 | 2533 | 2533 | 83 | 3.4\% | 83 | 3\% | 2695 | 2787 | 2787 | 91 | 3.4\% | 91 | 3\% | 2930 | 3029 | 3029 | 99 | 3.4\% | 99 | 3\% |
| 9350 | 2456 | 2536 | 2536 | 80 | 3.3\% | 80 | 3\% | 2702 | 2790 | 2790 | 88 | 3.3\% | 88 | 3\% | 2937 | 3032 | 3032 | 96 | 3.3\% | 96 | 3\% |
| 9400 | 2462 | 2539 | 2539 | 77 | 3\% | 77 | 3\% | 2708 | 2793 | 2793 | 85 | 3\% | 85 | 3\% | 2944 | 3035 | 3035 | 92 | 3\% | 92 | 3\% |
| 9450 | 2467 | 2544 | 2544 | 77 | 3\% | 77 | 3\% | 2714 | 2798 | 2798 | 84 | 3\% | 84 | 3\% | 2950 | 3041 | 3041 | 92 | 3\% | 92 | 3\% |

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \stackrel{\infty}{\hbar} \\ & \stackrel{H}{\underset{x}{x}} \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  | $\begin{aligned} & \stackrel{0}{\hbar} \\ & \stackrel{y}{\leftrightarrows} \\ & \stackrel{y}{x} \end{aligned}$ |  |  |  |  |  |  |
| 9500 | 2472 | 2549 | 2549 | 77 | 3\% | 77 | 3\% | 2719 | 2804 | 2804 | 85 | 3\% | 85 | 3\% | 2956 | 3048 | 3048 | 92 | 3\% | 92 | 3\% |
| 9550 | 2477 | 2554 | 2554 | 77 | 3\% | 77 | 3\% | 2725 | 2810 | 2810 | 85 | 3\% | 85 | 3\% | 2962 | 3054 | 3054 | 93 | 3\% | 93 | 3\% |
| 9600 | 2482 | 2560 | 2560 | 78 | 3\% | 78 | 3\% | 2730 | 2816 | 2816 | 86 | 3\% | 86 | 3\% | 2967 | 3061 | 3061 | 93 | 3\% | 93 | 3\% |
| 9650 | 2487 | 2565 | 2565 | 78 | 3\% | 78 | 3\% | 2735 | 2821 | 2821 | 86 | 3\% | 86 | 3\% | 2973 | 3067 | 3067 | 94 | 3\% | 94 | 3\% |
| 9700 | 2492 | 2570 | 2570 | 79 | 3\% | 79 | 3\% | 2741 | 2827 | 2827 | 87 | 3\% | 87 | 3\% | 2979 | 3073 | 3073 | 94 | 3\% | 94 | 3\% |
| 9750 | 2496 | 2576 | 2576 | 79 | 3\% | 79 | 3\% | 2746 | 2833 | 2833 | 87 | 3\% | 87 | 3\% | 2985 | 3080 | 3080 | 95 | 3\% | 95 | 3\% |
| 9800 | 2501 | 2581 | 2581 | 80 | 3\% | 80 | 3\% | 2752 | 2839 | 2839 | 87 | 3\% | 87 | 3\% | 2991 | 3086 | 3086 | 95 | 3\% | 95 | 3\% |
| 9850 | 2506 | 2586 | 2586 | 80 | 3\% | 80 | 3\% | 2757 | 2845 | 2845 | 88 | 3\% | 88 | 3\% | 2997 | 3092 | 3092 | 96 | 3\% | 96 | 3\% |
| 9900 | 2511 | 2592 | 2592 | 80 | 3\% | 80 | 3\% | 2762 | 2851 | 2851 | 88 | 3\% | 88 | 3\% | 3003 | 3099 | 3099 | 96 | 3\% | 96 | 3\% |
| 9950 | 2516 | 2597 | 2597 | 81 | 3\% | 81 | 3\% | 2768 | 2857 | 2857 | 89 | 3\% | 89 | 3\% | 3008 | 3105 | 3105 | 97 | 3\% | 97 | 3\% |
| 10000 | 2521 | 2602 | 2602 | 81 | 3\% | 81 | 3\% | 2773 | 2862 | 2862 | 89 | 3\% | 89 | 3\% | 3014 | 3111 | 3111 | 97 | 3\% | 97 | 3\% |
| 10050 | 2534 | 2608 | 2617 | 73 | 3\% | 82 | 3\% | 2788 | 2868 | 2878 | 80 | 3\% | 90 | 3\% | 3030 | 3118 | 3129 | 87 | 3\% | 98 | 3\% |
| 10100 | 2548 | 2613 | 2631 | 65 | 3\% | 83 | 3\% | 2802 | 2874 | 2894 | 72 | 3\% | 92 | 3\% | 3046 | 3124 | 3146 | 78 | 3\% | 100 | 3\% |
| 10150 | 2561 | 2618 | 2645 | 57 | 2\% | 84 | 3\% | 2817 | 2880 | 2910 | 63 | 2\% | 93 | 3\% | 3062 | 3131 | 3163 | 68 | 2\% | 101 | 3\% |
| 10200 | 2574 | 2623 | 2660 | 49 | 2\% | 85 | 3\% | 2832 | 2886 | 2926 | 54 | 2\% | 94 | 3\% | 3078 | 3137 | 3180 | 59 | 2\% | 102 | 3\% |
| 10250 | 2588 | 2633 | 2674 | 45 | 2\% | 86 | 3\% | 2847 | 2896 | 2942 | 49 | 2\% | 95 | 3\% | 3094 | 3148 | 3197 | 54 | 2\% | 103 | 3\% |
| 10300 | 2601 | 2642 | 2689 | 41 | 2\% | 87 | 3\% | 2861 | 2906 | 2957 | 45 | 2\% | 96 | 3\% | 3110 | 3159 | 3215 | 49 | 2\% | 104 | 3\% |
| 10350 | 2615 | 2651 | 2703 | 37 | 1\% | 88 | 3\% | 2876 | 2916 | 2973 | 40 | 1\% | 97 | 3\% | 3126 | 3170 | 3232 | 44 | 1\% | 106 | 3\% |
| 10400 | 2628 | 2660 | 2717 | 32 | 1\% | 89 | 3\% | 2891 | 2926 | 2989 | 36 | 1\% | 98 | 3\% | 3142 | 3181 | 3249 | 39 | 1\% | 107 | 3\% |
| 10450 | 2641 | 2670 | 2732 | 28 | 1\% | 90 | 3\% | 2905 | 2937 | 3005 | 31 | 1\% | 99 | 3\% | 3158 | 3192 | 3266 | 34 | 1\% | 108 | 3\% |
| 10500 | 2655 | 2679 | 2746 | 24 | 1\% | 91 | 3\% | 2920 | 2947 | 3021 | 27 | 1\% | 101 | 3\% | 3174 | 3203 | 3284 | 29 | 1\% | 109 | 3\% |
| 10550 | 2668 | 2688 | 2761 | 20 | 1\% | 92 | 3\% | 2935 | 2957 | 3037 | 22 | 1\% | 102 | 3\% | 3190 | 3214 | 3301 | 24 | 1\% | 111 | 3\% |
| 10600 | 2681 | 2697 | 2775 | 16 | 1\% | 93 | 3\% | 2950 | 2967 | 3052 | 17 | 1\% | 103 | 3\% | 3206 | 3225 | 3318 | 19 | 1\% | 112 | 3\% |
| 10650 | 2695 | 2707 | 2789 | 12 | 0\% | 95 | 4\% | 2964 | 2977 | 3068 | 13 | 0\% | 104 | 4\% | 3222 | 3236 | 3335 | 14 | 0\% | 113 | 4\% |
| 10700 | 2708 | 2716 | 2804 | 8 | 0\% | 96 | 4\% | 2979 | 2987 | 3084 | 8 | 0\% | 105 | 4\% | 3238 | 3247 | 3352 | 9 | 0\% | 114 | 4\% |
| 10750 | 2722 | 2725 | 2818 | 4 | 0\% | 97 | 4\% | 2994 | 2998 | 3100 | 4 | 0\% | 106 | 4\% | 3254 | 3258 | 3370 | 4 | 0\% | 115 | 4\% |
| 10800 | 2735 | 2734 | 2832 | -1 | 0\% | 98 | 4\% | 3008 | 3008 | 3116 | -1 | 0\% | 107 | 4\% | 3270 | 3269 | 3387 | -1 | 0\% | 117 | 4\% |
| 10850 | 2748 | 2744 | 2847 | -5 | 0\% | 99 | 4\% | 3023 | 3018 | 3132 | -5 | 0\% | 108 | 4\% | 3286 | 3280 | 3404 | -6 | 0\% | 118 | 4\% |
| 10900 | 2762 | 2753 | 2861 | -9 | 0\% | 100 | 4\% | 3038 | 3028 | 3147 | -10 | 0\% | 110 | 4\% | 3302 | 3292 | 3421 | -11 | 0\% | 119 | 4\% |
| 10950 | 2775 | 2762 | 2876 | -13 | 0\% | 101 | 4\% | 3053 | 3038 | 3163 | -14 | 0\% | 111 | 4\% | 3318 | 3303 | 3438 | -16 | 0\% | 120 | 4\% |
| 11000 | 2788 | 2771 | 2890 | -17 | -1\% | 102 | 4\% | 3067 | 3048 | 3179 | -19 | -1\% | 112 | 4\% | 3334 | 3314 | 3456 | -20 | -1\% | 122 | 4\% |
| 11050 | 2802 | 2781 | 2904 | -21 | -1\% | 103 | 4\% | 3082 | 3059 | 3195 | -23 | -1\% | 113 | 4\% | 3350 | 3325 | 3473 | -25 | -1\% | 123 | 4\% |
| 11100 | 2815 | 2790 | 2919 | -25 | -1\% | 104 | 4\% | 3097 | 3069 | 3211 | -28 | -1\% | 114 | 4\% | 3366 | 3336 | 3490 | -30 | -1\% | 124 | 4\% |
| 11150 | 2828 | 2799 | 2933 | -29 | -1\% | 105 | 4\% | 3111 | 3079 | 3227 | -32 | -1\% | 115 | 4\% | 3382 | 3347 | 3507 | -35 | -1\% | 125 | 4\% |
| 11200 | 2842 | 2808 | 2948 | -34 | -1\% | 106 | 4\% | 3126 | 3089 | 3242 | -37 | -1\% | 116 | 4\% | 3398 | 3358 | 3524 | -40 | -1\% | 126 | 4\% |
| 11250 | 2855 | 2818 | 2962 | -38 | -1\% | 107 | 4\% | 3141 | 3099 | 3258 | -41 | -1\% | 117 | 4\% | 3414 | 3369 | 3542 | -45 | -1\% | 128 | 4\% |
| 11300 | 2869 | 2827 | 2976 | -42 | -1\% | 108 | 4\% | 3155 | 3109 | 3274 | -46 | -1\% | 119 | 4\% | 3430 | 3380 | 3559 | -50 | -1\% | 129 | 4\% |
| 11350 | 2882 | 2836 | 2991 | -46 | -2\% | 109 | 4\% | 3170 | 3120 | 3290 | -51 | -2\% | 120 | 4\% | 3446 | 3391 | 3576 | -55 | -2\% | 130 | 4\% |
| 11400 | 2895 | 2845 | 3005 | -50 | -2\% | 110 | 4\% | 3185 | 3130 | 3306 | -55 | -2\% | 121 | 4\% | 3462 | 3402 | 3593 | -60 | -2\% | 131 | 4\% |
| 11450 | 2909 | 2855 | 3020 | -54 | -2\% | 111 | 4\% | 3200 | 3140 | 3322 | -60 | -2\% | 122 | 4\% | 3478 | 3413 | 3611 | -65 | -2\% | 133 | 4\% |
| 11500 | 2922 | 2864 | 3034 | -58 | -2\% | 112 | 4\% | 3214 | 3150 | 3337 | -64 | -2\% | 123 | 4\% | 3494 | 3424 | 3628 | -70 | -2\% | 134 | 4\% |
| 11550 | 2935 | 2873 | 3048 | -62 | -2\% | 113 | 4\% | 3229 | 3161 | 3353 | -68 | -2\% | 124 | 4\% | 3510 | 3435 | 3645 | -74 | -2\% | 135 | 4\% |
| 11600 | 2949 | 2883 | 3063 | -66 | -2\% | 114 | 4\% | 3244 | 3171 | 3369 | -73 | -2\% | 125 | 4\% | 3526 | 3447 | 3662 | -79 | -2\% | 136 | 4\% |
| 11650 | 2962 | 2892 | 3077 | -70 | -2\% | 115 | 4\% | 3258 | 3181 | 3385 | -77 | -2\% | 126 | 4\% | 3542 | 3458 | 3679 | -84 | -2\% | 137 | 4\% |
| 11700 | 2976 | 2901 | 3092 | -74 | -3\% | 116 | 4\% | 3273 | 3191 | 3401 | -82 | -3\% | 128 | 4\% | 3558 | 3469 | 3697 | -89 | -3\% | 139 | 4\% |
| 11750 | 2989 | 2910 | 3106 | -78 | -3\% | 117 | 4\% | 3288 | 3202 | 3417 | -86 | -3\% | 129 | 4\% | 3574 | 3480 | 3714 | -94 | -3\% | 140 | 4\% |
| 11800 | 3002 | 2920 | 3120 | -83 | -3\% | 118 | 4\% | 3303 | 3212 | 3432 | -91 | -3\% | 130 | 4\% | 3590 | 3491 | 3731 | -99 | -3\% | 141 | 4\% |
| 11850 | 3016 | 2929 | 3135 | -87 | -3\% | 119 | 4\% | 3317 | 3222 | 3448 | -95 | -3\% | 131 | 4\% | 3606 | 3502 | 3748 | -104 | -3\% | 142 | 4\% |
| 11900 | 3029 | 2938 | 3149 | -91 | -3\% | 120 | 4\% | 3332 | 3232 | 3464 | -100 | -3\% | 132 | 4\% | 3622 | 3513 | 3765 | -108 | -3\% | 144 | 4\% |
| 11950 | 3042 | 2948 | 3163 | -95 | -3\% | 121 | 4\% | 3347 | 3242 | 3480 | -104 | -3\% | 133 | 4\% | 3638 | 3525 | 3783 | -113 | -3\% | 145 | 4\% |
| 12000 | 3056 | 2957 | 3178 | -99 | -3\% | 122 | 4\% | 3361 | 3253 | 3496 | -109 | -3\% | 134 | 4\% | 3654 | 3536 | 3800 | -118 | -3\% | 146 | 4\% |
| 12050 | 3069 | 2966 | 3192 | -103 | -3\% | 123 | 4\% | 3376 | 3263 | 3512 | -113 | -3\% | 135 | 4\% | 3670 | 3547 | 3817 | -123 | -3\% | 147 | 4\% |
| 12100 | 3083 | 2976 | 3207 | -107 | -3\% | 124 | 4\% | 3391 | 3273 | 3527 | -118 | -3\% | 137 | 4\% | 3686 | 3558 | 3834 | -128 | -3\% | 148 | 4\% |
| 12150 | 3096 | 2985 | 3221 | -111 | -4\% | 125 | 4\% | 3405 | 3283 | 3543 | -122 | -4\% | 138 | 4\% | 3702 | 3569 | 3851 | -133 | -4\% | 150 | 4\% |
| 12200 | 3109 | 2994 | 3235 | -115 | -4\% | 126 | 4\% | 3420 | 3294 | 3559 | -126 | -4\% | 139 | 4\% | 3718 | 3580 | 3869 | -137 | -4\% | 151 | 4\% |

