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SIMPLE INDIVIDUAL RETIREMENT CUSTODIAL ACCOUNT

This Account has been created for use by Individuals who wish to establish a SIMPLE Individual Retirement Account. This document contains the rules the Individual must follow to gain the tax benefits of a SIMPLE IRA. To open the Account, simply complete the Account Application Form and return it to the Custodian. Once the Account is established, the Custodian will accept contributions and will invest those contributions in accordance with the Individual's investment direction and will report on the investment performance of the SIMPLE IRA. The Custodian will make payments from the Plan only as directed by the Individual. This Account has been established and will be administered for the exclusive benefit of the Individual and the Individual's Beneficiaries.

ARTICLE I DEFINITIONS

1.1 Account

The SIMPLE Individual Retirement and Custodial Account (as may be amended from time to time) established under the terms of this Agreement between the Individual and the Custodian creating a SIMPLE IRA.

If this is an Inherited IRA within the meaning of Code §408(d)(3)(C) maintained for the benefit of a Designated Beneficiary of a deceased Individual, references in this document to the "Individual" are to the deceased Individual.

1.2 Applicable Life Expectancy

This is the Individual's life expectancy (or joint life and last survivor expectancy of the Individual and the Individual's Designated Beneficiary) determined by use of the return multiples contained in the tables published at §1.72-9 of the Income Tax Regulations.

1.3 Beneficiary

The person or persons or trust designated to receive the balance held in the Account upon the Individual's death. If the Individual has failed to designate a Beneficiary or all Beneficiaries have predeceased the Individual, the Custodian will distribute the Individual's entire Account balance to the Individual's survivors in the following order of preference:

- (a) Spouse, if any,
- (b) children, if any, in equal shares per stirpes, and
- (c) the executor or personal representative of the Individual's estate.

A trust, estate, charitable organization or other non-living entity may be designated as a Beneficiary or contingent Beneficiary.

The Individual may change their Beneficiary at any time by executing and returning to the Custodian a new beneficiary designation form. The designation will become valid when accepted by the Custodian. If the Individual is a resident of a community property state, the Individual will need the written consent of the Individual's Spouse to terminate the Individual's Spouse's interest in the Individual's IRA in order to designate a primary Beneficiary other than the Individual's Spouse.

In the event that the order of the deaths of the Individual and any primary Beneficiary (or for Inherited Accounts, of the Beneficiary and any primary Contingent Beneficiary), cannot be determined or are deemed to have occurred simultaneously under the law of the Individual or the Individual's Beneficiary's domicile, as the case may be, the survivor shall be that person who is determined to survive in accordance with the law of that state at the time of the Individual or the Individual's Beneficiary's death, as the case may be. In the event that the Individual or the Individual's Beneficiary's death is the result of a criminal act involving any other Beneficiary, the Custodian may look to the state of domicile, including any slayer or similar statute, to determine the rights of the Beneficiaries to the assets in the Account. Contingent Beneficiary means the person or entities entitled to receive any undistributed amount credited to the Account at the time of the Beneficiary's death.

A Beneficiary, whether designated by the Individual or by operation of this paragraph 1.3 may disclaim all or any part of the Beneficiary's interest in the Account by giving written notice of such disclaimer to the Custodian, the Account shall be distributed as if the disclaiming Beneficiary had predeceased the Individual in accordance with the Income Tax Regulation under Code §401(a)(9).

1.4 Catch-Up Contribution

Catch-Up Contributions are Elective Deferrals made to the Plan that are in excess of the applicable Elective Deferral limit under Code §408(p) up to the Catch-up limit for the year or any otherwise applicable Plan limit that is made by Individuals who are age fifty (50) or older (by the end of their tax year). Catch-Up Contributions for a taxable year may not exceed the dollar limit on Catch-Up Contributions under Code §414(v)(2)(B)(i) for the



taxable year or the Individual's Compensation for the taxable year reduced by other Elective Deferrals for the tax year. The dollar limit on Catch-Up Contributions under Code §414(v)(2)(B)(i) is \$2,500, and may be adjusted by the Secretary of the Treasury for cost-of-living increases under Code §414(v)(2)(C).

1.5 Code

The Internal Revenue Code of 1986, as amended. Reference to any section or subsection of the Code, includes reference to any comparable or succeeding provisions of any legislation which amends, supplements or replaces such section or subsection, and also includes reference to any Regulation issued pursuant to or with respect to such section or subsection.

1.6 Compensation

Wages, tips and other compensation from the Employer subject to Federal income tax withholding under Code §3401(a), and all other payments of compensation to an Employee by the Employer (in the course of the Employer's trade or business) for which the Employer is required to furnish the Employee a written statement under Code §6041(d) and §6051(a)(3). Compensation must be determined without regard to any rules under Code §3401(a) that limit the remuneration included in wages based on the nature or location of the employment or the services performed. For Self-Employed Individuals, Compensation is Earned Income from self-employment.