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \stackrel{\pi}{n} \\ & \stackrel{y}{\infty} \\ & \stackrel{4}{4} \\ & \stackrel{0}{0} \\ & \frac{0}{0} \\ & 0 \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \frac{\pi}{n} \\ & \stackrel{n}{\infty} \\ & \stackrel{4}{4} \\ & \stackrel{0}{0} \\ & \frac{0}{0} \\ & 0 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| 12250 | 3123 | 3005 | 3250 | -118 | -4\% | 127 | 4\% | 3435 | 3305 | 3575 | -130 | -4\% | 140 | 4\% | 3734 | 3593 | 3886 | -141 | -4\% | 152 | 4\% |
| 12300 | 3136 | 3014 | 3264 | -122 | -4\% | 128 | 4\% | 3450 | 3315 | 3591 | -134 | -4\% | 141 | 4\% | 3750 | 3604 | 3903 | -146 | -4\% | 153 | 4\% |
| 12350 | 3149 | 3024 | 3279 | -125 | -4\% | 129 | 4\% | 3464 | 3327 | 3607 | -138 | -4\% | 142 | 4\% | 3766 | 3616 | 3920 | -150 | -4\% | 155 | 4\% |
| 12400 | 3163 | 3034 | 3293 | -128 | -4\% | 130 | 4\% | 3479 | 3338 | 3622 | -141 | -4\% | 143 | 4\% | 3782 | 3628 | 3937 | -153 | -4\% | 156 | 4\% |
| 12450 | 3176 | 3045 | 3307 | -131 | -4\% | 131 | 4\% | 3494 | 3349 | 3638 | -145 | -4\% | 144 | 4\% | 3798 | 3641 | 3955 | -157 | -4\% | 157 | 4\% |
| 12500 | 3189 | 3055 | 3322 | -135 | -4\% | 132 | 4\% | 3508 | 3360 | 3654 | -148 | -4\% | 146 | 4\% | 3814 | 3653 | 3972 | -161 | -4\% | 158 | 4\% |
| 12550 | 3203 | 3065 | 3336 | -138 | -4\% | 133 | 4\% | 3523 | 3372 | 3670 | -151 | -4\% | 147 | 4\% | 3830 | 3665 | 3989 | -165 | -4\% | 159 | 4\% |
| 12600 | 3216 | 3072 | 3351 | -145 | -4\% | 134 | 4\% | 3538 | 3379 | 3686 | -159 | -4\% | 148 | 4\% | 3846 | 3673 | 4006 | -173 | -4\% | 161 | 4\% |
| 12650 | 3230 | 3077 | 3365 | -152 | -5\% | 135 | 4\% | 3553 | 3385 | 3701 | -167 | -5\% | 149 | 4\% | 3862 | 3680 | 4024 | -182 | -5\% | 162 | 4\% |
| 12700 | 3243 | 3083 | 3379 | -160 | -5\% | 136 | 4\% | 3567 | 3391 | 3717 | -176 | -5\% | 150 | 4\% | 3878 | 3686 | 4041 | -191 | -5\% | 163 | 4\% |
| 12750 | 3256 | 3089 | 3394 | -168 | -5\% | 137 | 4\% | 3582 | 3398 | 3733 | -184 | -5\% | 151 | 4\% | 3894 | 3693 | 4058 | -200 | -5\% | 164 | 4\% |
| 12800 | 3270 | 3094 | 3408 | -175 | -5\% | 138 | 4\% | 3597 | 3404 | 3749 | -193 | -5\% | 152 | 4\% | 3910 | 3700 | 4075 | -210 | -5\% | 166 | 4\% |
| 12850 | 3283 | 3100 | 3423 | -183 | -6\% | 139 | 4\% | 3611 | 3410 | 3765 | -201 | -6\% | 153 | 4\% | 3926 | 3707 | 4092 | -219 | -6\% | 167 | 4\% |
| 12900 | 3296 | 3106 | 3437 | -191 | -6\% | 141 | 4\% | 3626 | 3416 | 3781 | -210 | -6\% | 155 | 4\% | 3942 | 3714 | 4110 | -228 | -6\% | 168 | 4\% |
| 12950 | 3310 | 3112 | 3451 | -198 | -6\% | 142 | 4\% | 3641 | 3423 | 3796 | -218 | -6\% | 156 | 4\% | 3958 | 3720 | 4127 | -237 | -6\% | 169 | 4\% |
| 13000 | 3323 | 3117 | 3466 | -206 | -6\% | 143 | 4\% | 3656 | 3429 | 3812 | -227 | -6\% | 157 | 4\% | 3974 | 3727 | 4144 | -246 | -6\% | 170 | 4\% |
| 13050 | 3337 | 3123 | 3480 | -214 | -6\% | 144 | 4\% | 3670 | 3435 | 3828 | -235 | -6\% | 158 | 4\% | 3990 | 3734 | 4161 | -255 | -6\% | 172 | 4\% |
| 13100 | 3350 | 3129 | 3495 | -221 | -7\% | 145 | 4\% | 3685 | 3441 | 3844 | -243 | -7\% | 159 | 4\% | 4006 | 3741 | 4178 | -265 | -7\% | 173 | 4\% |
| 13150 | 3363 | 3134 | 3509 | -229 | -7\% | 146 | 4\% | 3700 | 3448 | 3860 | -252 | -7\% | 160 | 4\% | 4022 | 3748 | 4196 | -274 | -7\% | 174 | 4\% |
| 13200 | 3377 | 3140 | 3523 | -237 | -7\% | 147 | 4\% | 3714 | 3454 | 3876 | -260 | -7\% | 161 | 4\% | 4037 | 3754 | 4213 | -283 | -7\% | 175 | 4\% |
| 13250 | 3390 | 3146 | 3538 | -244 | -7\% | 148 | 4\% | 3729 | 3460 | 3891 | -269 | -7\% | 162 | 4\% | 4053 | 3761 | 4230 | -292 | -7\% | 177 | 4\% |
| 13300 | 3403 | 3151 | 3552 | -252 | -7\% | 149 | 4\% | 3744 | 3466 | 3907 | -277 | -7\% | 164 | 4\% | 4069 | 3768 | 4247 | -301 | -7\% | 178 | 4\% |
| 13350 | 3417 | 3157 | 3566 | -260 | -8\% | 150 | 4\% | 3758 | 3473 | 3923 | -286 | -8\% | 165 | 4\% | 4085 | 3775 | 4264 | -311 | -8\% | 179 | 4\% |
| 13400 | 3430 | 3163 | 3581 | -267 | -8\% | 151 | 4\% | 3773 | 3479 | 3939 | -294 | -8\% | 166 | 4\% | 4101 | 3782 | 4282 | -320 | -8\% | 180 | 4\% |
| 13450 | 3444 | 3168 | 3595 | -275 | -8\% | 152 | 4\% | 3788 | 3485 | 3955 | -303 | -8\% | 167 | 4\% | 4117 | 3788 | 4299 | -329 | -8\% | 181 | 4\% |
| 13500 | 3457 | 3174 | 3610 | -283 | -8\% | 153 | 4\% | 3803 | 3491 | 3971 | -311 | -8\% | 168 | 4\% | 4133 | 3795 | 4316 | -338 | -8\% | 183 | 4\% |
| 13550 | 3470 | 3180 | 3624 | -291 | -8\% | 154 | 4\% | 3817 | 3498 | 3986 | -320 | -8\% | 169 | 4\% | 4149 | 3802 | 4333 | -347 | -8\% | 184 | 4\% |
| 13600 | 3484 | 3185 | 3638 | -298 | -9\% | 155 | 4\% | 3832 | 3504 | 4002 | -328 | -9\% | 170 | 4\% | 4165 | 3809 | 4351 | -357 | -9\% | 185 | 4\% |
| 13650 | 3497 | 3191 | 3653 | -306 | -9\% | 156 | 4\% | 3847 | 3510 | 4018 | -336 | -9\% | 171 | 4\% | 4181 | 3816 | 4368 | -366 | -9\% | 186 | 4\% |
| 13700 | 3510 | 3198 | 3667 | -313 | -9\% | 157 | 4\% | 3861 | 3518 | 4034 | -344 | -9\% | 173 | 4\% | 4197 | 3824 | 4385 | -374 | -9\% | 188 | 4\% |
| 13750 | 3524 | 3204 | 3682 | -319 | -9\% | 158 | 4\% | 3876 | 3525 | 4050 | -351 | -9\% | 174 | 4\% | 4213 | 3831 | 4402 | -382 | -9\% | 189 | 4\% |
| 13800 | 3537 | 3211 | 3696 | -326 | -9\% | 159 | 4\% | 3891 | 3532 | 4066 | -359 | -9\% | 175 | 4\% | 4229 | 3839 | 4419 | -390 | -9\% | 190 | 4\% |
| 13850 | 3550 | 3217 | 3710 | -333 | -9\% | 160 | 5\% | 3906 | 3539 | 4081 | -366 | -9\% | 176 | 5\% | 4245 | 3847 | 4437 | -398 | -9\% | 191 | 5\% |
| 13900 | 3564 | 3224 | 3725 | -340 | -10\% | 161 | 5\% | 3920 | 3546 | 4097 | -374 | -10\% | 177 | 5\% | 4261 | 3855 | 4454 | -406 | -10\% | 192 | 5\% |
| 13950 | 3577 | 3231 | 3739 | -347 | -10\% | 162 | 5\% | 3935 | 3554 | 4113 | -381 | -10\% | 178 | 5\% | 4277 | 3863 | 4471 | -415 | -10\% | 194 | 5\% |
| 14000 | 3591 | 3237 | 3754 | -354 | -10\% | 163 | 5\% | 3950 | 3561 | 4129 | -389 | -10\% | 179 | 5\% | 4293 | 3871 | 4488 | -423 | -10\% | 195 | 5\% |
| 14050 | 3604 | 3244 | 3768 | -360 | -10\% | 164 | 5\% | 3964 | 3568 | 4145 | -396 | -10\% | 180 | 5\% | 4309 | 3878 | 4505 | -431 | -10\% | 196 | 5\% |
| 14100 | 3617 | 3250 | 3782 | -367 | -10\% | 165 | 5\% | 3979 | 3575 | 4161 | -404 | -10\% | 182 | 5\% | 4325 | 3886 | 4523 | -439 | -10\% | 197 | 5\% |
| 14150 | 3631 | 3257 | 3797 | -374 | -10\% | 166 | 5\% | 3994 | 3582 | 4176 | -411 | -10\% | 183 | 5\% | 4341 | 3894 | 4540 | -447 | -10\% | 199 | 5\% |
| 14200 | 3644 | 3263 | 3811 | -381 | -10\% | 167 | 5\% | 4009 | 3590 | 4192 | -419 | -10\% | 184 | 5\% | 4357 | 3902 | 4557 | -455 | -10\% | 200 | 5\% |
| 14250 | 3657 | 3270 | 3826 | -388 | -11\% | 168 | 5\% | 4023 | 3597 | 4208 | -426 | -11\% | 185 | 5\% | 4373 | 3910 | 4574 | -463 | -11\% | 201 | 5\% |
| 14300 | 3671 | 3276 | 3840 | -394 | -11\% | 169 | 5\% | 4038 | 3604 | 4224 | -434 | -11\% | 186 | 5\% | 4389 | 3918 | 4591 | -472 | -11\% | 202 | 5\% |
| 14350 | 3684 | 3283 | 3854 | -401 | -11\% | 170 | 5\% | 4053 | 3611 | 4240 | -441 | -11\% | 187 | 5\% | 4405 | 3925 | 4609 | -480 | -11\% | 203 | 5\% |
| 14400 | 3698 | 3290 | 3869 | -408 | -11\% | 171 | 5\% | 4067 | 3619 | 4256 | -449 | -11\% | 188 | 5\% | 4421 | 3933 | 4626 | -488 | -11\% | 205 | 5\% |
| 14450 | 3711 | 3296 | 3883 | -415 | -11\% | 172 | 5\% | 4082 | 3626 | 4271 | -456 | -11\% | 189 | 5\% | 4437 | 3941 | 4643 | -496 | -11\% | 206 | 5\% |
| 14500 | 3724 | 3303 | 3898 | -422 | -11\% | 173 | 5\% | 4097 | 3633 | 4287 | -464 | -11\% | 191 | 5\% | 4453 | 3949 | 4660 | -504 | -11\% | 207 | 5\% |
| 14550 | 3738 | 3309 | 3912 | -428 | -11\% | 174 | 5\% | 4111 | 3640 | 4303 | -471 | -11\% | 192 | 5\% | 4469 | 3957 | 4677 | -512 | -11\% | 208 | 5\% |
| 14600 | 3751 | 3316 | 3926 | -435 | -12\% | 175 | 5\% | 4126 | 3647 | 4319 | -479 | -12\% | 193 | 5\% | 4485 | 3965 | 4695 | -520 | -12\% | 210 | 5\% |
| 14650 | 3764 | 3322 | 3941 | -442 | -12\% | 176 | 5\% | 4141 | 3655 | 4335 | -486 | -12\% | 194 | 5\% | 4501 | 3973 | 4712 | -529 | -12\% | 211 | 5\% |
| 14700 | 3778 | 3329 | 3955 | -449 | -12\% | 177 | 5\% | 4156 | 3662 | 4351 | -494 | -12\% | 195 | 5\% | 4517 | 3980 | 4729 | -537 | -12\% | 212 | 5\% |
| 14750 | 3791 | 3335 | 3969 | -456 | -12\% | 178 | 5\% | 4170 | 3669 | 4366 | -501 | -12\% | 196 | 5\% | 4533 | 3988 | 4746 | -545 | -12\% | 213 | 5\% |
| 14800 | 3805 | 3342 | 3984 | -462 | -12\% | 179 | 5\% | 4185 | 3676 | 4382 | -509 | -12\% | 197 | 5\% | 4549 | 3996 | 4764 | -553 | -12\% | 214 | 5\% |
| 14850 | 3818 | 3349 | 3998 | -469 | -12\% | 180 | 5\% | 4200 | 3683 | 4398 | -516 | -12\% | 198 | 5\% | 4565 | 4004 | 4781 | -561 | -12\% | 216 | 5\% |
| 14900 | 3831 | 3355 | 4013 | -476 | -12\% | 181 | 5\% | 4214 | 3691 | 4414 | -524 | -12\% | 200 | 5\% | 4581 | 4012 | 4798 | -569 | -12\% | 217 | 5\% |
| 14950 | 3845 | 3362 | 4027 | -483 | -13\% | 182 | 5\% | 4229 | 3698 | 4430 | -531 | -13\% | 201 | 5\% | 4597 | 4020 | 4815 | -577 | -13\% | 218 | 5\% |

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \stackrel{\infty}{4} \\ & \stackrel{0}{\hat{x}} \\ & \hline \end{aligned}$ |  |  |  |  |  |  |  | $\begin{aligned} & \frac{\pi}{n} \\ & \stackrel{0}{\infty} \\ & \frac{\pi}{c} \\ & \stackrel{0}{N} \\ & \frac{\pi}{0} \\ & 0 \end{aligned}$ |  |  |  |  |  | $\begin{aligned} & \stackrel{\infty}{\stackrel{\circ}{\#}} \\ & \stackrel{\rightharpoonup}{x} \end{aligned}$ |  |  |  |  |  |  |
| 15000 | 3858 | 3368 | 4041 | -490 | -13\% | 183 | 5\% | 4244 | 3705 | 4446 | -539 | -13\% | 202 | 5\% | 4613 | 4027 | 4832 | -586 | -13\% | 219 | 5\% |
| 15050 | 3865 | 3375 | 4055 | -490 | -13\% | 190 | 5\% | 4251 | 3712 | 4460 | -539 | -13\% | 209 | 5\% | 4621 | 4035 | 4848 | -586 | -13\% | 227 | 5\% |
| 15100 | 3871 | 3381 | 4061 | -491 | -13\% | 190 | 5\% | 4259 | 3719 | 4467 | -540 | -13\% | 209 | 5\% | 4629 | 4043 | 4856 | -586 | -13\% | 227 | 5\% |
| 15150 | 3878 | 3385 | 4068 | -494 | -13\% | 189 | 5\% | 4266 | 3723 | 4474 | -543 | -13\% | 208 | 5\% | 4637 | 4047 | 4864 | -590 | -13\% | 226 | 5\% |
| 15200 | 3885 | 3388 | 4074 | -497 | -13\% | 189 | 5\% | 4273 | 3727 | 4482 | -546 | -13\% | 208 | 5\% | 4645 | 4051 | 4871 | -594 | -13\% | 226 | 5\% |
| 15250 | 3892 | 3392 | 4081 | -500 | -13\% | 189 | 5\% | 4281 | 3731 | 4489 | -550 | -13\% | 208 | 5\% | 4653 | 4056 | 4879 | -597 | -13\% | 226 | 5\% |
| 15300 | 3898 | 3395 | 4087 | -503 | -13\% | 189 | 5\% | 4288 | 3735 | 4496 | -553 | -13\% | 208 | 5\% | 4661 | 4060 | 4887 | -602 | -13\% | 226 | 5\% |
| 15350 | 3905 | 3398 | 4094 | -507 | -13\% | 189 | 5\% | 4295 | 3738 | 4503 | -557 | -13\% | 208 | 5\% | 4669 | 4063 | 4895 | -606 | -13\% | 226 | 5\% |
| 15400 | 3912 | 3402 | 4100 | -510 | -13\% | 189 | 5\% | 4303 | 3742 | 4510 | -561 | -13\% | 207 | 5\% | 4677 | 4067 | 4903 | -610 | -13\% | 225 | 5\% |
| 15450 | 3918 | 3405 | 4107 | -514 | -13\% | 188 | 5\% | 4310 | 3745 | 4517 | -565 | -13\% | 207 | 5\% | 4685 | 4071 | 4910 | -614 | -13\% | 225 | 5\% |
| 15500 | 3925 | 3408 | 4113 | -517 | -13\% | 188 | 5\% | 4318 | 3749 | 4525 | -569 | -13\% | 207 | 5\% | 4693 | 4075 | 4918 | -618 | -13\% | 225 | 5\% |
| 15550 | 3932 | 3411 | 4120 | -521 | -13\% | 188 | 5\% | 4325 | 3752 | 4532 | -573 | -13\% | 207 | 5\% | 4701 | 4079 | 4926 | -623 | -13\% | 225 | 5\% |
| 15600 | 3939 | 3414 | 4126 | -524 | -13\% | 188 | 5\% | 4332 | 3756 | 4539 | -577 | -13\% | 207 | 5\% | 4709 | 4083 | 4934 | -627 | -13\% | 225 | 5\% |
| 15650 | 3945 | 3418 | 4133 | -528 | -13\% | 188 | 5\% | 4340 | 3759 | 4546 | -580 | -13\% | 206 | 5\% | 4717 | 4086 | 4942 | -631 | -13\% | 224 | 5\% |
| 15700 | 3952 | 3421 | 4139 | -531 | -13\% | 187 | 5\% | 4347 | 3763 | 4553 | -584 | -13\% | 206 | 5\% | 4725 | 4090 | 4949 | -635 | -13\% | 224 | 5\% |
| 15750 | 3959 | 3424 | 4146 | -535 | -14\% | 187 | 5\% | 4355 | 3766 | 4560 | -588 | -14\% | 206 | 5\% | 4733 | 4094 | 4957 | -639 | -14\% | 224 | 5\% |
| 15800 | 3965 | 3427 | 4152 | -538 | -14\% | 187 | 5\% | 4362 | 3770 | 4568 | -592 | -14\% | 206 | 5\% | 4741 | 4098 | 4965 | -643 | -14\% | 224 | 5\% |
| 15850 | 3972 | 3430 | 4159 | -542 | -14\% | 187 | 5\% | 4369 | 3773 | 4575 | -596 | -14\% | 206 | 5\% | 4749 | 4102 | 4973 | -648 | -14\% | 223 | 5\% |
| 15900 | 3979 | 3434 | 4165 | -545 | -14\% | 187 | 5\% | 4377 | 3777 | 4582 | -600 | -14\% | 205 | 5\% | 4757 | 4106 | 4981 | -652 | -14\% | 223 | \% |
| 15950 | 3986 | 3437 | 4172 | -549 | -14\% | 186 | 5\% | 4384 | 3781 | 4589 | -604 | -14\% | 205 | 5\% | 4765 | 4109 | 4988 | -656 | -14\% | 223 | 5\% |
| 16000 | 3992 | 3440 | 4179 | -552 | -14\% | 186 | 5\% | 4391 | 3784 | 4596 | -607 | -14\% | 205 | 5\% | 4773 | 4113 | 4996 | -660 | -14\% | 223 | 5\% |
| 16050 | 3999 | 3443 | 4185 | -556 | -14\% | 186 | 5\% | 4399 | 3788 | 4604 | -611 | -14\% | 205 | 5\% | 4782 | 4117 | 5004 | -664 | -14\% | 223 | 5\% |
| 16100 | 4006 | 3446 | 4192 | -559 | -14\% | 186 | 5\% | 4406 | 3791 | 4611 | -615 | -14\% | 205 | 5\% | 4790 | 4121 | 5012 | -669 | -14\% | 222 | 5\% |
| 16150 | 4012 | 3450 | 4198 | -563 | -14\% | 186 | 5\% | 4414 | 3795 | 4618 | -619 | -14\% | 204 | 5\% | 4798 | 4125 | 5020 | -673 | -14\% | 222 | 5\% |
| 16200 | 4019 | 3453 | 4205 | -566 | -14\% | 186 | 5\% | 4421 | 3798 | 4625 | -623 | -14\% | 204 | 5\% | 4806 | 4129 | 5027 | -677 | -14\% | 222 | 5\% |
| 16250 | 4026 | 3456 | 4211 | -570 | -14\% | 185 | 5\% | 4428 | 3802 | 4632 | -627 | -14\% | 204 | 5\% | 4814 | 4132 | 5035 | -681 | -14\% | 222 | 5\% |
| 16300 | 4032 | 3459 | 4218 | -573 | -14\% | 185 | 5\% | 4436 | 3805 | 4639 | -630 | -14\% | 204 | 5\% | 4822 | 4136 | 5043 | -685 | -14\% | 221 | 5\% |
| 16350 | 4039 | 3463 | 4224 | -577 | -14\% | 185 | 5\% | 4443 | 3809 | 4647 | -634 | -14\% | 204 | 5\% | 4830 | 4140 | 5051 | -690 | -14\% | 221 | 5\% |
| 16400 | 4046 | 3466 | 4231 | -580 | -14\% | 185 | 5\% | 4450 | 3812 | 4654 | -638 | -14\% | 203 | 5\% | 4838 | 4144 | 5059 | -694 | -14\% | 221 | 5\% |
| 16450 | 4053 | 3469 | 4237 | -584 | -14\% | 185 | 5\% | 4458 | 3816 | 4661 | -642 | -14\% | 203 | 5\% | 4846 | 4148 | 5066 | -698 | -14\% | 221 | 5\% |
| 16500 | 4059 | 3472 | 4244 | -587 | -14\% | 184 | 5\% | 4465 | 3819 | 4668 | -646 | -14\% | 203 | 5\% | 4854 | 4152 | 5074 | -702 | -14\% | 221 | 5\% |
| 16550 | 4066 | 3475 | 4250 | -591 | -15\% | 184 | 5\% | 4473 | 3823 | 4675 | -650 | -15\% | 203 | 5\% | 4862 | 4155 | 5082 | -706 | -15\% | 220 | 5\% |
| 16600 | 4073 | 3479 | 4257 | -594 | -15\% | 184 | 5\% | 4480 | 3826 | 4682 | -654 | -15\% | 202 | 5\% | 4870 | 4159 | 5090 | -710 | -15\% | 220 | 5\% |
| 16650 | 4079 | 3482 | 4263 | -598 | -15\% | 184 | 5\% | 4487 | 3830 | 4690 | -657 | -15\% | 202 | 5\% | 4878 | 4163 | 5098 | -715 | -15\% | 220 | 5\% |
| 16700 | 4086 | 3485 | 4270 | -601 | -15\% | 184 | 4\% | 4495 | 3833 | 4697 | -661 | -15\% | 202 | 4\% | 4886 | 4167 | 5105 | -719 | -15\% | 220 | 4\% |
| 16750 | 4093 | 3491 | 4276 | -602 | -15\% | 184 | 4\% | 4502 | 3840 | 4704 | -662 | -15\% | 202 | 4\% | 4894 | 4174 | 5113 | -720 | -15\% | 219 | 4\% |
| 16800 | 4100 | 3499 | 4283 | -600 | -15\% | 183 | 4\% | 4510 | 3849 | 4711 | -661 | -15\% | 202 | 4\% | 4902 | 4184 | 5121 | -718 | -15\% | 219 | 4\% |
| 16850 | 4106 | 3508 | 4289 | -599 | -15\% | 183 | 4\% | 4517 | 3858 | 4718 | -659 | -15\% | 201 | 4\% | 4910 | 4194 | 5129 | -716 | -15\% | 219 | 4\% |
| 16900 | 4113 | 3516 | 4296 | -597 | -15\% | 183 | 4\% | 4524 | 3868 | 4726 | -657 | -15\% | 201 | 4\% | 4918 | 4204 | 5137 | -714 | -15\% | 219 | 4\% |
| 16950 | 4120 | 3525 | 4302 | -595 | -14\% | 183 | 4\% | 4532 | 3877 | 4733 | -655 | -14\% | 201 | 4\% | 4926 | 4214 | 5144 | -712 | -14\% | 219 | 4\% |
| 17000 | 4126 | 3533 | 4309 | -593 | -14\% | 183 | 4\% | 4539 | 3886 | 4740 | -653 | -14\% | 201 | 4\% | 4934 | 4224 | 5152 | -709 | -14\% | 218 | 4\% |
| 17050 | 4133 | 3542 | 4316 | -592 | -14\% | 182 | 4\% | 4546 | 3896 | 4747 | -651 | -14\% | 201 | 4\% | 4942 | 4235 | 5160 | -707 | -14\% | 218 | 4\% |
| 17100 | 4140 | 3550 | 4322 | -590 | -14\% | 182 | 4\% | 4554 | 3905 | 4754 | -649 | -14\% | 200 | 4\% | 4950 | 4245 | 5168 | -705 | -14\% | 218 | 4\% |
| 17150 | 4147 | 3558 | 4329 | -588 | -14\% | 182 | 4\% | 4561 | 3914 | 4761 | -647 | -14\% | 200 | 4\% | 4958 | 4255 | 5176 | -703 | -14\% | 218 | 4\% |
| 17200 | 4153 | 3567 | 4335 | -586 | -14\% | 182 | 4\% | 4569 | 3924 | 4769 | -645 | -14\% | 200 | 4\% | 4966 | 4265 | 5184 | -701 | -14\% | 217 | 4\% |
| 17250 | 4160 | 3575 | 4342 | -584 | -14\% | 182 | 4\% | 4576 | 3933 | 4776 | -643 | -14\% | 200 | 4\% | 4974 | 4275 | 5191 | -699 | -14\% | 217 | 4\% |
| 17300 | 4167 | 3584 | 4348 | -583 | -14\% | 182 | 4\% | 4583 | 3942 | 4783 | -641 | -14\% | 200 | 4\% | 4982 | 4285 | 5199 | -697 | -14\% | 217 | 4\% |
| 17350 | 4173 | 3592 | 4355 | -581 | -14\% | 181 | 4\% | 4591 | 3952 | 4790 | -639 | -14\% | 199 | 4\% | 4990 | 4295 | 5207 | -695 | -14\% | 217 | 4\% |
| 17400 | 4180 | 3601 | 4361 | -579 | -14\% | 181 | 4\% | 4598 | 3961 | 4797 | -637 | -14\% | 199 | 4\% | 4998 | 4306 | 5215 | -693 | -14\% | 217 | 4\% |
| 17450 | 4187 | 3609 | 4368 | -577 | -14\% | 181 | 4\% | 4605 | 3970 | 4805 | -635 | -14\% | 199 | 4\% | 5006 | 4316 | 5223 | -690 | -14\% | 216 | 4\% |
| 17500 | 4193 | 3618 | 4374 | -576 | -14\% | 181 | 4\% | 4613 | 3980 | 4812 | -633 | -14\% | 199 | 4\% | 5014 | 4326 | 5230 | -688 | -14\% | 216 | 4\% |
| 17550 | 4200 | 3626 | 4381 | -574 | -14\% | 181 | 4\% | 4620 | 3989 | 4819 | -631 | -14\% | 199 | 4\% | 5022 | 4336 | 5238 | -686 | -14\% | 216 | 4\% |
| 17600 | 4207 | 3635 | 4387 | -572 | -14\% | 180 | 4\% | 4628 | 3998 | 4826 | -629 | -14\% | 198 | 4\% | 5030 | 4346 | 5246 | -684 | -14\% | 216 | 4\% |
| 17650 | 4214 | 3643 | 4394 | -570 | -14\% | 180 | 4\% | 4635 | 4008 | 4833 | -627 | -14\% | 198 | 4\% | 5038 | 4356 | 5254 | -682 | -14\% | 216 | 4\% |
| 17700 | 4220 | 3652 | 4400 | -569 | -13\% | 180 | 4\% | 4642 | 4017 | 4840 | -625 | -13\% | 198 | 4\% | 5046 | 4366 | 5262 | -680 | -13\% | 215 | 4\% |