Compensation also includes the Elective Deferrals made under this Plan and, if applicable, Compensation deferred under a Code §457 plan. Compensation does not include any amounts deferred by the Employee pursuant to a Code §125 cafeteria plan, or §132(f)(4) plan. In determining an Employee's Compensation for prior years, the Employee's Elective Deferrals under a Code §401(k) plan, SARSEP or Code §403(b) arrangement are also counted as Compensation.

1.7 Custodian

The financial institution who is sponsoring this SIMPLE Individual Retirement Account. The Custodian may or may not be the Designated Financial Institution defined at paragraph 1.8 of this document.

1.8 Designated Financial Institution

The financial institution selected by the Employer to which all SIMPLE IRA contributions on behalf of Eligible Employees are made.

1.9 Designated Beneficiary

The individual who is designated as the Beneficiary under paragraph 1.3 of the Plan and is the Designated Beneficiary under Code §401(a)(9) and §1.401(a)(9)-1, Q&A-4, of the Income Tax Regulations.

The Individual's Beneficiary may, after the Individual's death, name a person, trust, estate or other entity to receive distributions of any balance remaining in the IRA after their own death. Any person or entity so designated will, upon the death of the Individual's Beneficiary, become the Individual's Beneficiary for all purposes except for required minimum distributions. This additional designation may not extend the schedule of required minimum distributions established when the Individual attains age 70½ or, if sooner, following the Individual's death.

1.10 Disability

A medically determinable physical or mental impairment which prohibits an Individual from engaging in any substantial gainful activity and which can be expected to result in death or to be of long continued and indefinite duration [as defined in Code §72(m)].

1.11 Elective Deferrals

Contributions made at the election of an Individual under the terms of the Employer's SIMPLE IRA Plan via a Salary Deferral Agreement in lieu of cash Compensation. Elective Deferrals must be made pursuant to a Salary Deferral Agreement.

1.12 Egible Employee

Any individual including a Self-Employed Individual who is determined to be an Employee of the Employer as defined in paragraph 1.14 and who is eligible to participate in the Employer's SIMPLE IRA Plan.

1.13 Eligible Retirement Plan

An Eligible Retirement Plan is an eligible plan described under Code §457(b) that is maintained by a state, political subdivision of a state, or any agency or instrumentality of a state or political subdivision of a state and which agrees to separately account for amounts transferred into such Plan from this Plan, an Individual Retirement Account described in Code §408(a), an Individual Retirement Annuity described in Code §408(b), an annuity plan described in Code §403(a), an annuity contract described in Code §403(b), or a qualified plan described in Code §401(a), which accepts the Individual's Eligible Rollover Distribution. The definition of Eligible Retirement Plan shall also apply in the case of a distribution to a Surviving Spouse, or to a Spouse or former Spouse who is the alternate payee under a qualified domestic relations order, as defined in Code §414(p).



1.14 Employer

The eligible entity adopting this SIMPLE IRA Plan, including any eligible entity or assign which succeeds the Employer and adopts this Plan. For the purpose of this Plan, Employer shall also mean the Employer that adopts this Plan and all members of a controlled group of corporations [as defined in Code §414(b), as modified by Code §415(h)], all commonly controlled trades or businesses [as defined in Code §414(c), as modified by Code §415(h)], leased employees as described in Code §414(n) and all affiliated service groups [as defined in Code §414(m)] of which the adopting Employer is a part. Employer shall also include any other entity required to be aggregated with the Employer pursuant to Code §414(o).

1.15 Distribution Calendar Year

A calendar year for which a required minimum distribution is required. For distributions beginning before the Individual's death, the First Distribution Calendar Year is the calendar year immediately preceding the calendar year containing the Individual's Required Beginning Date. For distributions beginning after the Individual's death, the First Distribution Calendar Year is the calendar year in which distributions are required to begin under paragraph 5.3. The required minimum distribution for the Individual's First Distribution Calendar Year will be made on or before the Individual's Required Beginning Date. The Required Minimum Distribution for other Distribution Calendar Years, including the required minimum distribution for the Distribution Calendar Year in which the Individual's Required Beginning Date occurs, will be made on or before December 31 of that Distribution Calendar Year.

1.16 Individual

The person who establishes a SIMPLE Individual Retirement Account under this Agreement.