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \stackrel{\infty}{\hbar} \\ & \stackrel{H}{\underset{x}{x}} \end{aligned}$ |  |  |  |  |  |  |  | $\begin{aligned} & \bar{n} \\ & \stackrel{n}{\infty} \\ & \stackrel{\pi}{4} \\ & \stackrel{0}{0} \\ & \frac{0}{0} \\ & 0 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| 17750 | 4227 | 3660 | 4407 | -567 | -13\% | 180 | 4\% | 4650 | 4026 | 4848 | -623 | -13\% | 198 | 4\% | 5054 | 4377 | 5269 | -678 | -13\% | 215 | 4\% |
| 17800 | 4234 | 3669 | 4413 | -565 | -13\% | 180 | 4\% | 4657 | 4036 | 4855 | -621 | -13\% | 198 | 4\% | 5062 | 4387 | 5277 | -676 | -13\% | 215 | 4\% |
| 17850 | 4240 | 3677 | 4420 | -563 | -13\% | 179 | 4\% | 4665 | 4045 | 4862 | -619 | -13\% | 197 | 4\% | 5070 | 4397 | 5285 | -673 | -13\% | 215 | 4\% |
| 17900 | 4247 | 3686 | 4426 | -561 | -13\% | 179 | 4\% | 4672 | 4054 | 4869 | -618 | -13\% | 197 | 4\% | 5078 | 4407 | 5293 | -671 | -13\% | 214 | 4\% |
| 17950 | 4254 | 3694 | 4433 | -560 | -13\% | 179 | 4\% | 4679 | 4064 | 4876 | -616 | -13\% | 197 | 4\% | 5086 | 4417 | 5301 | -669 | -13\% | 214 | 4\% |
| 18000 | 4261 | 3703 | 4440 | -558 | -13\% | 179 | 4\% | 4687 | 4073 | 4883 | -614 | -13\% | 197 | 4\% | 5094 | 4427 | 5308 | -667 | -13\% | 214 | 4\% |
| 18050 | 4267 | 3711 | 4446 | -556 | -13\% | 179 | 4\% | 4694 | 4082 | 4891 | -612 | -13\% | 197 | 4\% | 5102 | 4438 | 5316 | -665 | -13\% | 214 | 4\% |
| 18100 | 4274 | 3720 | 4453 | -554 | -13\% | 179 | 4\% | 4701 | 4092 | 4898 | -610 | -13\% | 196 | 4\% | 5110 | 4448 | 5324 | -663 | -13\% | 214 | 4\% |
| 18150 | 4281 | 3728 | 4459 | -553 | -13\% | 178 | 4\% | 4709 | 4101 | 4905 | -608 | -13\% | 196 | 4\% | 5118 | 4458 | 5332 | -661 | -13\% | 213 | 4\% |
| 18200 | 4287 | 3737 | 4466 | -551 | -13\% | 178 | 4\% | 4716 | 4110 | 4912 | -606 | -13\% | 196 | 4\% | 5126 | 4468 | 5340 | -659 | -13\% | 213 | 4\% |
| 18250 | 4294 | 3745 | 4472 | -549 | -13\% | 178 | 4\% | 4724 | 4120 | 4919 | -604 | -13\% | 196 | 4\% | 5135 | 4478 | 5347 | -656 | -13\% | 213 | 4\% |
| 18300 | 4301 | 3754 | 4479 | -547 | -13\% | 178 | 4\% | 4731 | 4129 | 4927 | -602 | -13\% | 196 | 4\% | 5143 | 4488 | 5355 | -654 | -13\% | 213 | 4\% |
| 18350 | 4308 | 3762 | 4485 | -545 | -13\% | 178 | 4\% | 4738 | 4138 | 4934 | -600 | -13\% | 195 | 4\% | 5151 | 4498 | 5363 | -652 | -13\% | 212 | 4\% |
| 18400 | 4314 | 3771 | 4492 | -544 | -13\% | 177 | 4\% | 4746 | 4148 | 4941 | -598 | -13\% | 195 | 4\% | 5159 | 4509 | 5371 | -650 | -13\% | 212 | 4\% |
| 18450 | 4321 | 3779 | 4498 | -542 | -13\% | 177 | 4\% | 4753 | 4157 | 4948 | -596 | -13\% | 195 | 4\% | 5167 | 4519 | 5379 | -648 | -13\% | 212 | 4\% |
| 18500 | 4328 | 3788 | 4505 | -540 | -12\% | 177 | 4\% | 4760 | 4166 | 4955 | -594 | -12\% | 195 | 4\% | 5175 | 4529 | 5386 | -646 | -12\% | 212 | 4\% |
| 18550 | 4334 | 3796 | 4511 | -538 | -12\% | 177 | 4\% | 4768 | 4176 | 4962 | -592 | -12\% | 195 | 4\% | 5183 | 4539 | 5394 | -644 | -12\% | 212 | 4\% |
| 18600 | 4341 | 3805 | 4518 | -537 | -12\% | 177 | 4\% | 4775 | 4185 | 4970 | -590 | -12\% | 194 | 4\% | 5191 | 4549 | 5402 | -642 | -12\% | 211 | 4\% |
| 18650 | 4348 | 3813 | 4524 | -535 | -12\% | 177 | 4\% | 4783 | 4194 | 4977 | -588 | -12\% | 194 | 4\% | 5199 | 4559 | 5410 | -639 | -12\% | 211 | 4\% |
| 18700 | 4355 | 3822 | 4531 | -533 | -12\% | 176 | 4\% | 4790 | 4204 | 4984 | -586 | -12\% | 194 | 4\% | 5207 | 4569 | 5418 | -637 | -12\% | 211 | 4\% |
| 18750 | 4361 | 3830 | 4537 | -531 | -12\% | 176 | 4\% | 4797 | 4213 | 4991 | -584 | -12\% | 194 | 4\% | 5215 | 4580 | 5425 | -635 | -12\% | 211 | 4\% |
| 18800 | 4368 | 3838 | 4544 | -529 | -12\% | 176 | 4\% | 4805 | 4222 | 4998 | -582 | -12\% | 194 | 4\% | 5223 | 4590 | 5433 | -633 | -12\% | 210 | 4\% |
| 18850 | 4375 | 3847 | 4550 | -528 | -12\% | 176 | 4\% | 4812 | 4232 | 5006 | -580 | -12\% | 193 | 4\% | 5231 | 4600 | 5441 | -631 | -12\% | 210 | 4\% |
| 18900 | 4381 | 3855 | 4557 | -526 | -12\% | 176 | 4\% | 4820 | 4241 | 5013 | -578 | -12\% | 193 | 4\% | 5239 | 4610 | 5449 | -629 | -12\% | 210 | 4\% |
| 18950 | 4388 | 3864 | 4564 | -524 | -12\% | 175 | 4\% | 4827 | 4250 | 5020 | -577 | -12\% | 193 | 4\% | 5247 | 4620 | 5457 | -627 | -12\% | 210 | 4\% |
| 19000 | 4395 | 3872 | 4570 | -522 | -12\% | 175 | 4\% | 4834 | 4260 | 5027 | -575 | -12\% | 193 | 4\% | 5255 | 4630 | 5464 | -625 | -12\% | 210 | 4\% |
| 19050 | 4401 | 3881 | 4577 | -521 | -12\% | 175 | 4\% | 4842 | 4269 | 5034 | -573 | -12\% | 193 | 4\% | 5263 | 4640 | 5472 | -622 | -12\% | 209 | 4\% |
| 19100 | 4408 | 3889 | 4583 | -519 | -12\% | 175 | 4\% | 4849 | 4278 | 5041 | -571 | -12\% | 192 | 4\% | 5271 | 4650 | 5480 | -621 | -12\% | 209 | 4\% |
| 19150 | 4415 | 3897 | 4590 | -518 | -12\% | 175 | 4\% | 4856 | 4287 | 5049 | -569 | -12\% | 192 | 4\% | 5279 | 4660 | 5488 | -619 | -12\% | 209 | 4\% |
| 19200 | 4422 | 3905 | 4596 | -516 | -12\% | 175 | 4\% | 4864 | 4296 | 5056 | -568 | -12\% | 192 | 4\% | 5287 | 4670 | 5496 | -617 | -12\% | 209 | 4\% |
| 19250 | 4428 | 3913 | 4603 | -515 | -12\% | 174 | 4\% | 4871 | 4305 | 5063 | -567 | -12\% | 192 | 4\% | 5295 | 4679 | 5503 | -616 | -12\% | 208 | 4\% |
| 19300 | 4435 | 3919 | 4609 | -516 | -12\% | 174 | 4\% | 4879 | 4311 | 5070 | -568 | -12\% | 192 | 4\% | 5303 | 4686 | 5511 | -617 | -12\% | 208 | 4\% |
| 19350 | 4442 | 3924 | 4616 | -518 | -12\% | 174 | 4\% | 4886 | 4316 | 5077 | -570 | -12\% | 191 | 4\% | 5311 | 4691 | 5519 | -620 | -12\% | 208 | 4\% |
| 19400 | 4448 | 3929 | 4622 | -520 | -12\% | 174 | 4\% | 4893 | 4321 | 5084 | -572 | -12\% | 191 | 4\% | 5319 | 4697 | 5527 | -622 | -12\% | 208 | 4\% |
| 19450 | 4455 | 3934 | 4629 | -522 | -12\% | 174 | 4\% | 4901 | 4327 | 5092 | -574 | -12\% | 191 | 4\% | 5327 | 4703 | 5535 | -624 | -12\% | 208 | 4\% |
| 19500 | 4462 | 3938 | 4635 | -523 | -12\% | 173 | 4\% | 4908 | 4332 | 5099 | -576 | -12\% | 191 | 4\% | 5335 | 4709 | 5542 | -626 | -12\% | 207 | 4\% |
| 19550 | 4469 | 3943 | 4642 | -525 | -12\% | 173 | 4\% | 4915 | 4338 | 5106 | -578 | -12\% | 191 | 4\% | 5343 | 4715 | 5550 | -628 | -12\% | 207 | 4\% |
| 19600 | 4475 | 3948 | 4648 | -527 | -12\% | 173 | 4\% | 4923 | 4343 | 5113 | -580 | -12\% | 190 | 4\% | 5351 | 4721 | 5558 | -630 | -12\% | 207 | 4\% |
| 19650 | 4482 | 3953 | 4655 | -529 | -12\% | 173 | 4\% | 4930 | 4349 | 5120 | -582 | -12\% | 190 | 4\% | 5359 | 4727 | 5566 | -632 | -12\% | 207 | 4\% |
| 19700 | 4489 | 3958 | 4661 | -530 | -12\% | 173 | 4\% | 4938 | 4354 | 5128 | -583 | -12\% | 190 | 4\% | 5367 | 4733 | 5574 | -634 | -12\% | 206 | 4\% |
| 19750 | 4495 | 3963 | 4668 | -532 | -12\% | 173 | 4\% | 4945 | 4360 | 5135 | -585 | -12\% | 190 | 4\% | 5375 | 4739 | 5581 | -636 | -12\% | 206 | 4\% |
| 19800 | 4502 | 3968 | 4674 | -534 | -12\% | 172 | 4\% | 4952 | 4365 | 5142 | -587 | -12\% | 190 | 4\% | 5383 | 4745 | 5589 | -638 | -12\% | 206 | 4\% |
| 19850 | 4509 | 3973 | 4681 | -536 | -12\% | 172 | 4\% | 4960 | 4371 | 5149 | -589 | -12\% | 189 | 4\% | 5391 | 4751 | 5597 | -640 | -12\% | 206 | 4\% |
| 19900 | 4516 | 3978 | 4688 | -537 | -12\% | 172 | 4\% | 4967 | 4376 | 5156 | -591 | -12\% | 189 | 4\% | 5399 | 4757 | 5605 | -643 | -12\% | 206 | 4\% |
| 19950 | 4522 | 3983 | 4694 | -539 | -12\% | 172 | 4\% | 4974 | 4381 | 5163 | -593 | -12\% | 189 | 4\% | 5407 | 4763 | 5613 | -645 | -12\% | 205 | 4\% |
| 20000 | 4529 | 3988 | 4701 | -541 | -12\% | 172 | 4\% | 4982 | 4387 | 5171 | -595 | -12\% | 189 | 4\% | 5415 | 4769 | 5620 | -647 | -12\% | 205 | 4\% |
| 20050 | 4536 | 3993 | 4707 | -543 | -12\% | 171 | 4\% | 4989 | 4392 | 5178 | -597 | -12\% | 189 | 4\% | 5423 | 4774 | 5628 | -649 | -12\% | 205 | 4\% |
| 20100 | 4542 | 3998 | 4714 | -544 | -12\% | 171 | 4\% | 4997 | 4398 | 5185 | -599 | -12\% | 188 | 4\% | 5431 | 4780 | 5636 | -651 | -12\% | 205 | 4\% |
| 20150 | 4549 | 4003 | 4720 | -546 | -12\% | 171 | 4\% | 5004 | 4403 | 5192 | -601 | -12\% | 188 | 4\% | 5439 | 4786 | 5644 | -653 | -12\% | 205 | 4\% |
| 20200 | 4556 | 4008 | 4727 | -548 | -12\% | 171 | 4\% | 5011 | 4409 | 5199 | -603 | -12\% | 188 | 4\% | 5447 | 4792 | 5652 | -655 | -12\% | 204 | 4\% |
| 20250 | 4563 | 4013 | 4733 | -550 | -12\% | 171 | 4\% | 5019 | 4414 | 5207 | -605 | -12\% | 188 | 4\% | 5455 | 4798 | 5659 | -657 | -12\% | 204 | 4\% |
| 20300 | 4569 | 4018 | 4740 | -551 | -12\% | 170 | 4\% | 5026 | 4420 | 5214 | -607 | -12\% | 188 | 4\% | 5463 | 4804 | 5667 | -659 | -12\% | 204 | 4\% |
| 20350 | 4576 | 4023 | 4746 | -553 | -12\% | 170 | 4\% | 5034 | 4425 | 5221 | -609 | -12\% | 187 | 4\% | 5471 | 4810 | 5675 | -661 | -12\% | 204 | 4\% |
| 20400 | 4583 | 4028 | 4753 | -555 | -12\% | 170 | 4\% | 5041 | 4430 | 5228 | -610 | -12\% | 187 | 4\% | 5479 | 4816 | 5683 | -664 | -12\% | 203 | 4\% |
| 20450 | 4589 | 4033 | 4759 | -557 | -12\% | 170 | 4\% | 5048 | 4436 | 5235 | -612 | -12\% | 187 | 4\% | 5488 | 4822 | 5691 | -666 | -12\% | 203 | 4\% |