1.17 Inherited IRA

An Inherited IRA is an IRA whose Beneficiary is a person or entity named by the IRA owner to receive the IRA benefits after the Individual dies. Beneficiaries of an IRA must include in their gross income any taxable distributions they receive. A Surviving Spouse may roll over an Inherited IRA distribution to another IRA or make the Inherited IRA his or her own. If an IRA is inherited from anyone other than the deceased Spouse, the Beneficiary cannot treat the Inherited IRA as his or her own. Consequently, IRA contributions cannot be made to an Inherited IRA, nor can rollover amounts be made to or from the Inherited IRA. However, the Beneficiary may directly transfer the Inherited IRA to another custodian or trustee as long as the IRA into which amounts are being moved is established and maintained in the name of the deceased IRA owner for the benefit of such Beneficiary.

1.18 IRA Application Form

The Account Application Form on which the Individual establishes a SIMPLE Individual Retirement Account (SRA) under this document.

1.19 Per Stirpes

When the Individual dies and there is no Beneficiary Designation on file or no surviving Beneficiary(ies), the Account shall be divided into as many equal shares as there are surviving descendents in the generation nearest to the decedent that contains at least one surviving descendent and deceased decedents in the same generation who left surviving descendents, if any. The share of each deceased descendent who leaves surviving descendents is divided in the same manner, with the subdivision repeating until the property is fully allocated among surviving descendents. A descendent who dies before the descendent and who leaves no surviving descendent is disregarded.

1.20 Plan Year

The Plan Year is the twelve (12) month period starting on January 1 and ending on December 31.

1.21 Qualified Retirement Plan

A corporate or self-employed plan qualified under Code §401(a) and exempt from tax under Code §501(a); an annuity plan described in Code §403(a); a qualified bond purchase plan described in Code §405(a) which was in existence prior to 1984; or a plan under which amounts were contributed by an employer for an annuity contract or custodial account for regulated investment company stock described in Code §403(b).



1.22 Qualified Reservist Distribution

Any distribution to the Individual if:

- (a) such distribution is from a SIMPLE Individual Retirement Account, or from amounts attributable to employer contributions made pursuant to elective deferrals described in Code §408(p)(2)(A), and
- (b) by reason of being a member of a reserve component (as defined in Section 101 of Title 37, United States Code)], the Individual is ordered or called to active duty for a period in excess of 179 days or for an indefinite period, and such distribution is made during the period beginning on the date of such order or call and ending at the close of the active duty period.

If the Individual receives a Qualified Reservist Distribution, the Individual may at any time during the two (2) year period beginning on the date after the end of the active duty period, make one (1) or more contributions to an Individual Retirement Account in an aggregate amount not to exceed the amount of such distribution. The dollar limitations otherwise applicable to contributions to Individual Retirement Accounts shall not apply to any contribution made pursuant to the preceding sentence. No deduction shall be allowed for any contribution pursuant to this paragraph. The 25% early withdrawal penalty tax will not apply to any Qualified Reservist Distribution.

This paragraph applies to Individuals ordered or called to active duty after September 11, 2001, and before December 31, 2007. In no event shall the two (2) year period referred to above end before August 17, 2008 [the date which is two (2) years after the date of the enactment of the Pension Protection Act of 2006].

1.23 Required Beginning Date

The date on which an Individual is required to take his or her first minimum distribution from the IRA. The Individual's entire interest will be distributed, or begin to be distributed, to the Individual no later than the April 1 of the calendar year following the calendar year in which the Individual attains age 70½.

1.24 SIMPLE IRA

An Individual Retirement Account established under Code §408(p) under which employee and employer contributions are made.

1.25 Spouse/Surviving Spouse

The person to whom an Individual is married, or was married in the case of a deceased Individual who was married at the time of his or her death. A former Spouse will be treated in the same manner as a Spouse to the extent provided under a Qualified Domestic Relations Order as described in Code §414(p).

1.26 Tax Year/Taxable Year

The period for which an Individual must report income on his or her Federal income tax return. The tax return of most Individual's is based on the calendar year.

ARTICLE II CONTRIBUTIONS

2.1 Maximum Permissible Amount

This SIMPLE IRA will accept only a cash contribution made by an Employer on behalf of the Individual under a SIMPLE IRA Plan that meets the requirements of §408(p) of the Internal Revenue Code and any rollover contribution or a transfer of assets from another SIMPLE IRA the Individual may have. No other Employer contributions will be accepted.

Elective Deferrals are limited to \$11,500 (in 2010 as may be adjusted by the Secretary of the Treasury). If the Individual is a participant during the year in any other plans where the Individual make elective deferrals or deferred compensation, the Individual's Elective Deferrals under this SIMPLE IRA are also included in the annual limit (\$16,500 for 2010, as adjusted) on exclusions of salary reductions and other elective deferrals.