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | $\begin{aligned} & \frac{\pi}{n} \\ & \stackrel{0}{\infty} \\ & \frac{\pi}{c} \\ & \stackrel{0}{N} \\ & \frac{\pi}{0} \\ & 0 \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| 20500 | 4596 | 4038 | 4766 | -558 | -12\% | 170 | 4\% | 5056 | 4441 | 5242 | -614 | -12\% | 187 | 4\% | 5496 | 4828 | 5698 | -668 | -12\% | 203 | 4\% |
| 20550 | 4603 | 4043 | 4772 | -560 | -12\% | 170 | 4\% | 5063 | 4447 | 5250 | -616 | -12\% | 187 | 4\% | 5504 | 4834 | 5706 | -670 | -12\% | 203 | 4\% |
| 20600 | 4609 | 4048 | 4779 | -562 | -12\% | 169 | 4\% | 5070 | 4452 | 5257 | -618 | -12\% | 186 | 4\% | 5512 | 4840 | 5714 | -672 | -12\% | 203 | 4\% |
| 20650 | 4616 | 4052 | 4785 | -564 | -12\% | 169 | 4\% | 5078 | 4458 | 5264 | -620 | -12\% | 186 | 4\% | 5520 | 4846 | 5722 | -674 | -12\% | 202 | 4\% |
| 20700 | 4623 | 4057 | 4792 | -565 | -12\% | 169 | 4\% | 5085 | 4463 | 5271 | -622 | -12\% | 186 | 4\% | 5528 | 4851 | 5730 | -676 | -12\% | 202 | 4\% |
| 20750 | 4630 | 4062 | 4798 | -567 | -12\% | 169 | 4\% | 5093 | 4469 | 5278 | -624 | -12\% | 186 | 4\% | 5536 | 4857 | 5738 | -678 | -12\% | 202 | 4\% |
| 20800 | 4636 | 4067 | 4805 | -569 | -12\% | 169 | 4\% | 5100 | 4474 | 5285 | -626 | -12\% | 186 | 4\% | 5544 | 4863 | 5745 | -680 | -12\% | 202 | 4\% |
| 20850 | 4643 | 4072 | 4812 | -571 | -12\% | 168 | 4\% | 5107 | 4480 | 5293 | -628 | -12\% | 185 | 4\% | 5552 | 4869 | 5753 | -682 | -12\% | 201 | 4\% |
| 20900 | 4650 | 4077 | 4818 | -572 | -12\% | 168 | 4\% | 5115 | 4485 | 5300 | -630 | -12\% | 185 | 4\% | 5560 | 4875 | 5761 | -685 | -12\% | 201 | 4\% |
| 20950 | 4656 | 4082 | 4825 | -574 | -12\% | 168 | 4\% | 5122 | 4490 | 5307 | -632 | -12\% | 185 | 4\% | 5568 | 4881 | 5769 | -687 | -12\% | 201 | 4\% |
| 21000 | 4663 | 4087 | 4831 | -576 | -12\% | 168 | 4\% | 5129 | 4496 | 5314 | -634 | -12\% | 185 | 4\% | 5576 | 4887 | 5777 | -689 | -12\% | 201 | 4\% |
| 21050 | 4670 | 4092 | 4838 | -578 | -12\% | 168 | 4\% | 5137 | 4501 | 5321 | -636 | -12\% | 185 | 4\% | 5584 | 4893 | 5784 | -691 | -12\% | 201 | 4\% |
| 21100 | 4677 | 4097 | 4844 | -579 | -12\% | 168 | 4\% | 5144 | 4507 | 5329 | -637 | -12\% | 184 | 4\% | 5592 | 4899 | 5792 | -693 | -12\% | 200 | 4\% |
| 21150 | 4683 | 4102 | 4851 | -581 | -12\% | 167 | 4\% | 5152 | 4512 | 5336 | -639 | -12\% | 184 | 4\% | 5600 | 4905 | 5800 | -695 | -12\% | 200 | 4\% |
| 21200 | 4690 | 4107 | 4857 | -583 | -12\% | 167 | 4\% | 5159 | 4518 | 5343 | -641 | -12\% | 184 | 4\% | 5608 | 4911 | 5808 | -697 | -12\% | 200 | 4\% |
| 21250 | 4697 | 4112 | 4864 | -585 | -12\% | 167 | 4\% | 5166 | 4523 | 5350 | -643 | -12\% | 184 | 4\% | 5616 | 4917 | 5816 | -699 | -12\% | 200 | 4\% |
| 21300 | 4703 | 4117 | 4870 | -586 | -12\% | 167 | 4\% | 5174 | 4529 | 5357 | -645 | -12\% | 183 | 4\% | 5624 | 4923 | 5823 | -701 | -12\% | 199 | 4\% |
| 21350 | 4710 | 4122 | 4877 | -588 | -12\% | 167 | 4\% | 5181 | 4534 | 5364 | -647 | -12\% | 183 | 4\% | 5632 | 4929 | 5831 | -703 | -12\% | 199 | 4\% |
| 21400 | 4717 | 4127 | 4883 | -590 | -13\% | 166 | 4\% | 5189 | 4540 | 5372 | -649 | -13\% | 183 | 4\% | 5640 | 4934 | 5839 | -705 | -13\% | 199 | 4\% |
| 21450 | 4724 | 4132 | 4890 | -592 | -13\% | 166 | 4\% | 5196 | 4545 | 5379 | -651 | -13\% | 183 | 4\% | 5648 | 4940 | 5847 | -708 | -13\% | 199 | 4\% |
| 21500 | 4730 | 4137 | 4896 | -594 | -13\% | 166 | 4\% | 5203 | 4550 | 5386 | -653 | -13\% | 183 | 4\% | 5656 | 4946 | 5855 | -710 | -13\% | 199 | 4\% |
| 21550 | 4737 | 4142 | 4903 | -595 | -13\% | 166 | 4\% | 5211 | 4556 | 5393 | -655 | -13\% | 182 | 4\% | 5664 | 4952 | 5862 | -712 | -13\% | 198 | 4\% |
| 21600 | 4744 | 4147 | 4909 | -597 | -13\% | 166 | 3\% | 5218 | 4561 | 5400 | -657 | -13\% | 182 | 3\% | 5672 | 4958 | 5870 | -714 | -13\% | 198 | 3\% |
| 21650 | 4750 | 4152 | 4916 | -599 | -13\% | 166 | 3\% | 5225 | 4567 | 5408 | -659 | -13\% | 182 | 3\% | 5680 | 4964 | 5878 | -716 | -13\% | 198 | 3\% |
| 21700 | 4757 | 4157 | 4922 | -601 | -13\% | 165 | 3\% | 5233 | 4572 | 5415 | -661 | -13\% | 182 | 3\% | 5688 | 4970 | 5886 | -718 | -13\% | 198 | 3\% |
| 21750 | 4764 | 4162 | 4929 | -602 | -13\% | 165 | 3\% | 5240 | 4578 | 5422 | -662 | -13\% | 182 | 3\% | 5696 | 4976 | 5894 | -720 | -13\% | 197 | 3\% |
| 21800 | 4771 | 4166 | 4935 | -604 | -13\% | 165 | 3\% | 5248 | 4583 | 5429 | -664 | -13\% | 181 | 3\% | 5704 | 4982 | 5901 | -722 | -13\% | 197 | 3\% |
| 21850 | 4777 | 4171 | 4942 | -606 | -13\% | 165 | 3\% | 5255 | 4589 | 5436 | -666 | -13\% | 181 | 3\% | 5712 | 4988 | 5909 | -724 | -13\% | 197 | 3\% |
| 21900 | 4784 | 4176 | 4949 | -608 | -13\% | 165 | 3\% | 5262 | 4594 | 5443 | -668 | -13\% | 181 | 3\% | 5720 | 4994 | 5917 | -726 | -13\% | 197 | 3\% |
| 21950 | 4791 | 4181 | 4955 | -609 | -13\% | 164 | 3\% | 5270 | 4600 | 5451 | -670 | -13\% | 181 | 3\% | 5728 | 5000 | 5925 | -729 | -13\% | 197 | 3\% |
| 22000 | 4797 | 4186 | 4962 | -611 | -13\% | 164 | 3\% | 5277 | 4605 | 5458 | -672 | -13\% | 181 | 3\% | 5736 | 5006 | 5933 | -731 | -13\% | 196 | 3\% |
| 22050 | 4804 | 4191 | 4968 | -613 | -13\% | 164 | 3\% | 5284 | 4610 | 5465 | -674 | -13\% | 180 | 3\% | 5744 | 5012 | 5940 | -733 | -13\% | 196 | 3\% |
| 22100 | 4811 | 4196 | 4975 | -615 | -13\% | 164 | 3\% | 5292 | 4616 | 5472 | -676 | -13\% | 180 | 3\% | 5752 | 5017 | 5948 | -735 | -13\% | 196 | 3\% |
| 22150 | 4817 | 4201 | 4981 | -616 | -13\% | 164 | 3\% | 5299 | 4621 | 5479 | -678 | -13\% | 180 | 3\% | 5760 | 5023 | 5956 | -737 | -13\% | 196 | 3\% |
| 22200 | 4824 | 4206 | 4988 | -618 | -13\% | 164 | 3\% | 5307 | 4627 | 5486 | -680 | -13\% | 180 | 3\% | 5768 | 5029 | 5964 | -739 | -13\% | 195 | 3\% |
| 22250 | 4831 | 4211 | 4994 | -620 | -13\% | 163 | 3\% | 5314 | 4632 | 5494 | -682 | -13\% | 180 | 3\% | 5776 | 5035 | 5972 | -741 | -13\% | 195 | 3\% |
| 22300 | 4838 | 4216 | 5001 | -622 | -13\% | 163 | 3\% | 5321 | 4638 | 5501 | -684 | -13\% | 179 | 3\% | 5784 | 5041 | 5979 | -743 | -13\% | 195 | 3\% |
| 22350 | 4844 | 4221 | 5007 | -623 | -13\% | 163 | 3\% | 5329 | 4643 | 5508 | -686 | -13\% | 179 | 3\% | 5792 | 5047 | 5987 | -745 | -13\% | 195 | 3\% |
| 22400 | 4851 | 4226 | 5014 | -625 | -13\% | 163 | 3\% | 5336 | 4649 | 5515 | -688 | -13\% | 179 | 3\% | 5800 | 5053 | 5995 | -747 | -13\% | 195 | 3\% |
| 22450 | 4858 | 4231 | 5020 | -627 | -13\% | 163 | 3\% | 5344 | 4654 | 5522 | -689 | -13\% | 179 | 3\% | 5808 | 5059 | 6003 | -749 | -13\% | 194 | 3\% |
| 22500 | 4864 | 4236 | 5027 | -629 | -13\% | 162 | 3\% | 5351 | 4659 | 5530 | -691 | -13\% | 179 | 3\% | 5816 | 5065 | 6011 | -752 | -13\% | 194 | 3\% |
| 22550 | 4871 | 4241 | 5033 | -630 | -13\% | 162 | 3\% | 5358 | 4665 | 5537 | -693 | -13\% | 178 | 3\% | 5824 | 5071 | 6018 | -754 | -13\% | 194 | 3\% |
| 22600 | 4878 | 4246 | 5040 | -632 | -13\% | 162 | 3\% | 5366 | 4670 | 5544 | -695 | -13\% | 178 | 3\% | 5832 | 5077 | 6026 | -756 | -13\% | 194 | 3\% |
| 22650 | 4885 | 4251 | 5046 | -634 | -13\% | 162 | 3\% | 5373 | 4676 | 5551 | -697 | -13\% | 178 | 3\% | 5840 | 5083 | 6034 | -758 | -13\% | 194 | 3\% |
| 22700 | 4891 | 4256 | 5053 | -636 | -13\% | 162 | 3\% | 5380 | 4681 | 5558 | -699 | -13\% | 178 | 3\% | 5849 | 5089 | 6042 | -760 | -13\% | 193 | 3\% |
| 22750 | 4898 | 4261 | 5059 | -637 | -13\% | 161 | 3\% | 5388 | 4687 | 5565 | -701 | -13\% | 178 | 3\% | 5857 | 5094 | 6050 | -762 | -13\% | 193 | 3\% |
| 22800 | 4905 | 4266 | 5066 | -639 | -13\% | 161 | 3\% | 5395 | 4692 | 5573 | -703 | -13\% | 177 | 3\% | 5865 | 5100 | 6057 | -764 | -13\% | 193 | 3\% |
| 22850 | 4911 | 4272 | 5073 | -639 | -13\% | 161 | 3\% | 5403 | 4699 | 5580 | -703 | -13\% | 177 | 3\% | 5873 | 5108 | 6065 | -764 | -13\% | 193 | 3\% |
| 22900 | 4918 | 4280 | 5079 | -639 | -13\% | 161 | 3\% | 5410 | 4707 | 5587 | -702 | -13\% | 177 | 3\% | 5881 | 5117 | 6073 | -764 | -13\% | 192 | 3\% |
| 22950 | 4925 | 4287 | 5086 | -638 | -13\% | 161 | 3\% | 5417 | 4716 | 5594 | -702 | -13\% | 177 | 3\% | 5889 | 5126 | 6081 | -763 | -13\% | 192 | 3\% |
| 23000 | 4932 | 4294 | 5092 | -637 | -13\% | 161 | 3\% | 5425 | 4724 | 5601 | -701 | -13\% | 177 | 3\% | 5897 | 5135 | 6089 | -762 | -13\% | 192 | 3\% |
| 23050 | 4938 | 4302 | 5099 | -636 | -13\% | 160 | 3\% | 5432 | 4732 | 5609 | -700 | -13\% | 176 | 3\% | 5905 | 5144 | 6096 | -761 | -13\% | 192 | 3\% |
| 23100 | 4945 | 4309 | 5105 | -636 | -13\% | 160 | 3\% | 5439 | 4740 | 5616 | -699 | -13\% | 176 | 3\% | 5913 | 5153 | 6104 | -760 | -13\% | 192 | 3\% |
| 23150 | 4952 | 4317 | 5112 | -635 | -13\% | 160 | 3\% | 5447 | 4748 | 5623 | -698 | -13\% | 176 | 3\% | 5921 | 5162 | 6112 | -759 | -13\% | 191 | 3\% |
| 23200 | 4958 | 4324 | 5118 | -634 | -13\% | 160 | 3\% | 5454 | 4757 | 5630 | -698 | -13\% | 176 | 3\% | 5929 | 5170 | 6120 | -758 | -13\% | 191 | 3\% |

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23250 | 4965 | 4332 | 5125 | -633 | -13\% | 160 | 3\% | 5462 | 4765 | 5637 | -697 | -13\% | 176 | 3\% | 5937 | 5179 | 6128 | -757 | -13\% | 191 | 3\% |
| 23300 | 4972 | 4339 | 5131 | -633 | -13\% | 159 | 3\% | 5469 | 4773 | 5644 | -696 | -13\% | 175 | 3\% | 5945 | 5188 | 6135 | -757 | -13\% | 191 | 3\% |
| 23350 | 4979 | 4347 | 5138 | -632 | -13\% | 159 | 3\% | 5476 | 4781 | 5652 | -695 | -13\% | 175 | 3\% | 5953 | 5197 | 6143 | -756 | -13\% | 190 | 3\% |
| 23400 | 4985 | 4354 | 5144 | -631 | -13\% | 159 | 3\% | 5484 | 4789 | 5659 | -694 | -13\% | 175 | 3\% | 5961 | 5206 | 6151 | -755 | -13\% | 190 | \% |
| 23450 | 4992 | 4361 | 5151 | -631 | -13\% | 159 | 3\% | 5491 | 4798 | 5666 | -694 | -13\% | 175 | 3\% | 5969 | 5215 | 6159 | -754 | -13\% | 190 | 3\% |
| 23500 | 4999 | 4369 | 5157 | -630 | -13\% | 159 | 3\% | 5499 | 4806 | 5673 | -693 | -13\% | 175 | 3\% | 5977 | 5224 | 6167 | -753 | -13\% | 190 | 3\% |
| 23550 | 5005 | 4376 | 5164 | -629 | -13\% | 159 | 3\% | 5506 | 4814 | 5680 | -692 | -13\% | 174 | 3\% | 5985 | 5233 | 6174 | -752 | -13\% | 190 | 3\% |
| 23600 | 5012 | 4384 | 5170 | -628 | -13\% | 158 | 3\% | 5513 | 4822 | 5687 | -691 | -13\% | 174 | 3\% | 5993 | 5242 | 6182 | -751 | -13\% | 189 | 3\% |
| 23650 | 5019 | 4391 | 5177 | -628 | -13\% | 158 | 3\% | 5521 | 4830 | 5695 | -690 | -13\% | 174 | 3\% | 6001 | 5251 | 6190 | -750 | -13\% | 189 | 3\% |
| 23700 | 5025 | 4399 | 5183 | -627 | -12\% | 158 | 3\% | 5528 | 4839 | 5702 | -690 | -12\% | 174 | 3\% | 6009 | 5259 | 6198 | -749 | -12\% | 189 | 3\% |
| 23750 | 5032 | 4406 | 5190 | -626 | -12\% | 158 | 3\% | 5535 | 4847 | 5709 | -689 | -12\% | 174 | 3\% | 6017 | 5268 | 6206 | -749 | -12\% | 189 | 3\% |
| 23800 | 5039 | 4414 | 5197 | -625 | -12\% | 158 | 3\% | 5543 | 4855 | 5716 | -688 | -12\% | 173 | 3\% | 6025 | 5277 | 6213 | -748 | -12\% | 188 | 3\% |
| 23850 | 5046 | 4421 | 5203 | -625 | -12\% | 157 | 3\% | 5550 | 4863 | 5723 | -687 | -12\% | 173 | 3\% | 6033 | 5286 | 6221 | -747 | -12\% | 188 | 3\% |
| 23900 | 5052 | 4428 | 5210 | -624 | -12\% | 157 | 3\% | 5558 | 4871 | 5731 | -686 | -12\% | 173 | 3\% | 6041 | 5295 | 6229 | -746 | -12\% | 188 | 3\% |
| 23950 | 5059 | 4436 | 5216 | -623 | -12\% | 157 | 3\% | 5565 | 4879 | 5738 | -685 | -12\% | 173 | 3\% | 6049 | 5304 | 6237 | -745 | -12\% | 188 | 3\% |
| 24000 | 5066 | 4443 | 5223 | -622 | -12\% | 157 | 3\% | 5572 | 4888 | 5745 | -685 | -12\% | 173 | 3\% | 6057 | 5313 | 6245 | -744 | -12\% | 188 | 3\% |
| 24050 | 5072 | 4451 | 5229 | -622 | -12\% | 157 | 3\% | 5580 | 4896 | 5752 | -684 | -12\% | 172 | 3\% | 6065 | 5322 | 6252 | -743 | -12\% | 187 | 3\% |
| 24100 | 5079 | 4458 | 5236 | -621 | -12\% | 157 | 3\% | 5587 | 4904 | 5759 | -683 | -12\% | 172 | 3\% | 6073 | 5331 | 6260 | -742 | -12\% | 187 | 3\% |
| 24150 | 5086 | 4466 | 5242 | -620 | -12\% | 156 | 3\% | 5594 | 4912 | 5766 | -682 | -12\% | 172 | 3\% | 6081 | 5340 | 6268 | -742 | -12\% | 187 | 3\% |
| 24200 | 5093 | 4473 | 5249 | -619 | -12\% | 156 | 3\% | 5602 | 4920 | 5774 | -681 | -12\% | 172 | 3\% | 6089 | 5349 | 6276 | -741 | -12\% | 187 | 3\% |
| 24250 | 5099 | 4481 | 5255 | -619 | -12\% | 156 | 3\% | 5609 | 4929 | 5781 | -681 | -12\% | 172 | 3\% | 6097 | 5357 | 6284 | -740 | -12\% | 186 | 3\% |
| 24300 | 5106 | 4488 | 5262 | -618 | -12\% | 156 | 3\% | 5617 | 4937 | 5788 | -680 | -12\% | 171 | 3\% | 6105 | 5366 | 6292 | -739 | -12\% | 186 | 3\% |
| 24350 | 5113 | 4495 | 5268 | -617 | -12\% | 156 | 3\% | 5624 | 4945 | 5795 | -679 | -12\% | 171 | 3\% | 6113 | 5375 | 6299 | -738 | -12\% | 186 | 3\% |
| 24400 | 5119 | 4503 | 5275 | -617 | -12\% | 155 | 3\% | 5631 | 4953 | 5802 | -678 | -12\% | 171 | 3\% | 6121 | 5384 | 6307 | -737 | -12\% | 186 | 3\% |
| 24450 | 5126 | 4510 | 5281 | -616 | -12\% | 155 | 3\% | 5639 | 4961 | 5809 | -677 | -12\% | 171 | 3\% | 6129 | 5393 | 6315 | -736 | -12\% | 186 | 3\% |
| 24500 | 5133 | 4518 | 5288 | -615 | -12\% | 155 | 3\% | 5646 | 4970 | 5817 | -677 | -12\% | 171 | 3\% | 6137 | 5402 | 6323 | -735 | -12\% | 185 | 3\% |
| 24550 | 5140 | 4525 | 5294 | -614 | -12\% | 155 | 3\% | 5654 | 4978 | 5824 | -676 | -12\% | 170 | 3\% | 6145 | 5411 | 6331 | -735 | -12\% | 185 | 3\% |
| 24600 | 5146 | 4533 | 5301 | -614 | -12\% | 155 | 3\% | 5661 | 4986 | 5831 | -675 | -12\% | 170 | 3\% | 6153 | 5420 | 6338 | -734 | -12\% | 185 | 3\% |
| 24650 | 5153 | 4540 | 5307 | -613 | -12\% | 154 | 3\% | 5668 | 4994 | 5838 | -674 | -12\% | 170 | 3\% | 6161 | 5429 | 6346 | -733 | -12\% | 185 | 3\% |
| 24700 | 5160 | 4548 | 5314 | -612 | -12\% | 154 | 3\% | 5676 | 5002 | 5845 | -673 | -12\% | 170 | 3\% | 6169 | 5438 | 6354 | -732 | -12\% | 185 | 3\% |
| 24750 | 5166 | 4555 | 5321 | -611 | -12\% | 154 | 3\% | 5683 | 5011 | 5853 | -672 | -12\% | 170 | 3\% | 6177 | 5446 | 6362 | -731 | -12\% | 184 | 3\% |
| 24800 | 5173 | 4562 | 5327 | -611 | -12\% | 154 | 3\% | 5690 | 5019 | 5860 | -672 | -12\% | 169 | 3\% | 6185 | 5455 | 6370 | -730 | -12\% | 184 | 3\% |
| 24850 | 5180 | 4570 | 5334 | -610 | -12\% | 154 | 3\% | 5698 | 5027 | 5867 | -671 | -12\% | 169 | 3\% | 6193 | 5464 | 6377 | -729 | -12\% | 184 | 3\% |
| 24900 | 5187 | 4577 | 5340 | -609 | -12\% | 154 | 3\% | 5705 | 5035 | 5874 | -670 | -12\% | 169 | 3\% | 6202 | 5473 | 6385 | -728 | -12\% | 184 | 3\% |
| 24950 | 5193 | 4585 | 5347 | -608 | -12\% | 153 | 3\% | 5713 | 5043 | 5881 | -669 | -12\% | 169 | 3\% | 6210 | 5482 | 6393 | -727 | -12\% | 183 | 3\% |
| 25000 | 5200 | 4592 | 5353 | -608 | -12\% | 153 | 3\% | 5720 | 5051 | 5888 | -668 | -12\% | 169 | 3\% | 6218 | 5491 | 6401 | -727 | -12\% | 183 | 3\% |
| 25050 | 5207 | 4600 | 5360 | -607 | -12\% | 153 | 3\% | 5727 | 5060 | 5896 | -668 | -12\% | 168 | 3\% | 6226 | 5500 | 6409 | -726 | -12\% | 183 | 3\% |
| 25100 | 5213 | 4607 | 5366 | -606 | -12\% | 153 | 3\% | 5735 | 5068 | 5903 | -667 | -12\% | 168 | 3\% | 6234 | 5509 | 6416 | -725 | -12\% | 183 | 3\% |
| 25150 | 5220 | 4615 | 5373 | -605 | -12\% | 153 | 3\% | 5742 | 5076 | 5910 | -666 | -12\% | 168 | 3\% | 6242 | 5518 | 6424 | -724 | -12\% | 183 | 3\% |
| 25200 | 5227 | 4622 | 5379 | -605 | -12\% | 152 | 3\% | 5749 | 5084 | 5917 | -665 | -12\% | 168 | 3\% | 6250 | 5527 | 6432 | -723 | -12\% | 182 | 3\% |
| 25250 | 5233 | 4629 | 5386 | -604 | -12\% | 152 | 3\% | 5757 | 5092 | 5924 | -664 | -12\% | 168 | 3\% | 6258 | 5535 | 6440 | -722 | -12\% | 182 | 3\% |
| 25300 | 5240 | 4637 | 5392 | -603 | -12\% | 152 | 3\% | 5764 | 5101 | 5932 | -664 | -12\% | 167 | 3\% | 6266 | 5544 | 6448 | -721 | -12\% | 182 | 3\% |
| 25350 | 5247 | 4644 | 5399 | -603 | -11\% | 152 | 3\% | 5772 | 5109 | 5939 | -663 | -11\% | 167 | 3\% | 6274 | 5553 | 6455 | -720 | -11\% | 182 | 3\% |
| 25400 | 5254 | 4652 | 5405 | -602 | -11\% | 152 | 3\% | 5779 | 5117 | 5946 | -662 | -11\% | 167 | 3\% | 6282 | 5562 | 6463 | -720 | -11\% | 181 | 3\% |
| 25450 | 5260 | 4659 | 5412 | -601 | -11\% | 152 | 3\% | 5786 | 5125 | 5953 | -661 | -11\% | 167 | 3\% | 6290 | 5571 | 6471 | -719 | -11\% | 181 | 3\% |
| 25500 | 5267 | 4667 | 5418 | -600 | -11\% | 151 | 3\% | 5794 | 5133 | 5960 | -660 | -11\% | 167 | 3\% | 6298 | 5580 | 6479 | -718 | -11\% | 181 | 3\% |
| 25550 | 5274 | 4674 | 5425 | -600 | -11\% | 151 | 3\% | 5801 | 5142 | 5967 | -660 | -11\% | 166 | 3\% | 6306 | 5589 | 6487 | -717 | -11\% | 181 | 3\% |
| 25600 | 5280 | 4682 | 5431 | -599 | -11\% | 151 | 3\% | 5808 | 5150 | 5975 | -659 | -11\% | 166 | 3\% | 6314 | 5598 | 6494 | -716 | -11\% | 181 | 3\% |
| 25650 | 5287 | 4689 | 5438 | -598 | -11\% | 151 | 3\% | 5816 | 5158 | 5982 | -658 | -11\% | 166 | 3\% | 6322 | 5607 | 6502 | -715 | -11\% | 180 | 3\% |
| 25700 | 5294 | 4696 | 5445 | -598 | -11\% | 151 | 3\% | 5823 | 5166 | 5989 | -657 | -11\% | 166 | 3\% | 6330 | 5615 | 6510 | -714 | -11\% | 180 | 3\% |
| 25750 | 5301 | 4704 | 5451 | -597 | -11\% | 150 | 3\% | 5831 | 5174 | 5996 | -657 | -11\% | 165 | 3\% | 6338 | 5624 | 6518 | -714 | -11\% | 180 | 3\% |
| 25800 | 5307 | 4711 | 5458 | -596 | -11\% | 150 | 3\% | 5838 | 5182 | 6003 | -656 | -11\% | 165 | 3\% | 6346 | 5633 | 6526 | -713 | -11\% | 180 | 3\% |
| 25850 | 5314 | 4719 | 5464 | -595 | -11\% | 150 | 3\% | 5845 | 5190 | 6010 | -655 | -11\% | 165 | 3\% | 6354 | 5642 | 6533 | -712 | -11\% | 179 | 3\% |
| 25900 | 5321 | 4726 | 5471 | -595 | -11\% | 150 | 3\% | 5853 | 5199 | 6018 | -654 | -11\% | 165 | 3\% | 6362 | 5651 | 6541 | -711 | -11\% | 179 | 3\% |
| 25950 | 5327 | 4733 | 5477 | -594 | -11\% | 150 | 3\% | 5860 | 5207 | 6025 | -653 | -11\% | 165 | 3\% | 6370 | 5660 | 6549 | -710 | -11\% | 179 | 3\% |

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \stackrel{\infty}{4} \\ & \stackrel{0}{\hat{x}} \\ & \hline \end{aligned}$ |  |  |  |  |  |  |  | $\begin{aligned} & \frac{\pi}{n} \\ & \stackrel{0}{\infty} \\ & \frac{\pi}{c} \\ & \stackrel{0}{N} \\ & \frac{\pi}{0} \\ & 0 \end{aligned}$ |  |  |  |  |  | $\begin{aligned} & \stackrel{\infty}{\stackrel{\circ}{\#}} \\ & \stackrel{\rightharpoonup}{x} \end{aligned}$ |  |  |  |  |  |  |
| 26000 | 5334 | 4741 | 5484 | -593 | -11\% | 150 | 3\% | 5868 | 5215 | 6032 | -653 | -11\% | 164 | 3\% | 6378 | 5669 | 6557 | -709 | -11\% | 179 | 3\% |
| 26050 | 5341 | 4748 | 5490 | -593 | -11\% | 149 | 3\% | 5875 | 5223 | 6039 | -652 | -11\% | 164 | 3\% | 6386 | 5677 | 6565 | -709 | -11\% | 179 | 3\% |
| 26100 | 5348 | 4756 | 5497 | -592 | -11\% | 149 | 3\% | 5882 | 5231 | 6046 | -651 | -11\% | 164 | 3\% | 6394 | 5686 | 6572 | -708 | -11\% | 178 | 3\% |
| 26150 | 5354 | 4763 | 5503 | -591 | -11\% | 149 | 3\% | 5890 | 5239 | 6054 | -650 | -11\% | 164 | 3\% | 6402 | 5695 | 6580 | -707 | -11\% | 178 | 3\% |
| 26200 | 5361 | 4770 | 5510 | -591 | -11\% | 149 | 3\% | 5897 | 5248 | 6061 | -650 | -11\% | 164 | 3\% | 6410 | 5704 | 6588 | -706 | -11\% | 178 | 3\% |
| 26250 | 5368 | 4778 | 5516 | -590 | -11\% | 149 | 3\% | 5904 | 5256 | 6068 | -649 | -11\% | 163 | 3\% | 6418 | 5713 | 6596 | -705 | -11\% | 178 | 3\% |
| 26300 | 5374 | 4785 | 5523 | -589 | -11\% | 148 | 3\% | 5912 | 5264 | 6075 | -648 | -11\% | 163 | 3\% | 6426 | 5722 | 6604 | -704 | -11\% | 177 | 3\% |
| 26350 | 5381 | 4793 | 5529 | -588 | -11\% | 148 | 3\% | 5919 | 5272 | 6082 | -647 | -11\% | 163 | 3\% | 6434 | 5731 | 6611 | -704 | -11\% | 177 | 3\% |
| 26400 | 5388 | 4800 | 5536 | -588 | -11\% | 148 | 3\% | 5927 | 5280 | 6089 | -646 | -11\% | 163 | 3\% | 6442 | 5739 | 6619 | -703 | -11\% | 177 | 3\% |
| 26450 | 5395 | 4808 | 5542 | -587 | -11\% | 148 | 3\% | 5934 | 5288 | 6097 | -646 | -11\% | 163 | 3\% | 6450 | 5748 | 6627 | -702 | -11\% | 177 | 3\% |
| 26500 | 5401 | 4815 | 5549 | -586 | -11\% | 148 | 3\% | 5941 | 5296 | 6104 | -645 | -11\% | 162 | 3\% | 6458 | 5757 | 6635 | -701 | -11\% | 177 | 3\% |
| 26550 | 5408 | 4822 | 5555 | -586 | -11\% | 148 | 3\% | 5949 | 5305 | 6111 | -644 | -11\% | 162 | 3\% | 6466 | 5766 | 6643 | -700 | -11\% | 176 | 3\% |
| 26600 | 5415 | 4830 | 5562 | -585 | -11\% | 147 | 3\% | 5956 | 5313 | 6118 | -643 | -11\% | 162 | 3\% | 6474 | 5775 | 6650 | -699 | -11\% | 176 | 3\% |
| 26650 | 5421 | 4837 | 5568 | -584 | -11\% | 147 | 3\% | 5963 | 5321 | 6125 | -643 | -11\% | 162 | 3\% | 6482 | 5784 | 6658 | -699 | -11\% | 176 | 3\% |
| 26700 | 5428 | 4845 | 5575 | -583 | -11\% | 147 | 3\% | 5971 | 5329 | 6133 | -642 | -11\% | 162 | 3\% | 6490 | 5793 | 6666 | -698 | -11\% | 176 | 3\% |
| 26750 | 5435 | 4852 | 5582 | -583 | -11\% | 147 | 3\% | 5978 | 5337 | 6140 | -641 | -11\% | 161 | 3\% | 6498 | 5802 | 6674 | -697 | -11\% | 175 | 3\% |
| 26800 | 5441 | 4859 | 5588 | -582 | -11\% | 147 | 3\% | 5986 | 5345 | 6147 | -640 | -11\% | 161 | 3\% | 6506 | 5810 | 6682 | -696 | -11\% | 175 | 3\% |
| 26850 | 5448 | 4867 | 5595 | -581 | -11\% | 146 | 3\% | 5993 | 5353 | 6154 | -640 | -11\% | 161 | 3\% | 6514 | 5819 | 6689 | -695 | -11\% | 175 | 3\% |
| 26900 | 5455 | 4874 | 5601 | -581 | -11\% | 146 | 3\% | 6000 | 5362 | 6161 | -639 | -11\% | 161 | 3\% | 6522 | 5828 | 6697 | -694 | -11\% | 175 | \% |
| 26950 | 5462 | 4882 | 5608 | -580 | -11\% | 146 | 3\% | 6008 | 5370 | 6168 | -638 | -11\% | 161 | 3\% | 6530 | 5837 | 6705 | -693 | -11\% | 175 | 3\% |
| 27000 | 5468 | 4889 | 5614 | -579 | -11\% | 146 | 3\% | 6015 | 5378 | 6176 | -637 | -11\% | 160 | 3\% | 6538 | 5846 | 6713 | -693 | -11\% | 174 | 3\% |
| 27050 | 5475 | 4896 | 5621 | -579 | -11\% | 146 | 3\% | 6023 | 5386 | 6183 | -636 | -11\% | 160 | 3\% | 6546 | 5855 | 6721 | -692 | -11\% | 174 | 3\% |
| 27100 | 5482 | 4904 | 5627 | -578 | -11\% | 145 | 3\% | 6030 | 5394 | 6190 | -636 | -11\% | 160 | 3\% | 6555 | 5864 | 6728 | -691 | -11\% | 174 | 3\% |
| 27150 | 5488 | 4911 | 5634 | -577 | -11\% | 145 | 3\% | 6037 | 5402 | 6197 | -635 | -11\% | 160 | 3\% | 6563 | 5872 | 6736 | -690 | -11\% | 174 | 3\% |
| 27200 | 5495 | 4919 | 5640 | -576 | -10\% | 145 | 3\% | 6045 | 5411 | 6204 | -634 | -10\% | 160 | 3\% | 6571 | 5881 | 6744 | -689 | -10\% | 174 | 3\% |
| 27250 | 5502 | 4926 | 5647 | -576 | -10\% | 145 | 3\% | 6052 | 5419 | 6211 | -633 | -10\% | 159 | 3\% | 6579 | 5890 | 6752 | -688 | -10\% | 173 | 3\% |
| 27300 | 5509 | 4934 | 5653 | -575 | -10\% | 145 | 3\% | 6059 | 5427 | 6219 | -633 | -10\% | 159 | 3\% | 6587 | 5899 | 6760 | -688 | -10\% | 173 | 3\% |
| 27350 | 5515 | 4941 | 5660 | -574 | -10\% | 145 | 3\% | 6067 | 5435 | 6226 | -632 | -10\% | 159 | 3\% | 6595 | 5908 | 6767 | -687 | -10\% | 173 | 3\% |
| 27400 | 5522 | 4948 | 5666 | -574 | -10\% | 144 | 3\% | 6074 | 5443 | 6233 | -631 | -10\% | 159 | 3\% | 6603 | 5917 | 6775 | -686 | -10\% | 173 | 3\% |
| 27450 | 5529 | 4956 | 5673 | -573 | -10\% | 144 | 3\% | 6082 | 5451 | 6240 | -630 | -10\% | 159 | 3\% | 6611 | 5926 | 6783 | -685 | -10\% | 172 | 3\% |
| 27500 | 5535 | 4963 | 5679 | -572 | -10\% | 144 | 3\% | 6089 | 5459 | 6247 | -629 | -10\% | 158 | 3\% | 6619 | 5934 | 6791 | -684 | -10\% | 172 | 3\% |
| 27550 | 5542 | 4971 | 5686 | -572 | -10\% | 144 | 3\% | 6096 | 5468 | 6255 | -629 | -10\% | 158 | 3\% | 6627 | 5943 | 6799 | -683 | -10\% | 172 | 3\% |
| 27600 | 5549 | 4978 | 5692 | -571 | -10\% | 144 | 3\% | 6104 | 5476 | 6262 | -628 | -10\% | 158 | 3\% | 6635 | 5952 | 6806 | -683 | -10\% | 172 | 3\% |
| 27650 | 5556 | 4985 | 5699 | -570 | -10\% | 143 | 3\% | 6111 | 5484 | 6269 | -627 | -10\% | 158 | 3\% | 6643 | 5961 | 6814 | -682 | -10\% | 172 | 3\% |
| 27700 | 5562 | 4993 | 5706 | -569 | -10\% | 143 | 3\% | 6118 | 5492 | 6276 | -626 | -10\% | 158 | 3\% | 6651 | 5970 | 6822 | -681 | -10\% | 171 | 3\% |
| 27750 | 5569 | 5000 | 5712 | -569 | -10\% | 143 | 3\% | 6126 | 5500 | 6283 | -626 | -10\% | 157 | 3\% | 6659 | 5979 | 6830 | -680 | -10\% | 171 | 3\% |
| 27800 | 5576 | 5008 | 5719 | -568 | -10\% | 143 | 3\% | 6133 | 5508 | 6290 | -625 | -10\% | 157 | 3\% | 6667 | 5988 | 6838 | -679 | -10\% | 171 | 3\% |
| 27850 | 5582 | 5015 | 5725 | -567 | -10\% | 143 | 3\% | 6141 | 5517 | 6298 | -624 | -10\% | 157 | 3\% | 6675 | 5996 | 6846 | -678 | -10\% | 171 | 3\% |
| 27900 | 5589 | 5022 | 5732 | -567 | -10\% | 143 | 3\% | 6148 | 5525 | 6305 | -623 | -10\% | 157 | 3\% | 6683 | 6005 | 6853 | -678 | -10\% | 170 | 3\% |
| 27950 | 5596 | 5030 | 5738 | -566 | -10\% | 142 | 3\% | 6155 | 5533 | 6312 | -623 | -10\% | 157 | 3\% | 6691 | 6014 | 6861 | -677 | -10\% | 170 | 3\% |
| 28000 | 5603 | 5037 | 5745 | -565 | -10\% | 142 | 3\% | 6163 | 5541 | 6319 | -622 | -10\% | 156 | 3\% | 6699 | 6023 | 6869 | -676 | -10\% | 170 | 3\% |
| 28050 | 5609 | 5045 | 5751 | -565 | -10\% | 142 | 3\% | 6170 | 5549 | 6326 | -621 | -10\% | 156 | 3\% | 6707 | 6032 | 6877 | -675 | -10\% | 170 | 3\% |
| 28100 | 5616 | 5052 | 5758 | -564 | -10\% | 142 | 3\% | 6178 | 5557 | 6334 | -620 | -10\% | 156 | 3\% | 6715 | 6041 | 6885 | -674 | -10\% | 170 | 3\% |
| 28150 | 5623 | 5060 | 5764 | -563 | -10\% | 142 | 3\% | 6185 | 5565 | 6341 | -619 | -10\% | 156 | 3\% | 6723 | 6050 | 6892 | -673 | -10\% | 169 | 3\% |
| 28200 | 5629 | 5066 | 5771 | -563 | -10\% | 141 | 3\% | 6192 | 5573 | 6348 | -620 | -10\% | 156 | 3\% | 6731 | 6057 | 6900 | -674 | -10\% | 169 | 3\% |
| 28250 | 5636 | 5071 | 5777 | -565 | -10\% | 141 | 3\% | 6200 | 5579 | 6355 | -621 | -10\% | 155 | 3\% | 6739 | 6064 | 6908 | -675 | -10\% | 169 | 3\% |
| 28300 | 5643 | 5077 | 5784 | -566 | -10\% | 141 | 3\% | 6207 | 5584 | 6362 | -623 | -10\% | 155 | 3\% | 6747 | 6070 | 6916 | -677 | -10\% | 169 | 3\% |
| 28350 | 5649 | 5082 | 5790 | -567 | -10\% | 141 | 2\% | 6214 | 5590 | 6369 | -624 | -10\% | 155 | 2\% | 6755 | 6077 | 6924 | -678 | -10\% | 168 | 2\% |
| 28400 | 5656 | 5087 | 5797 | -569 | -10\% | 141 | 2\% | 6222 | 5596 | 6377 | -626 | -10\% | 155 | 2\% | 6763 | 6083 | 6931 | -680 | -10\% | 168 | 2\% |
| 28450 | 5663 | 5093 | 5803 | -570 | -10\% | 141 | 2\% | 6229 | 5602 | 6384 | -627 | -10\% | 155 | 2\% | 6771 | 6090 | 6939 | -682 | -10\% | 168 | 2\% |
| 28500 | 5670 | 5098 | 5810 | -571 | -10\% | 140 | 2\% | 6237 | 5608 | 6391 | -629 | -10\% | 154 | 2\% | 6779 | 6096 | 6947 | -683 | -10\% | 168 | 2\% |
| 28550 | 5676 | 5104 | 5816 | -573 | -10\% | 140 | 2\% | 6244 | 5614 | 6398 | -630 | -10\% | 154 | 2\% | 6787 | 6102 | 6955 | -685 | -10\% | 168 | 2\% |
| 28600 | 5683 | 5109 | 5823 | -574 | -10\% | 140 | 2\% | 6251 | 5620 | 6405 | -631 | -10\% | 154 | 2\% | 6795 | 6109 | 6963 | -686 | -10\% | 167 | 2\% |
| 28650 | 5690 | 5114 | 5830 | -575 | -10\% | 140 | 2\% | 6259 | 5626 | 6412 | -633 | -10\% | 154 | 2\% | 6803 | 6115 | 6970 | -688 | -10\% | 167 | 2\% |
| 28700 | 5696 | 5120 | 5836 | -577 | -10\% | 140 | 2\% | 6266 | 5632 | 6420 | -634 | -10\% | 154 | 2\% | 6811 | 6122 | 6978 | -690 | -10\% | 167 | 2\% |