If by December 31 of any taxable year the Individual is age fifty (50) or older and no other Elective Deferrals can be made for the Individual to the Plan for the year because of limits or restrictions such as the regular annual limit, the Individual may make an additional annual contribution (a "Catch-Up Contribution") to the Individual's SIMPLE IRA up to \$2,500 in 2010 (as indexed) or the Individual's Compensation for the year reduced by the Individual's other elective deferrals for the year. If the Individual is eligible, any annual contribution the Individual makes that exceeds the Individual's Maximum Annual Contribution will be treated as a Catch-Up Contribution (up to the limits described above) unless the Individual elect to treat such amounts as an Excess Contribution described in paragraph 2.3 below.

The maximum amount contributed by the Employer will depend upon the contribution allocation selected by the Employer. Matching Contributions will be made in an amount equal to the Individual's Elective Deferrals up to 3% of the Individual's Compensation. Alternatively, if the Employer chooses to make a Non-Elective Contribution, 2% of the Individual's Compensation will be contributed to the SIMPLE IRA, regardless of whether the Individual makes Elective Deferrals to the Plan.



2.2 Restrictions On Rollovers And Transfers

Prior to the expiration of the two (2) year period beginning on the date the Individual first participated in any SIMPLE IRA Plan maintained by the Individual's Employer, any rollover or transfer the Individual makes of funds during this two (2) year period may be subject to a 25% additional tax if the Individual does not roll over the amount distributed into another SIMPLE IRA. After the expiration of this two (2) year period, the Individual may rollover or transfer funds to any IRA of the Individual's that is qualified under Code §408(a), (b) or (p), or to another Eligible Retirement Plan described in Code §402(c)(8)(B).

2.3 Excess Contributions

If the Individual contributes more than allowed with respect to a Taxable Year, the Individual must notify the Custodian to return to the Individual the excess contribution, together with any investment earnings on that amount, or to apply the excess contribution as a contribution for the Individual's next succeeding Taxable Year. The Individual must notify the Custodian in writing prior to the date on which the Individual files, or is required to file, the Individual's income tax return for the Taxable Year for which the excess contribution was made.

ARTICLE III ACCOUNTS AND INVESTMENTS

3.1 Maintenance of Your SIMPLE IRA

The Custodian will establish and maintain a SIMPLE Individual Retirement Account in the Individual's name under this Agreement. The Account is established for the exclusive benefit of the Individual and the Individual's Beneficiaries. The Individual's Account will be administered separately from any other SIMPLE IRA and the assets of the Individual's SIMPLE IRA will not be commingled with the assets of any other SIMPLE IRA.

If this in an Inherited IRA within the meaning of Code §408(d)(3)(C) maintained for the benefit of a Designated Beneficiary of a deceased Individual, references in this document to the "Individual" are to the deceased Individual.

3.2 Designation of Beneficiary

The Individual may designate from time to time any person or persons, entities, such as a trust, or other recipient acceptable to the Custodian as the Individual's primary and/or contingent Beneficiaries. To be entitled to receive any undistributed amounts credited to the account at the Individual's death, any person or persons designated as a Beneficiary must be alive, and an entity designated as a Beneficiary must be in existence at the time of the Individual's death. The surviving primary Beneficiaries shall first be entitled to receive any undistributed amounts credited to the Account at the Individual's death. If the Individual has designated more than one primary Beneficiary, the Beneficiaries will be entitled to receive any undistributed amount credited to the Account at the time of the Individual's death in the proportions indicated by the Individual. If the Individual has not indicated the proportions to which multiple Beneficiaries may be entitled to or have indicated percentages that do not exactly equal 100%, payment will be made to the surviving Beneficiaries in equal shares. Except as described in the next sentence, if any primary Beneficiary has not survived the Individual, that Beneficiary's share of the Individual's Account will be divided proportionately among the surviving primary Beneficiaries. Notwithstanding anything to the contrary in this paragraph 3.2, if the Individual has indicated that any Beneficiary designation is made on a Per Stirpes basis and the deceased primary Beneficiary has surviving issues, the share of the deceased primary Beneficiary will be divided into equal shares for each such surviving issue. If there are no surviving primary Beneficiaries at the time of the Individual's death, the contingent Beneficiaries, in the order indicated by the Individual (secondary, tertiary, etc.) will be entitled to receive any undistributed amount credited to the Account at the time of the Individual's death and will succeed to the rights of a primary Beneficiary in accordance with this Agreement. If multiple contingent Beneficiaries at the same level become entitled to any amounts credited to the account distribution will be made in the same manner as if the Beneficiaries were multiple Beneficiaries.

The Individual's Beneficiary Designation must be made in a form and manner prescribed by or acceptable to the Custodian. The Beneficiary designation will be effective only if received by the Custodian during the Individual's lifetime. The Individual may change or revoke the Individual's Beneficiary designation at any time before the Individual's death by filing a new Beneficiary designation with the Custodian. Any such change will revoke all prior Beneficiary designations submitted to the Custodian in their entirety. In the event of a dispute as to the Beneficiary of the Individual's Account, the Custodian may in its' discretion rely upon an order of a court of competent jurisdiction determining the Beneficiary, provided that all interested parties (1) had notice of an opportunity to participate in court proceeding, or (2) executed an agreement resolving the dispute. The Custodian reserves the right to ask a court of competent jurisdiction to resolve any Beneficiary dispute and to recover the costs of doing so, including reasonable attorney fees, from the Account. Unless the Custodian has indicated otherwise on the Beneficiary designation, any designation of a Spouse by name or by relationship shall be deemed to be revoked by the Individual's divorce and such Beneficiary, provided that no such revocation shall be deemed final until documentary evidence of such divorce is received in a form and substance acceptable to the Custodian following the Individual's death. The Custodian shall not be liable for any payment or transfer made to a Beneficiary in the absence of such documentation for purposes of this Agreement. Divorce shall mean a final decree of divorce, annulment, or dissolution of the marriage in effect in any jurisdiction.



3.3 Investment Options

Permissible investment alternatives may include stocks, bonds, money market instruments, savings accounts, certificates of deposit, mutual funds (including funds for which the Custodian or any or its affiliates serve as investment advisor), obligations issued or guaranteed by the United States, or in any other investment available for acquisition through the Custodian in its regular course of business and is approved by the Custodian for investment under the SIMPLE IRA. Notwithstanding the above, the Custodian reserves the right to limit the investment vehicles available to an Individual who establishes a SIMPLE IRA under this Agreement. The investment alternatives are specifically intended to include securities or savings accounts or certificates of deposits issued by the Custodian and/or any of its affiliates. The Code prohibits the Custodian from investing any part of an IRA in life insurance contracts or in collectibles. If the Account acquires collectibles within the meaning of Code §408(m), such assets will be treated as a distribution in an amount equal to the cost of such collectible. Investments in either U.S. government issued gold and silver coins after December 11, 1986 or certain state issued coins after November 11, 1988 are not considered collectibles. However, gold and silver coins used as jewelry will be considered collectibles and therefore, are prohibited as an investment.

3.4 Investment Direction

The Individual, or the Individual's Beneficiary following the Individual's death, may at all times direct or retain an agent, investment advisor, or manager to direct the Custodian on the investment or reinvestment of the assets of the Account. All such investment directions must be made in a form or manner acceptable to the Custodian. All investments in the Account will be registered in the name of the Custodian (or its nominee), or retained unregistered or in a form permitting transfer by delivery, however, the books and records of the Custodian must at all times show such investments to be part of the Account.

3.5 Missing Or Unclear Instructions

If the Custodian receives any contribution or other amount to the Account that is not accompanied by instructions directing its investment or that is accompanied by instructions that in the Custodian's opinion are unclear, incomplete, or not in proper form, the Custodian may request additional investment instructions from the Individual. Pending receipt of such investment instructions, the Custodian may (i) hold all or a portion of the contribution amount un-invested, (ii) invest all or a portion of the investment amount to the Individual without liability for loss of income or appreciation pending receipt of proper investment instructions.

3.6 Default Provision

If the Individual does not delegate in writing investment management responsibility to either an investment manager, or to the Custodian, the Individual will be responsible for the investment of assets in the Individual's Account.

3.7 Brokerage Account

The Individual may enter into a separate brokerage agreement with the Custodian. Under the terms of that agreement, the Individual shall have the right to invest in mutual funds, including funds for which the Custodian serves as investment advisor, or in any other investment alternatives permitted under the brokerage agreement.

3.8 Nonforfeitability

The entire amount in the Individual's SIMPLE IRA belongs to the Individual, which means that the Individual's benefit is nonforfeitable at all times. However, the Individual may not pledge any part of the Individual's SIMPLE IRA as security for a loan nor can the Individual assign, transfer, appropriate, encumber, commute, or anticipate the Individual's SIMPLE IRA. The Individual's Account is also protected from legal process to levy upon, garnish, or attach for payment of any claim against the Individual except as may be provided by law.

3.9 Transfers

If this SIMPLE IRA is maintained by a Designated Financial Institution [within the meaning of Code §408(p)7)] under the terms of the SIMPLE IRA plan of the Individual's Employer, the Individual must be permitted to transfer his or her balance without cost or penalty [within the meaning of §408(p)(7)] to another IRA that the Individual maintains that is qualified under Code §408(a),(b) or (p), or to another Eligible Retirement Plan described in Code §402(c)(8)(B).