Side-by-Side Comparisons for 4-6 children: 10/15

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Combined Gross Income | $\begin{aligned} & \stackrel{\infty}{\leftrightarrows} \\ & \stackrel{y}{\underset{x}{x}} \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \stackrel{\infty}{ \pm} \\ & \stackrel{y}{ \pm} \\ & \stackrel{n}{x} \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \stackrel{00}{气} \\ & \stackrel{\tilde{n}}{x} \\ & \end{aligned}$ | $\begin{aligned} & \stackrel{\rightharpoonup}{n} \\ & \stackrel{0}{\infty} \\ & \stackrel{\pi}{4} \\ & \stackrel{0}{0} \\ & \frac{0}{0} \\ & 0 \end{aligned}$ |  |  |  |  |  |
| 28750 | 5703 | 5125 | 5843 | -578 | -10\% | 139 | 2\% | 6273 | 5638 | 6427 | -636 | -10\% | 153 | 2\% | 6819 | 6128 | 6986 | -691 | -10\% | 167 | 2\% |
| 28800 | 5710 | 5130 | 5849 | -579 | -10\% | 139 | 2\% | 6281 | 5643 | 6434 | -637 | -10\% | 153 | 2\% | 6827 | 6134 | 6994 | -693 | -10\% | 166 | 2\% |
| 28850 | 5717 | 5136 | 5856 | -581 | -10\% | 139 | 2\% | 6288 | 5649 | 6441 | -639 | -10\% | 153 | 2\% | 6835 | 6141 | 7002 | -694 | -10\% | 166 | 2\% |
| 28900 | 5723 | 5141 | 5862 | -582 | -10\% | 139 | 2\% | 6296 | 5655 | 6448 | -640 | -10\% | 153 | 2\% | 6843 | 6147 | 7009 | -696 | -10\% | 166 | 2\% |
| 28950 | 5730 | 5147 | 5869 | -583 | -10\% | 139 | 2\% | 6303 | 5661 | 6456 | -642 | -10\% | 153 | 2\% | 6851 | 6154 | 7017 | -698 | -10\% | 166 | 2\% |
| 29000 | 5737 | 5152 | 5875 | -585 | -10\% | 139 | 2\% | 6310 | 5667 | 6463 | -643 | -10\% | 152 | 2\% | 6859 | 6160 | 7025 | -699 | -10\% | 166 | 2\% |
| 29050 | 5743 | 5157 | 5882 | -586 | -10\% | 138 | 2\% | 6318 | 5673 | 6470 | -645 | -10\% | 152 | 2\% | 6867 | 6167 | 7033 | -701 | -10\% | 165 | 2\% |
| 29100 | 5750 | 5163 | 5888 | -587 | -10\% | 138 | 2\% | 6325 | 5679 | 6477 | -646 | -10\% | 152 | 2\% | 6875 | 6173 | 7041 | -702 | -10\% | 165 | 2\% |
| 29150 | 5757 | 5168 | 5895 | -589 | -10\% | 138 | 2\% | 6333 | 5685 | 6484 | -648 | -10\% | 152 | 2\% | 6883 | 6179 | 7048 | -704 | -10\% | 165 | 2\% |
| 29200 | 5764 | 5173 | 5901 | -590 | -10\% | 138 | 2\% | 6340 | 5691 | 6491 | -649 | -10\% | 152 | 2\% | 6891 | 6186 | 7056 | -706 | -10\% | 165 | 2\% |
| 29250 | 5770 | 5179 | 5908 | -591 | -10\% | 138 | 2\% | 6347 | 5697 | 6499 | -651 | -10\% | 151 | 2\% | 6899 | 6192 | 7064 | -707 | -10\% | 165 | 2\% |
| 29300 | 5777 | 5184 | 5914 | -593 | -10\% | 137 | 2\% | 6355 | 5703 | 6506 | -652 | -10\% | 151 | 2\% | 6908 | 6199 | 7072 | -709 | -10\% | 164 | 2\% |
| 29350 | 5784 | 5190 | 5921 | -594 | -10\% | 137 | 2\% | 6362 | 5708 | 6513 | -654 | -10\% | 151 | 2\% | 6916 | 6205 | 7080 | -710 | -10\% | 164 | 2\% |
| 29400 | 5790 | 5195 | 5927 | -596 | -10\% | 137 | 2\% | 6369 | 5714 | 6520 | -655 | -10\% | 151 | 2\% | 6924 | 6212 | 7087 | -712 | -10\% | 164 | 2\% |
| 29450 | 5797 | 5200 | 5934 | -597 | -10\% | 137 | 2\% | 6377 | 5720 | 6527 | -657 | -10\% | 151 | 2\% | 6932 | 6218 | 7095 | -714 | -10\% | 164 | 2\% |
| 29500 | 5804 | 5206 | 5940 | -598 | -10\% | 137 | 2\% | 6384 | 5726 | 6535 | -658 | -10\% | 150 | 2\% | 6940 | 6224 | 7103 | -715 | -10\% | 163 | 2\% |
| 29550 | 5811 | 5211 | 5947 | -600 | -10\% | 136 | 2\% | 6392 | 5732 | 6542 | -659 | -10\% | 150 | 2\% | 6948 | 6231 | 7111 | -717 | -10\% | 163 | 2\% |
| 29600 | 5817 | 5216 | 5954 | -601 | -10\% | 136 | 2\% | 6399 | 5738 | 6549 | -661 | -10\% | 150 | 2\% | 6956 | 6237 | 7119 | -718 | -10\% | 163 | 2\% |
| 29650 | 5824 | 5222 | 5960 | -602 | -10\% | 136 | 2\% | 6406 | 5744 | 6556 | -662 | -10\% | 150 | 2\% | 6964 | 6244 | 7126 | -720 | -10\% | 163 | 2\% |
| 29700 | 5831 | 5227 | 5967 | -604 | -10\% | 136 | 2\% | 6414 | 5750 | 6563 | -664 | -10\% | 150 | 2\% | 6972 | 6250 | 7134 | -722 | -10\% | 163 | 2\% |
| 29750 | 5837 | 5232 | 5973 | -605 | -10\% | 136 | 2\% | 6421 | 5756 | 6570 | -665 | -10\% | 149 | 2\% | 6980 | 6256 | 7142 | -723 | -10\% | 162 | 2\% |
| 29800 | 5844 | 5238 | 5980 | -606 | -10\% | 136 | 2\% | 6428 | 5762 | 6578 | -667 | -10\% | 149 | 2\% | 6988 | 6263 | 7150 | -725 | -10\% | 162 | 2\% |
| 29850 | 5851 | 5243 | 5986 | -608 | -10\% | 135 | 2\% | 6436 | 5768 | 6585 | -668 | -10\% | 149 | 2\% | 6996 | 6269 | 7158 | -726 | -10\% | 162 | 2\% |
| 29900 | 5857 | 5249 | 5993 | -609 | -10\% | 135 | 2\% | 6443 | 5773 | 6592 | -670 | -10\% | 149 | 2\% | 7004 | 6276 | 7165 | -728 | -10\% | 162 | 2\% |
| 29950 | 5864 | 5254 | 5999 | -610 | -10\% | 135 | 2\% | 6451 | 5779 | 6599 | -671 | -10\% | 149 | 2\% | 7012 | 6282 | 7173 | -730 | -10\% | 161 | 2\% |
| 30000 | 5871 | 5259 | 6006 | -612 | -10\% | 135 | 2\% | 6458 | 5785 | 6606 | -673 | -10\% | 148 | 2\% | 7020 | 6289 | 7181 | -731 | -10\% | 161 | 2\% |
| 30050 |  | 5265 |  |  |  |  |  |  | 5791 |  |  |  |  |  |  | 6295 |  |  |  |  |  |
| 30100 |  | 5270 |  |  |  |  |  |  | 5797 |  |  |  |  |  |  | 6301 |  |  |  |  |  |
| 30150 |  | 5275 |  |  |  |  |  |  | 5803 |  |  |  |  |  |  | 6308 |  |  |  |  |  |
| 30200 |  | 5281 |  |  |  |  |  |  | 5809 |  |  |  |  |  |  | 6314 |  |  |  |  |  |
| 30250 |  | 5286 |  |  |  |  |  |  | 5815 |  |  |  |  |  |  | 6321 |  |  |  |  |  |
| 30300 |  | 5292 |  |  |  |  |  |  | 5821 |  |  |  |  |  |  | 6327 |  |  |  |  |  |
| 30350 |  | 5297 |  |  |  |  |  |  | 5827 |  |  |  |  |  |  | 6333 |  |  |  |  |  |
| 30400 |  | 5302 |  |  |  |  |  |  | 5832 |  |  |  |  |  |  | 6340 |  |  |  |  |  |
| 30450 |  | 5308 |  |  |  |  |  |  | 5838 |  |  |  |  |  |  | 6346 |  |  |  |  |  |
| 30500 |  | 5313 |  |  |  |  |  |  | 5844 |  |  |  |  |  |  | 6353 |  |  |  |  |  |
| 30550 |  | 5318 |  |  |  |  |  |  | 5850 |  |  |  |  |  |  | 6359 |  |  |  |  |  |
| 30600 |  | 5324 |  |  |  |  |  |  | 5856 |  |  |  |  |  |  | 6366 |  |  |  |  |  |
| 30650 |  | 5329 |  |  |  |  |  |  | 5862 |  |  |  |  |  |  | 6372 |  |  |  |  |  |
| 30700 |  | 5334 |  |  |  |  |  |  | 5868 |  |  |  |  |  |  | 6378 |  |  |  |  |  |
| 30750 |  | 5340 |  |  |  |  |  |  | 5874 |  |  |  |  |  |  | 6385 |  |  |  |  |  |
| 30800 |  | 5345 |  |  |  |  |  |  | 5880 |  |  |  |  |  |  | 6391 |  |  |  |  |  |
| 30850 |  | 5351 |  |  |  |  |  |  | 5886 |  |  |  |  |  |  | 6398 |  |  |  |  |  |
| 30900 |  | 5356 |  |  |  |  |  |  | 5892 |  |  |  |  |  |  | 6404 |  |  |  |  |  |
| 30950 |  | 5361 |  |  |  |  |  |  | 5897 |  |  |  |  |  |  | 6411 |  |  |  |  |  |
| 31000 |  | 5367 |  |  |  |  |  |  | 5903 |  |  |  |  |  |  | 6417 |  |  |  |  |  |
| 31050 |  | 5372 |  |  |  |  |  |  | 5909 |  |  |  |  |  |  | 6423 |  |  |  |  |  |
| 31100 |  | 5377 |  |  |  |  |  |  | 5915 |  |  |  |  |  |  | 6430 |  |  |  |  |  |
| 31150 |  | 5383 |  |  |  |  |  |  | 5921 |  |  |  |  |  |  | 6436 |  |  |  |  |  |
| 31200 |  | 5388 |  |  |  |  |  |  | 5927 |  |  |  |  |  |  | 6443 |  |  |  |  |  |
| 31250 |  | 5394 |  |  |  |  |  |  | 5933 |  |  |  |  |  |  | 6449 |  |  |  |  |  |
| 31300 |  | 5399 |  |  |  |  |  |  | 5939 |  |  |  |  |  |  | 6455 |  |  |  |  |  |
| 31350 |  | 5404 |  |  |  |  |  |  | 5945 |  |  |  |  |  |  | 6462 |  |  |  |  |  |
| 31400 |  | 5410 |  |  |  |  |  |  | 5951 |  |  |  |  |  |  | 6468 |  |  |  |  |  |
| 31450 |  | 5415 |  |  |  |  |  |  | 5957 |  |  |  |  |  |  | 6475 |  |  |  |  |  |