If the Individual's direction is in a form or manner acceptable to the Custodian, the Custodian will transfer assets held in the Individual's Account directly to the trustee or custodian of another SIMPLE Individual Retirement Account the Individual has established.

All or any portion of the Individual's interest in the Account may be transferred to a former Spouse pursuant to a divorce decree or written instrument incident to divorce as proved in Code §408(d)(6). In such event, the transferred portion of the Account will be held as a separate SIMPLE IRA for the benefit of such Spouse in accordance with the terms and conditions of this Agreement.



ARTICLE IV PAYMENT OF BENEFITS

4.1 Tax Consequences

Generally, the same tax results apply to distributions from a SIMPLE IRA as from a traditional IRA described in Code §408(a) or (b). However, a special rule applies to a payment or distribution received from a SIMPLE IRA during the two (2) year period beginning on the date on which the Individual first participated in any SIMPLE IRA Plan maintained by the Individual's Employer. Under this special rule, the additional income tax on early distributions under Code §72(t) provides that the rate of additional tax is increased from 10% to 25%. If one of the exceptions to the application of the tax under Code §72(t) applies (for example, amounts paid after 59½, after death, or as part of a series of substantially equal payments), the exception also applies to distributions within the two (2) year period and the 25% additional tax does not apply.

4.2 Methods Of Payment

The Individual's retirement benefits must begin to be paid to the Individual no later than the April 1 following the calendar year in which the Individual reach age 70½. Such distributions shall be made in accordance with Code §408(a)(6) or §408(b)(3) and the Regulations thereunder. Not later than March 1 of the year following the calendar year in which the Individual reaches age 70½, the Individual may elect to have the balance in the Individual's SIMPLE IRA paid to the Individual's in:

- (a) a lump-sum payment, or
- (b) installment payments in equal or substantially equal monthly, quarterly, semi-annual, or annual amounts. The payments may be computed over any period of time but not longer than the Individual's life expectancy or the joint life expectancy of the Individual and the Individual's Designated Beneficiary.

Installment payments will continue only so long as amounts remain in the Individual's SIMPLE IRA. Once the Individual's SIMPLE IRA is exhausted, payments will stop. If the Individual has elected installment payments, the Individual may request distribution of all or any part of the remaining balance in the Individual's SIMPLE IRA at any time upon written notice to the Custodian.

4.3 Qualified Reservist Distributions

A Qualified Reservist Distribution (QRD) may be requested if the Individual is a member of a reserve component as defined in Title 37 of the U.S.C. Section 101, who was ordered or called to active duty after September 11, 2001 for a period in excess of 179 days or for an indefinite period. If the individual is called to active duty prior to June 18, 2008, and the Individual's period of active duty continues after June 18, 2008, the Individual may request a QRD if the period of active duty meets the duration requirements. The right to receive a QRD only applies if the Individual is called to active duty. It does not apply to the Individual because another family member is called to active duty.

The Individual may request a QRD on or after the date of the order or call to active duty and before the last day of the year during which the order or call to active duty occurred. The Individual is eligible for a QRD if the order specifies a period of 180 or more days. It does not matter if the actual period of active duty is less or otherwise changed. The Individual will be eligible for a QRD if the original order or call is less than 180 days and subsequent calls or orders increase the total period of active duty to 180 or more days. The 25% early withdrawal penalty tax will not apply to a Qualified Reservist Distribution (QRD).

If the Individual receives a Qualified Reservist Distribution may repay to an IRA (in one or more contributions) the amount of the distribution at any time during the two (2) year period after the end of the active duty period. The dollar limitations that would otherwise apply to the SIMPLE RA contributions will not apply to repayment contributions during such two (2) year period and no deduction is allowed for any contribution made under this provision.

4.4 Qualified Hurricane Distributions

Special rules apply to withdrawals from and repayments to certain retirement plans (including SIMPLE IRAs) for taxpayers who received a Qualified Hurricane Distribution. Most Qualified Hurricane Distributions are eligible for repayment to an Eligible Retirement Plan. Payments received as a Beneficiary (other than a Surviving Spouse), periodic payments (from plans other than IRAs), and required minimum distributions are not eligible for repayment. For distributions eligible for re-payment, the Individual has three (3) years from the day after the date the Individual received this distribution to repay all or part to any plan, annuity, or IRA to which a rollover can be made. Within the time allowed, the Individual may make as many repayments as he or she selects. The total amount repaid cannot be more than the amount of the Qualified Hurricane Distribution. Amounts repaid are treated as a qualified rollover and are not included in income. IRS Publication 590 contains the full criteria and tax information about Qualified Hurricane Distributions. Contributions of Qualified Hurricane Distributions cannot be repaid after Tax Year 2009.



4.5 Qualified Recovery Assistance Distributions

Except as provided below, a Qualified Recovery Assistance Distribution is any distribution received by the Individual and designated as such from an Eligible Retirement Plan for certain disasters. If certain facts are met, the Individual can generally designate any distribution (including periodic payments and required minimum distributions) from an Eligible Retirement Plan as a Qualified Recovery Assistance Distribution, regardless of whether the distribution was made on account of the storms and tornadoes. Qualified Recovery Assistance Distributions are permitted without regard to the Individual's need or the actual amount of the economic loss. The total of Qualified Recovery Assistance Distributions from all plans is limited to \$100,000. Distributions in excess of \$100,000 from more than one type of plan, such as a 401(k) plan and an IRA, may be allocated among the plans in any method selected. Qualified Recovery Assistance Distributions are included in income in equal amounts over three (3) years and are not subject to the 25% tax on early distributions. If elected, the Individual can include the entire distribution in income in the year it was received. The Individual may also repay any portion of a Qualified Recovery Assistance Distribution that is eligible for tax-free rollover treatment to an Eligible Retirement Plan, including this Simple IRA. The Individual has three (3) years from the day after the date the distribution is received to make a repayment. Amounts that are repaid are treated as a qualified rollover and are not included in income. Also for purposes of the one-rollover-per-year limitation for IRAs, a repayment to this Simple IRA is not considered a qualified rollover. A Qualified Recovery Assistance Distribution also includes a Qualified Disaster Recovery Assistance Distribution as explained in detail in Publication 590.

ARTICLE V MINIMUM DISTRIBUTION REQUIREMENTS

5.1 Amount Of Required Minimum Distribution For Each Distribution Calendar Year

Unless the Individual's interest is distributed in a single sum on or before the Required Beginning Date, as of the First Distribution Calendar Year distributions will be made in accordance with this paragraph, and paragraph 5.2 or 5.3. During the Individual's lifetime, the minimum amount that will be distributed for each Distribution Calendar Year is the lesser of:

- (a) The quotient obtained by dividing the value of the IRA as of the preceding year by the distribution period in the Uniform Lifetime Table set forth in Q&A-2 of §1.401(a)(9)-9 of the Income Tax Regulations, using the Individual's age as of his or her birthday in the Distribution Calendar Year; or
- (b) if the Individual's sole Designated Beneficiary is the Individual's Surviving Spouse and such Spouse is more than ten (10) years younger than the Individual, then the distribution period is determined under the Joint and Last Survivor Table in Q&A-3 of §1.401(a)(9)-9 using the Individual's and his or her Spouse's ages on their respective birthdays in that year.

Required minimum distributions will be determined under this paragraph beginning with the First Distribution Calendar Year and up to and including the Distribution Calendar Year that includes the Individual's date of death. The required minimum distribution for the year the Individual attains age 70½ can be made as late as April 1 of the following year. The required minimum distribution for any other year must be made by the end of such year.

5.2 Death Of Individual Before Distributions Begin

If the Individual dies before the Required Beginning Date, the Individual's entire interest will be distributed at least as rapidly as follows:

- (a) If the Designated Beneficiary is someone other than the Individual's Surviving Spouse, the entire interest will be distributed, starting by the end of the calendar year following the calendar year of the Individual's death, over the remaining life expectancy of the Designated Beneficiary, with such life expectancy determined using the age of the Beneficiary as of his or her birthday in the year following the year of the Individual's death, or if elected, in accordance with paragraph (d) below. If this is an Inherited IRA within the meaning of Code §408(d)(3)(C) established for the benefit of a non-Spouse Designated Beneficiary by a direct trustee-to-trustee transfer from a Retirement Plan of a deceased Individual under Code §402(c)(11), then, notwithstanding any election made by the deceased Individual pursuant to the preceding sentence, the non-Spouse Designated Beneficiary may elect to have distributions made under this paragraph (a) if the transfer is made no later than the end of the year following the year of death.
- (b) If the Individual's sole Designated Beneficiary is the Individual's Surviving Spouse, the entire interest will be distributed, starting by the end of the calendar year following the calendar year of the Individual's death (or by the end of the calendar year in which the Individual would have attained age 70½, if later), over such Spouse's life expectancy, or, if elected, in accordance with paragraph (c) below. If the Surviving Spouse dies before distributions are required to begin, the remaining interest will be distributed, starting by the end of the calendar year following the calendar year of the Spouse's death, over the Spouse's Designated Beneficiary's remaining life expectancy determined using such Beneficiary's age as of his or her birthday in the year following the death of the Spouse, or, if elected will be distributed in accordance with paragraph (c) below. If the Surviving Spouse dies after distributions are required to begin, any remaining interest will be distributed over the Spouse's remaining life expectancy determined using the Spouse's age of his or her birthday in the year of the Spouse's death.