Side-by-Side Comparisons for 4-6 children: 11/15

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | (я әұерdп) әяиечว \% | $$ |  |  |  |  |  | (в әғерdп) әвиечว \% | $\begin{aligned} & \stackrel{\infty}{\leftrightarrows} \\ & \stackrel{\omega}{\underset{\sim}{x}} \end{aligned}$ |  |  |  |  |  |  |
| 31500 |  | 5420 |  |  |  |  |  |  | 5962 |  |  |  |  |  |  | 6481 |  |  |  |  |  |
| 31550 |  | 5426 |  |  |  |  |  |  | 5968 |  |  |  |  |  |  | 6488 |  |  |  |  |  |
| 31600 |  | 5431 |  |  |  |  |  |  | 5974 |  |  |  |  |  |  | 6494 |  |  |  |  |  |
| 31650 |  | 5437 |  |  |  |  |  |  | 5980 |  |  |  |  |  |  | 6500 |  |  |  |  |  |
| 31700 |  | 5442 |  |  |  |  |  |  | 5986 |  |  |  |  |  |  | 6507 |  |  |  |  |  |
| 31750 |  | 5447 |  |  |  |  |  |  | 5992 |  |  |  |  |  |  | 6513 |  |  |  |  |  |
| 31800 |  | 5453 |  |  |  |  |  |  | 5998 |  |  |  |  |  |  | 6520 |  |  |  |  |  |
| 31850 |  | 5458 |  |  |  |  |  |  | 6004 |  |  |  |  |  |  | 6526 |  |  |  |  |  |
| 31900 |  | 5463 |  |  |  |  |  |  | 6010 |  |  |  |  |  |  | 6533 |  |  |  |  |  |
| 31950 |  | 5469 |  |  |  |  |  |  | 6016 |  |  |  |  |  |  | 6539 |  |  |  |  |  |
| 32000 |  | 5474 |  |  |  |  |  |  | 6022 |  |  |  |  |  |  | 6545 |  |  |  |  |  |
| 32050 |  | 5479 |  |  |  |  |  |  | 6027 |  |  |  |  |  |  | 6552 |  |  |  |  |  |
| 32100 |  | 5485 |  |  |  |  |  |  | 6033 |  |  |  |  |  |  | 6558 |  |  |  |  |  |
| 32150 |  | 5490 |  |  |  |  |  |  | 6039 |  |  |  |  |  |  | 6565 |  |  |  |  |  |
| 32200 |  | 5496 |  |  |  |  |  |  | 6045 |  |  |  |  |  |  | 6571 |  |  |  |  |  |
| 32250 |  | 5501 |  |  |  |  |  |  | 6051 |  |  |  |  |  |  | 6577 |  |  |  |  |  |
| 32300 |  | 5506 |  |  |  |  |  |  | 6057 |  |  |  |  |  |  | 6584 |  |  |  |  |  |
| 32350 |  | 5512 |  |  |  |  |  |  | 6063 |  |  |  |  |  |  | 6590 |  |  |  |  |  |
| 32400 |  | 5517 |  |  |  |  |  |  | 6069 |  |  |  |  |  |  | 6597 |  |  |  |  |  |
| 32450 |  | 5522 |  |  |  |  |  |  | 6075 |  |  |  |  |  |  | 6603 |  |  |  |  |  |
| 32500 |  | 5528 |  |  |  |  |  |  | 6081 |  |  |  |  |  |  | 6610 |  |  |  |  |  |
| 32550 |  | 5533 |  |  |  |  |  |  | 6086 |  |  |  |  |  |  | 6616 |  |  |  |  |  |
| 32600 |  | 5539 |  |  |  |  |  |  | 6092 |  |  |  |  |  |  | 6622 |  |  |  |  |  |
| 32650 |  | 5544 |  |  |  |  |  |  | 6098 |  |  |  |  |  |  | 6629 |  |  |  |  |  |
| 32700 |  | 5549 |  |  |  |  |  |  | 6104 |  |  |  |  |  |  | 6635 |  |  |  |  |  |
| 32750 |  | 5555 |  |  |  |  |  |  | 6110 |  |  |  |  |  |  | 6642 |  |  |  |  |  |
| 32800 |  | 5560 |  |  |  |  |  |  | 6116 |  |  |  |  |  |  | 6648 |  |  |  |  |  |
| 32850 |  | 5565 |  |  |  |  |  |  | 6122 |  |  |  |  |  |  | 6655 |  |  |  |  |  |
| 32900 |  | 5571 |  |  |  |  |  |  | 6128 |  |  |  |  |  |  | 6661 |  |  |  |  |  |
| 32950 |  | 5576 |  |  |  |  |  |  | 6134 |  |  |  |  |  |  | 6667 |  |  |  |  |  |
| 33000 |  | 5581 |  |  |  |  |  |  | 6140 |  |  |  |  |  |  | 6674 |  |  |  |  |  |
| 33050 |  | 5587 |  |  |  |  |  |  | 6146 |  |  |  |  |  |  | 6680 |  |  |  |  |  |
| 33100 |  | 5592 |  |  |  |  |  |  | 6151 |  |  |  |  |  |  | 6687 |  |  |  |  |  |
| 33150 |  | 5598 |  |  |  |  |  |  | 6157 |  |  |  |  |  |  | 6693 |  |  |  |  |  |
| 33200 |  | 5603 |  |  |  |  |  |  | 6163 |  |  |  |  |  |  | 6699 |  |  |  |  |  |
| 33250 |  | 5608 |  |  |  |  |  |  | 6169 |  |  |  |  |  |  | 6706 |  |  |  |  |  |
| 33300 |  | 5614 |  |  |  |  |  |  | 6175 |  |  |  |  |  |  | 6712 |  |  |  |  |  |
| 33350 |  | 5619 |  |  |  |  |  |  | 6181 |  |  |  |  |  |  | 6719 |  |  |  |  |  |
| 33400 |  | 5624 |  |  |  |  |  |  | 6187 |  |  |  |  |  |  | 6725 |  |  |  |  |  |
| 33450 |  | 5630 |  |  |  |  |  |  | 6193 |  |  |  |  |  |  | 6732 |  |  |  |  |  |
| 33500 |  | 5635 |  |  |  |  |  |  | 6199 |  |  |  |  |  |  | 6738 |  |  |  |  |  |
| 33550 |  | 5641 |  |  |  |  |  |  | 6205 |  |  |  |  |  |  | 6744 |  |  |  |  |  |
| 33600 |  | 5646 |  |  |  |  |  |  | 6211 |  |  |  |  |  |  | 6751 |  |  |  |  |  |
| 33650 |  | 5651 |  |  |  |  |  |  | 6216 |  |  |  |  |  |  | 6757 |  |  |  |  |  |
| 33700 |  | 5657 |  |  |  |  |  |  | 6222 |  |  |  |  |  |  | 6764 |  |  |  |  |  |
| 33750 |  | 5662 |  |  |  |  |  |  | 6228 |  |  |  |  |  |  | 6770 |  |  |  |  |  |
| 33800 |  | 5667 |  |  |  |  |  |  | 6234 |  |  |  |  |  |  | 6777 |  |  |  |  |  |
| 33850 |  | 5673 |  |  |  |  |  |  | 6240 |  |  |  |  |  |  | 6783 |  |  |  |  |  |
| 33900 |  | 5678 |  |  |  |  |  |  | 6246 |  |  |  |  |  |  | 6789 |  |  |  |  |  |
| 33950 |  | 5684 |  |  |  |  |  |  | 6252 |  |  |  |  |  |  | 6796 |  |  |  |  |  |
| 34000 |  | 5689 |  |  |  |  |  |  | 6258 |  |  |  |  |  |  | 6802 |  |  |  |  |  |
| 34050 |  | 5694 |  |  |  |  |  |  | 6264 |  |  |  |  |  |  | 6809 |  |  |  |  |  |
| 34100 |  | 5700 |  |  |  |  |  |  | 6270 |  |  |  |  |  |  | 6815 |  |  |  |  |  |
| 34150 |  | 5705 |  |  |  |  |  |  | 6275 |  |  |  |  |  |  | 6821 |  |  |  |  |  |
| 34200 |  | 5710 |  |  |  |  |  |  | 6281 |  |  |  |  |  |  | 6828 |  |  |  |  |  |

Side-by-Side Comparisons for 4-6 children: 12/15

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \stackrel{\infty}{\vdots} \\ & \stackrel{H}{\boxed{x}} \\ & \stackrel{y}{x} \end{aligned}$ |  |  |  |  | (я әғерdп) әяиечว \$ | (я әғерdn) ә̊иечว \% | $\begin{aligned} & \stackrel{\infty}{\hbar} \\ & \stackrel{y}{\hat{x}} \\ & \underset{\sim}{x} \end{aligned}$ | $\begin{aligned} & \frac{\pi}{n} \\ & \stackrel{n}{\infty} \\ & \stackrel{4}{4} \\ & \stackrel{0}{0} \\ & \frac{0}{0} \\ & 0 \end{aligned}$ |  |  |  | (я әғерdп) әзиечว \$ | (я әұерdn) әвиечว \% | $\begin{aligned} & \stackrel{\infty}{\hbar} \\ & \stackrel{y}{\underset{x}{x}} \end{aligned}$ |  |  |  |  |  |  |
| 34250 |  | 5716 |  |  |  |  |  |  | 6287 |  |  |  |  |  |  | 6834 |  |  |  |  |  |
| 34300 |  | 5721 |  |  |  |  |  |  | 6293 |  |  |  |  |  |  | 6841 |  |  |  |  |  |
| 34350 |  | 5726 |  |  |  |  |  |  | 6299 |  |  |  |  |  |  | 6847 |  |  |  |  |  |
| 34400 |  | 5732 |  |  |  |  |  |  | 6305 |  |  |  |  |  |  | 6854 |  |  |  |  |  |
| 34450 |  | 5737 |  |  |  |  |  |  | 6311 |  |  |  |  |  |  | 6860 |  |  |  |  |  |
| 34500 |  | 5743 |  |  |  |  |  |  | 6317 |  |  |  |  |  |  | 6866 |  |  |  |  |  |
| 34550 |  | 5748 |  |  |  |  |  |  | 6323 |  |  |  |  |  |  | 6873 |  |  |  |  |  |
| 34600 |  | 5753 |  |  |  |  |  |  | 6329 |  |  |  |  |  |  | 6879 |  |  |  |  |  |
| 34650 |  | 5759 |  |  |  |  |  |  | 6335 |  |  |  |  |  |  | 6886 |  |  |  |  |  |
| 34700 |  | 5764 |  |  |  |  |  |  | 6340 |  |  |  |  |  |  | 6892 |  |  |  |  |  |
| 34750 |  | 5769 |  |  |  |  |  |  | 6346 |  |  |  |  |  |  | 6898 |  |  |  |  |  |
| 34800 |  | 5775 |  |  |  |  |  |  | 6352 |  |  |  |  |  |  | 6905 |  |  |  |  |  |
| 34850 |  | 5780 |  |  |  |  |  |  | 6358 |  |  |  |  |  |  | 6911 |  |  |  |  |  |
| 34900 |  | 5786 |  |  |  |  |  |  | 6364 |  |  |  |  |  |  | 6918 |  |  |  |  |  |
| 34950 |  | 5791 |  |  |  |  |  |  | 6370 |  |  |  |  |  |  | 6924 |  |  |  |  |  |
| 35000 |  | 5796 |  |  |  |  |  |  | 6376 |  |  |  |  |  |  | 6931 |  |  |  |  |  |
| 35050 |  | 5802 |  |  |  |  |  |  | 6382 |  |  |  |  |  |  | 6937 |  |  |  |  |  |
| 35100 |  | 5807 |  |  |  |  |  |  | 6388 |  |  |  |  |  |  | 6943 |  |  |  |  |  |
| 35150 |  | 5812 |  |  |  |  |  |  | 6394 |  |  |  |  |  |  | 6950 |  |  |  |  |  |
| 35200 |  | 5818 |  |  |  |  |  |  | 6400 |  |  |  |  |  |  | 6956 |  |  |  |  |  |
| 35250 |  | 5823 |  |  |  |  |  |  | 6405 |  |  |  |  |  |  | 6963 |  |  |  |  |  |
| 35300 |  | 5828 |  |  |  |  |  |  | 6411 |  |  |  |  |  |  | 6969 |  |  |  |  |  |
| 35350 |  | 5834 |  |  |  |  |  |  | 6417 |  |  |  |  |  |  | 6976 |  |  |  |  |  |
| 35400 |  | 5839 |  |  |  |  |  |  | 6423 |  |  |  |  |  |  | 6982 |  |  |  |  |  |
| 35450 |  | 5845 |  |  |  |  |  |  | 6429 |  |  |  |  |  |  | 6988 |  |  |  |  |  |
| 35500 |  | 5850 |  |  |  |  |  |  | 6435 |  |  |  |  |  |  | 6995 |  |  |  |  |  |
| 35550 |  | 5855 |  |  |  |  |  |  | 6441 |  |  |  |  |  |  | 7001 |  |  |  |  |  |
| 35600 |  | 5861 |  |  |  |  |  |  | 6447 |  |  |  |  |  |  | 7008 |  |  |  |  |  |
| 35650 |  | 5866 |  |  |  |  |  |  | 6453 |  |  |  |  |  |  | 7014 |  |  |  |  |  |
| 35700 |  | 5871 |  |  |  |  |  |  | 6459 |  |  |  |  |  |  | 7020 |  |  |  |  |  |
| 35750 |  | 5877 |  |  |  |  |  |  | 6464 |  |  |  |  |  |  | 7027 |  |  |  |  |  |
| 35800 |  | 5882 |  |  |  |  |  |  | 6470 |  |  |  |  |  |  | 7033 |  |  |  |  |  |
| 35850 |  | 5888 |  |  |  |  |  |  | 6476 |  |  |  |  |  |  | 7040 |  |  |  |  |  |
| 35900 |  | 5893 |  |  |  |  |  |  | 6482 |  |  |  |  |  |  | 7046 |  |  |  |  |  |
| 35950 |  | 5898 |  |  |  |  |  |  | 6488 |  |  |  |  |  |  | 7053 |  |  |  |  |  |
| 36000 |  | 5904 |  |  |  |  |  |  | 6494 |  |  |  |  |  |  | 7059 |  |  |  |  |  |
| 36050 |  | 5909 |  |  |  |  |  |  | 6500 |  |  |  |  |  |  | 7065 |  |  |  |  |  |
| 36100 |  | 5914 |  |  |  |  |  |  | 6506 |  |  |  |  |  |  | 7072 |  |  |  |  |  |
| 36150 |  | 5920 |  |  |  |  |  |  | 6512 |  |  |  |  |  |  | 7078 |  |  |  |  |  |
| 36200 |  | 5925 |  |  |  |  |  |  | 6518 |  |  |  |  |  |  | 7085 |  |  |  |  |  |
| 36250 |  | 5931 |  |  |  |  |  |  | 6524 |  |  |  |  |  |  | 7091 |  |  |  |  |  |
| 36300 |  | 5936 |  |  |  |  |  |  | 6529 |  |  |  |  |  |  | 7098 |  |  |  |  |  |
| 36350 |  | 5941 |  |  |  |  |  |  | 6535 |  |  |  |  |  |  | 7104 |  |  |  |  |  |
| 36400 |  | 5947 |  |  |  |  |  |  | 6541 |  |  |  |  |  |  | 7110 |  |  |  |  |  |
| 36450 |  | 5952 |  |  |  |  |  |  | 6547 |  |  |  |  |  |  | 7117 |  |  |  |  |  |
| 36500 |  | 5957 |  |  |  |  |  |  | 6553 |  |  |  |  |  |  | 7123 |  |  |  |  |  |
| 36550 |  | 5963 |  |  |  |  |  |  | 6559 |  |  |  |  |  |  | 7130 |  |  |  |  |  |
| 36600 |  | 5968 |  |  |  |  |  |  | 6565 |  |  |  |  |  |  | 7136 |  |  |  |  |  |
| 36650 |  | 5973 |  |  |  |  |  |  | 6571 |  |  |  |  |  |  | 7142 |  |  |  |  |  |
| 36700 |  | 5979 |  |  |  |  |  |  | 6577 |  |  |  |  |  |  | 7149 |  |  |  |  |  |
| 36750 |  | 5984 |  |  |  |  |  |  | 6583 |  |  |  |  |  |  | 7155 |  |  |  |  |  |
| 36800 |  | 5990 |  |  |  |  |  |  | 6589 |  |  |  |  |  |  | 7162 |  |  |  |  |  |
| 36850 |  | 5995 |  |  |  |  |  |  | 6594 |  |  |  |  |  |  | 7168 |  |  |  |  |  |
| 36900 |  | 6000 |  |  |  |  |  |  | 6600 |  |  |  |  |  |  | 7175 |  |  |  |  |  |
| 36950 |  | 6006 |  |  |  |  |  |  | 6606 |  |  |  |  |  |  | 7181 |  |  |  |  |  |

Side-by-Side Comparisons for 4-6 children: 13/15

Side-by-Side Comparisons


Side-by-Side Comparisons for 4-6 children: 14/15

Side-by-Side Comparisons

|  | 4 Children |  |  |  |  |  |  | 5 Children |  |  |  |  |  |  | 6 Children |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \stackrel{n}{\leftrightarrows} \\ & \stackrel{\rightharpoonup}{\leftrightarrows} \\ & \stackrel{\rightharpoonup}{x} \end{aligned}$ |  |  | $\text { ( } \forall \text { әrepdn) ə8ueч } \$$ |  |  | (я әғерdn) әвииечว \% | $\begin{aligned} & \stackrel{0}{\leftrightarrows} \\ & \stackrel{\rightharpoonup}{\leftrightarrows} \\ & \stackrel{H}{x} \end{aligned}$ |  |  |  |  |  |  | $\begin{aligned} & \stackrel{00}{\leftrightarrows} \\ & \stackrel{\breve{n}}{\boldsymbol{x}} \end{aligned}$ |  |  |  |  |  |  |
| 39750 |  | 6306 |  |  |  |  |  |  | 6937 |  |  |  |  |  |  | 7541 |  |  |  |  |  |
| 39800 |  | 6312 |  |  |  |  |  |  | 6943 |  |  |  |  |  |  | 7547 |  |  |  |  |  |
| 39850 |  | 6317 |  |  |  |  |  |  | 6949 |  |  |  |  |  |  | 7553 |  |  |  |  |  |
| 39900 |  | 6322 |  |  |  |  |  |  | 6955 |  |  |  |  |  |  | 7560 |  |  |  |  |  |
| 39950 |  | 6328 |  |  |  |  |  |  | 6961 |  |  |  |  |  |  | 7566 |  |  |  |  |  |
| 40000 |  | 6333 |  |  |  |  |  |  | 6967 |  |  |  |  |  |  | 7573 |  |  |  |  |  |


| Above SSR |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Average Change | -330 | $-6.5 \%$ | 133 | $4 \%$ |
| Median Change | -526 | $-10 \%$ | 149 | $3 \%$ |
| Minimum Change | -639 | $-15 \%$ | 18 | $1 \%$ |
| Maximum Change | 166 | $8 \%$ | 190 | $8 \%$ |


| -366 | $-6.6 \%$ | 147 | $4 \%$ |
| ---: | ---: | ---: | ---: |
| -580 | $-10 \%$ | 164 | $3 \%$ |
| -703 | $-15 \%$ | 20 | $1 \%$ |
| 183 | $8 \%$ | 209 | $8 \%$ |


| -402 | $-6.7 \%$ | 161 | $4 \%$ |
| ---: | ---: | ---: | ---: |
| -633 | $-10 \%$ | 178 | $4 \%$ |
| -764 | $-15 \%$ | 21 | $1 \%$ |
| 199 | $8 \%$ | 227 | $8 \%$ |


[^0]:    ${ }^{1}$ U.S. Census American Community Survey 2019. Retrieved from https://data.census.gov.
    ${ }^{2}$ Most of the statistics are averaged across 2016-2020. Annie E. Casey Foundation. (2022). 2022 Kids Count Data Book: State Trends in Child Well-Being. Retrieved from https://assets.aecf.org/m/resourcedoc/aecf-2021kidscountdatabook-2022.pdf. ${ }^{3}$ This is from 2020 data rather than 2019.

[^1]:    ${ }^{4}$ For this particular data field, the data is actually from 2018-2020. Retrieved from https://datacenter.kidscount.org/data/tables/10453-female-headed-families-receiving-childsupport?loc=52\&loct=2\#detailed/2/52/false/1985,1757,1687/any/20156,20157.
    ${ }^{5}$ Federal Office of Child Support Enforcement. (2022). Office of Child Support Preliminary Report 2022. Retrieved from https://www.acf.hhs.gov/css/policy-guidance/fy-2021-preliminary-data-report-and-tables.
    ${ }^{6}$ Five years ago, CSS established over 30,000 orders per year. It is believed that the count is down due to the pandemic and other factors.
    ${ }^{7}$ The author suggests this based on data from various sources that nongovernment child support cases tend to have higher orders and higher payments data.
    ${ }^{8}$ Sorensen, Elaine. (Dec. 2016). "The Child Support Program Is a Good Investment." The Story Behind the Numbers. Federal Office of Child Support Enforcement. p. 8. Retrieved from
    https://www.acf.hhs.gov/sites/default/files/programs/css/sbtn csp is a good investment.pdf.
    ${ }^{9}$ Sorensen, Elaine. (Feb. 7, 2014). Employment and Family Structure Changes: Implications for Child Support. Presentation to the National Child Support Enforcement Association, Washington, D.C.

[^2]:    ${ }^{10}$ Betson, David M. (2006). "Appendix I: New Estimates of Child-Rearing Costs." In PSI, State of Oregon Child Support Guidelines Review: Updated Obligation Scales and Other Considerations, Report to State of Oregon, Policy Studies Inc., Denver, CO. Retrieved from https://justice.oregon.gov/child-support/pdf/psi guidelines review 2006.pdf.
    ${ }^{11}$ Betson, David M. (2010). "Appendix A: Parental Expenditures on Children." In Judicial Council of California, Review of Statewide Uniform Child Support Guideline. San Francisco, CA. Retrieved from http://www.courts.ca.gov/partners/documents/2011SRL6aGuidelineReview.pdf.
    ${ }^{12}$ Lino, Mark, et al. (2017). Expenditures on Children by Families: 2015 Annual Report. U.S. Department of Agriculture, Center for Nutrition and Policy Promotion. Miscellaneous Publication No. 1528-2015, Washington, D.C. Available at http://www.cnpp.usda.gov/publications/crc/crc2015.pdf.

[^3]:    ${ }^{13}$ Betson, David M. (2021). "Appendix A: Parental Expenditures on Children: Rothbarth Estimates." In Venohr, Jane, \& Matyasic, Savahanna. (Feb. 23, 2021). Review of the Arizona Child Support Guidelines: Findings from the Analysis of Case File Data and Updating the Child Support Schedule. Report to the Arizona Supreme Court Administrative Office of the Courts. Retrieved from https://www.azcourts.gov/Portals/74/FCIC-CSGR/SupplementalPacket-030121-FCIC-CSGRS.pdf?ver=2021-02-26-161844-187.

[^4]:    ${ }^{14}$ See Federal Office of Child Support Enforcement. (Dec. 20, 2016). Actional Transmittal (AT-16-06) Final Rule: Flexibility, Efficiency, and Modernization in Child Support Enforcement Programs. Retrieved from https://www.acf.hhs.gov/css/policy-guidance/final-rule-flexibility-efficiency-and-modernization-child-support-enforcement.

[^5]:    ${ }^{15}$ Betson, David M. (2010). "Appendix A: Parental Expenditures on Children." In Judicial Council of California, Review of Statewide Uniform Child Support Guideline. San Francisco, CA. Retrieved from http://www.courts.ca.gov/partners/documents/2011SRL6aGuidelineReview.pdf.
    ${ }^{16}$ Lino, Mark, et al. (2017). Expenditures on Children by Families: 2015 Annual Report. U.S. Department of Agriculture, Center for Nutrition and Policy Promotion. Miscellaneous Publication No. 1528-2015, Washington, D.C. Available at http://www.cnpp.usda.gov/publications/crc/crc2015.pdf.

[^6]:    ${ }^{17}$ Betson, David M. (2021). "Appendix A: Parental Expenditures on Children: Rothbarth Estimates." In Venohr, Jane, \& Matyasic, Savahanna. (Feb. 23, 2021). Review of the Arizona Child Support Guidelines: Findings from the Analysis of Case File Data and Updating the Child Support Schedule. Report to the Arizona Supreme Court Administrative Office of the Courts. Retrieved from https://www.azcourts.gov/Portals/74/FCIC-CSGR/SupplementalPacket-030121-FCIC-CSGRS.pdf?ver=2021-02-26-161844-187.
    ${ }^{18}$ Several different economic indicators are used to gauge basic (minimum needs). Even the federal poverty guidelines (FPG) is used. The 2022 federal poverty guidelines for one person is $\$ 1,133$ per month; each additional person in the household is $\$ 393$ per month (U.S. Health and Human Services Office of the Assistant Secretary for Planning and Evaluation (Jan. 12, 2022)). HHS Poverty guidelines for 2022. https://aspe.hhs.gov/topics/poverty-economic-mobility/poverty-guidelines). Other commonly used economic indicators is the "living wage" or the "self-sufficiency standard." More information about the Maryland living wage can be found at Massachusetts Institute of Technology. (n.d.). Living Wage Calculation for Maryland. Retrieved from https://livingwage.mit.edu/states/37. The Maryland self-sufficiency standard was last published in 2020. Pearce, Diane. (Feb. 2020). The Self-Sufficiency Standard for Maryland 2020. Retrieved from
    https://www.unitedwaync.org/sites/unitedwaync.org/files/NC2020 SSS\%2OFINAL 0.pdf.

[^7]:    ${ }^{19}$ Betson, David M. (1990). Alternative Estimates of the Cost of Children from the 1980-86 Consumer Expenditure Survey. Report to U.S. Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation. University of Wisconsin Institute for Research on Poverty, Madison, WI.
    ${ }^{20}$ Betson, David M. (2021). "Appendix A: Parental Expenditures on Children: Rothbarth Estimates" In Venohr, Jane, \& Matyasic, Savahanna. (Feb. 23, 2021). Review of the Arizona Child Support Guidelines: Findings from the Analysis of Case File Data and Updating the Child Support Schedule. Report to the Arizona Supreme Court Administrative Office of the Courts. Retrieved from https://www.azcourts.gov/Portals/74/FCIC-CSGR/SupplementalPacket-030121-FCIC-CSGRS.pdf?ver=2021-02-26-161844-187.

[^8]:    ${ }^{21}$ Sarro, Mark, Polek, Christine, \& Sandy, Shastri. (Jul. 23. 2021). Economic Review of the Massachusetts Child Support Guidelines 2020-2021. Prepared for Commonwealth of Massachusetts Executive Office of the Trial Court 2020-2021 Child Support Guidelines Task Force. Page 2. Retrieved from https://www.mass.gov/doc/economic-review-of-the-massachusetts-child-support-guidelines-2020-2021/download.

[^9]:    ${ }^{22}$ Calculated from 2020 U.S. Census American Community Survey 5-Year Estimates. Table B17010: Poverty Status in the Past 12 Months of Families by Family Type and Presence of Children. Retrieved from https://data.census.gov.
    ${ }^{23}$ Rodgers, William M. (2017). "Comparative Economic Analysis of Current Economic Research on Child-Rearing Expenditures." In Judicial Council of California, Review of Statewide Uniform Child Support Guideline 2017. San Francisco, CA. Retrieved from http://www.courts.ca.gov/documents/Ir-2018-JC-review-of-statewide-CS-guideline-2017-Fam-4054a.pdf.
    ${ }^{24}$ Rodgers (2017). Ibid.
    ${ }^{25}$ Norribin, Stefan C., et al. (Nov. 2021). Review and Update of Florida’s Child Support Guidelines. Retrieved from http://edr.state.fl.us/Content/special-research-projects/child-support/ChildSupportGuidelinesFinalReport2021.pdf. ${ }^{26}$ Lino, Mark et al. (2017). Expenditures on Children by Families, 2015. Misc. Pub. No. 1528-2015. U.S. Dept. of Agriculture, Center for Nutrition \& Policy Promotion, Washington, D.C. Retrieved from https://cdn2.hubspot.net/hubfs/10700/blogfiles/USDA Expenditures\%20on\%20children\%20by\%20family.pdf?t=1520090048492

[^10]:    ${ }^{27}$ For example, Betson, David M. (2021). "Appendix B: Additional Research on the Cost of Raising Children" In Judicial Council of California, Review of Statewide Uniform Child Support Guideline. San Francisco, CA. Retrieved from https://www.courts.ca.gov/documents/Review-of-Uniform-Child-Support-Guideline-2021.pdf.
    ${ }^{28}$ For example, a layperson's description of how the Rothbarth estimator understates actual child-rearing expenditures is also provided on p. 2-29 of Lewin/ICF. (1990). Estimates of Expenditures on Children and Child Support Guidelines. Report to U.S. Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation. Fairfax, VA. ${ }^{29}$ Rodgers, William M. (2017). "Comparative Economic Analysis of Current Economic Research on Child-Rearing Expenditures." In Judicial Council of California, Review of Statewide Uniform Child Support Guideline 2017. San Francisco, CA. Retrieved from http://www.courts.ca.gov/documents/Ir-2018-JC-review-of-statewide-CS-guideline-2017-Fam-4054a.pdf.
    ${ }^{30}$ Norribin, Stefan C., et al. (Nov. 2021). Review and Update of Florida's Child Support Guidelines. Retrieved from http://edr.state.fl.us/Content/special-research-projects/child-support/ChildSupportGuidelinesFinalReport2021.pdf.
    ${ }^{31}$ Comanor, William, Sarro, Mark, \& Rogers, Mark. (2015). "The Monetary Cost of Raising Children." In (ed.) Economic and Legal Issues in Competition, Intellectual Property, Bankruptcy, and the Cost of Raising Children (Research in Law and Economics), Vol. 27. Emerald Group Publishing Limited, pp. 209-51; and Norribin, Stefan C., et al. (Nov. 2021). Review and Update of Florida's Child Support Guidelines. Retrieved from http://edr.state.fl.us/Content/special-research-projects/child-
    support/ChildSupportGuidelinesFinalReport2021.pdf.

[^11]:    ${ }^{32}$ See the 2018 Maryland guidelines review report.
    ${ }^{33}$ For example, see Lewin/ICF. (1990). Estimates of Expenditures on Children and Child Support Guidelines. Report to U.S. Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation. Fairfax, VA.
    ${ }^{34}$ Betson, David M. (2021). "Appendix B: Additional Research on the Cost of Raising Children" In Judicial Council of California, Review of Statewide Uniform Child Support Guideline. San Francisco, CA. Retrieved from https://www.courts.ca.gov/documents/Review-of-Uniform-Child-Support-Guideline-2021.pdf.

[^12]:    ${ }^{35}$ Rothe, Ingrid, \& Berger, Lawrence. (Apr. 2007). "Estimating the Costs of Children: Theoretical Considerations Related to Transitions to Adulthood and the Valuation of Parental Time for Developing Child Support Guidelines." IRP Working Paper, University of Wisconsin: Institute for Research on Poverty, Madison, WI.
    ${ }^{36}$ Venohr, J. (Apr. 2017). Differences in State Child Support Guidelines Amounts: Guidelines Models, Economic Basis, and Other Issues. Journal of the American Academy of Matrimonial Lawyers.
    ${ }^{37}$ For example, see the Child Outcomes Based Model discussed by the Arizona Child Support Guidelines Review Committee, Interim Report of the Committee, submitted to Arizona Judicial Council, Phoenix, Arizona on October 21, 2009; the American Law Institute (ALI) model can found in the 1999 Child Support Symposium published by Family Law Quarterly (Spring 1999), and the Cost Shares Model can be found at Foohey, Pamela. "Child Support and (In)ability to Pay: The case for the cost shares model." (2009). Articles by Maurer Faculty. 1276. Retrieved from https://www.repository.law.indiana.edu/cgi/viewcontent.cgi?article=2271\&context=facpub.

[^13]:    ${ }^{38}$ Betson, David M. (1990). Alternative Estimates of the Cost of Children from the 1980-86 Consumer Expenditure Survey. Report to U.S. Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation. University of Wisconsin Institute for Research on Poverty, Madison, Wisconsin.
    ${ }^{39}$ In statistics, the term "robust" means the statistics yield good performance that are largely unaffected by outliers or sensitive to small changes to the assumptions.
    ${ }^{40}$ Lewin/ICF. (1990). Estimates of Expenditures on Children and Child Support Guidelines. Report to U.S. Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation. Fairfax, VA.

[^14]:    ${ }^{41}$ Specifically, Betson uses adult clothes, whereas others applying the Rothbarth estimator use adult clothing, alcohol, and tobacco regardless of whether expenditures are made on these items. Betson (1990) conducted sensitivity analysis and found little difference in using the alternative definitions of adult goods.
    ${ }^{42}$ A layperson's description of how the Rothbarth estimator understates actual child-rearing expenditures is also provided in Lewin/ICF (1990) on p. 2-29.
    ${ }^{43}$ A layperson's description of how the Engel estimator overstates actual child-rearing expenditures is also provided in Lewin/ICF (1990) on p. 2-28. Lewin/ICF. (1990). Estimates of Expenditures on Children and Child Support Guidelines. Report to U.S. Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation. Fairfax, VA. ${ }^{44}$ Many states used Espenshade, Thomas J. (1984). Investing in Children: New Estimates of Parental Expenditures. Urban Institute Press: Washington, D.C.
    ${ }^{45}$ See Appendix A of the Arizona report for more information about the earlier BR studies.
    ${ }^{46}$ Lewin/ICF. (1990). Estimates of Expenditures on Children and Child Support Guidelines. Report to U.S. Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation. Fairfax, VA.
    ${ }^{47}$ National Center for State Courts. (1987). Development of Guidelines for Child Support Orders, Final Report. Report to U.S. Department of Health and Human Services, Office of Child Support Enforcement, Williamsburg, VA. p. I-6.

[^15]:    48 U.S. Bureau of Labor Statistics Office of Survey Methods Research. (n.d.). Household and Establishment Survey Response Rates. Retrieved from https://www.bls.gov/osmr/response-rates/.
    ${ }^{49}$ Both the Coronavirus Aid, Relief and Economic Security Act (CARES Act) of 2020 and the American Rescue Plan Act of 2021 affected consumer income.
    ${ }^{50}$ U.S. Bureau of Labor Statistics. (May 3, 2022). "Changes to Consumer Expenditures during the Covid-19 Pandemic." TED: The Economics Daily. Retrieved from https://www.bls.gov/opub/ted/2022/changes-to-consumer-expenditures-during-the-covid-19-pandemic.htm.

[^16]:    ${ }^{51}$ Calculated from the U.S. Bureau of Labor Statistics. (n.d). Consumer Price Index Historical Tables for U.S. City Average. Retrieved from https://www.bls.gov/regions/mid-atlantic/data/consumerpriceindexhistorical us table.htm.
    ${ }^{52}$ U.S. Bureau of Labor Statistics. (Jun. 10, 2022). Consumer Price Index - May 2022. Retrieved from https://www.bls.gov/news.release/pdf/cpi.pdf.
    ${ }^{53}$ For example, see Gascon, Charles S., \& Werner, Devin. (Jan. 13, 2022). Pandemic, Rising Costs Challenge Child Care Industry. Federal Reserve Bank of St. Louis. Retrieved from https://www.stlouisfed.org/publications/regional-economist/2022/jan/pandemic-rising-costs-challenge-child-care-industry.
    ${ }^{54}$ U.S. Bureau of Labor Statistics (BLS). (Jun. 28, 2018). 130 Years of Consumer Expenditures. Retrieved from https://www.bls.gov/cex/csxhistorical.htm.
    ${ }^{55}$ There are two components to the CE survey. Each starts with a sample of about 12,000 households. One component is a diary survey, and the other is an interview survey. The results from the interview survey are the primary data source for measuring child-rearing expenditures. Nonetheless, the BLS uses both components to cross check the quality of the data. More information can be found at U.S. Bureau of Labor Statistics. (n.d.). Handbook of Methods: Consumer Expenditures and Income. p. 16. Retrieved from https://www.bls.gov/opub/hom/cex/pdf/cex.pdf.

[^17]:    ${ }^{56}$ Recently, however, the BLS has been creating state-specific samples for some of the larger states (e.g., California, Florida, and Texas).

[^18]:    ${ }^{57}$ Betson, David M. (1990). Alternative Estimates of the Cost of Children from the 1980-86 Consumer Expenditure Survey. Report to U.S. Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation. University of Wisconsin Institute for Research on Poverty, Madison, WI.
    ${ }^{58}$ Betson, David M. (2000). "Parental Spending on Children: A Preliminary Report." Memo, University of Notre Dame. Funded by a grant from the Institute for Research on Poverty, Madison, WI.
    ${ }^{59}$ Betson, David M. (2006). "Appendix I: New Estimates of Child-Rearing Costs." In PSI, State of Oregon Child Support Guidelines Review: Updated Obligation Scales and Other Considerations, Report to State of Oregon, Policy Studies Inc., Denver, CO. Retrieved from https://justice.oregon.gov/child-support/pdf/psi guidelines review 2006.pdf.
    ${ }^{60}$ Betson, David M. (2010). "Appendix A: Parental Expenditures on Children." In Judicial Council of California, Review of Statewide Uniform Child Support Guideline. San Francisco, CA. Retrieved from
    http://www.courts.ca.gov/partners/documents/2011SRL6aGuidelineReview.pdf.
    ${ }^{61}$ Betson, David M. (2021). "Appendix A: Parental Expenditures on Children: Rothbarth Estimates." In Venohr, Jane, \& Matyasic, Savahanna (Feb. 23, 2021). Review of the Arizona Child Support Guidelines: Findings from the Analysis of Case File Data and Updating the Child Support Schedule. Report to the Arizona Supreme Court Administrative Office of the Courts. Retrieved from https://www.azcourts.gov/Portals/74/FCIC-CSGR/SupplementalPacket-030121-FCIC-CSGRS.pdf?ver=2021-02-26-161844-187.

[^19]:    62 U.S. Bureau of Economic Analysis. (2021). 2020 Regional Price Parities by State (US = 100). Retrieved from https://www.bea.gov/data/prices-inflation/regional-price-parities-state-and-metro-area.

[^20]:    ${ }^{63}$ U.S. Department of Health \& Human Services Agency for Healthcare Research and Quality. (n.d.). Medical Expenditure Panel Survey. Retrieved from https://www.meps.ahrq.gov/mepsweb/data stats/meps query.jsp.

[^21]:    ${ }^{64}$ IRS Publication 15-A: Federal Income Tax Withholding Methods: 2022. Retrieved from https://www.irs.gov/pub/irspdf/p15.pdf.
    ${ }^{65}$ Maryland Treasury Department. (Mar. 2022). Maryland Employer Withholding Guide. Retrieved from https://www.marylandtaxes.gov/forms/current forms/Withholding Guide.pdf.

[^22]:    ${ }^{66}$ U.S. Census data is retrieved from https://www.census.gov/data/tables.html.
    ${ }^{67}$ According to national data, over $80 \%$ of custodial parents are females.

[^23]:    ${ }^{68}$ Agency for Healthcare Research and Quality. (Jun. 2020). Mean expenditure per person by source of payment and age groups, United States, 2017. Medical Expenditure Panel Survey. Generated interactively on Jun. 12, 2020, from https://www.meps.ahrq.gov/mepstrends/hc use/.
    ${ }^{69}$ U.S. Bureau of Labor Statistics. (n.d.). Consumer Price Index. Retrieved from https://www.bls.gov/regions/midatlantic/data/consumerpriceindexhistorical us schedule.htm.

[^24]:    ${ }^{70}$ Citro, Constance F., \& Robert T. Michael (eds.). (1995). Measuring Poverty: A New Approach. National Academy Press. Washington, D.C.
    ${ }^{71}$ IRS Publication 15-A: Federal Income Tax Withholding Methods: 2022. Retrieved from https://www.irs.gov/pub/irspdf/p15.pdf and Maryland Treasury Department. (Mar. 2022). Maryland Employer Withholding Guide. Retrieved from https://www.marylandtaxes.gov/forms/current forms/Withholding Guide.pdf.