- (c) If there is no Designated Beneficiary as of September 30 of the year following the year of the Individual's death or if applicable by the operation of paragraph (a) or (b) above, the Individual's entire interest will be distributed by December 31 of the calendar year containing the fifth anniversary of the Individual's death [or of the Spouse's death in the case of the Surviving Spouse's death before distributions are required to begin under (b) above].
- (d) If the Individual's Surviving Spouse is his or her sole Designated Beneficiary and the Individual's Surviving Spouse dies after the Individual but before distributions to the Surviving Spouse begin, this paragraph 5.2(d), other than paragraph 5.2(a), will apply as if the Surviving Spouse were the Individual.

For purposes of this paragraph and paragraph 5.3, unless paragraph 5.2(d) applies, distributions are considered to begin on the Individual's Required Beginning Date. If paragraph 5.2(d) applies, distributions are considered to begin on the date distributions are required to begin to the Surviving Spouse under paragraph 5.2(a).

- (e) The amount to be distributed each year under paragraph (a) or (b) is the quotient obtained by dividing the value of the IRA as of the end of the preceding year by the remaining life expectancy specified in such paragraph. Life expectancy is determined using the Single Life Table in Q&A-1 of §1.401(a)(9)-9 of the Income Tax Regulations. If distributions are being made to a Surviving Spouse as the sole Designated Beneficiary, such Spouse's remaining life expectancy for a year is the number in the Single Life Table corresponding to such Spouse's age in the year. In all other cases, remaining life expectancy for a year is the number in the Single Life Table corresponding to the Beneficiary's age in the year specified in paragraph (a) or (b) and reduced by one (1) for each subsequent year.
- (f) If the sole Designated Beneficiary is the Individual's Surviving Spouse, the Spouse may elect to treat the IRA as his or her own IRA. This election will be deemed to have been made if such Surviving Spouse fails to take required distributions as a Beneficiary.

5.3 Death Of Individual On Or After Distributions Begin

If the Individual dies on or after the Required Beginning Date, the remaining portion of the Individual's interest will be distributed at least as rapidly as follows:

- (a) If the Designated Beneficiary is someone other than the Individual's Surviving Spouse, the remaining interest will be distributed over the remaining life expectancy of the Designated Beneficiary, with such life expectancy determined using the Beneficiary's age as of his or her birthday in the year following the year of the Individual's death, or, if the distributions are being made over the period described in (c) below if longer.
- (b) If the Individual's sole Designated Beneficiary is the Individual's Surviving Spouse, the remaining interest will be distributed over such Spouse's life expectancy or over the period described in paragraph (c) below if longer. Any interest remaining after such Spouse's death will be distributed over such Spouse's remaining life expectancy determined using the Spouse's age as of his or her birthday in the year of the Spouse's death, or, if the distributions are being made over the period described in paragraph (c) below, over such period.
- (c) If there is no Designated Beneficiary, or if applicable by operation of paragraph (a) or (b) above, the remaining interest will be distributed over the Individual's remaining life expectancy determined in the year of the Individual's death.
- (d) The amount to be distributed each year under paragraph (a), (b) or (c), beginning with the calendar year following the calendar year of the Individual's death, is the quotient obtained by dividing the value of the IRA as of the end of the preceding year by the remaining life expectancy specified in such paragraph. Life expectancy is determined using the Single Life Table in Q&A-1 of §1.401(a)-(9)-9 of the Income Tax Regulations.
- (e) If distributions are being made to a Surviving Spouse as the sole Designated Beneficiary, such Spouse's remaining life expectancy for a year is the number in the Single Life Table corresponding to such Spouse's age in the year. In all other cases, remaining life expectancy for a year is the number in the Single Life Table corresponding to the Beneficiary's or Individual's age in the year specified in paragraph (a), (b) or (c) and reduced by one (1) for each subsequent year.
- (f) If the sole Designated Beneficiary is the Individual's Surviving Spouse, the Spouse may elect to treat the IRA as his or her own. The election will be deemed made if the Surviving Spouse fails to take distributions as Beneficiary.



5.4 Waiver Of Required Minimum Distribution In 2009

In 2009, minimum distributions are not required from this IRA by either the Individual or a Beneficiary. The waiver also applies to Individuals who attain age 70½ in 2009 and choose to delay the 2009 required minimum distribution until April 1, 2010. The waiver does not apply to required minimum distributions for Individuals who turned 70½ in 2008 and chose to take the 2008 required minimum distribution before April 1, 2009.

A Beneficiary receiving distributions over a five (5) year period may generally waive the distribution for 2009, thereby extending payments for one (1) additional year. Distributions received in 2009 that would otherwise be a required minimum distribution may be rolled over into another IRA or Eligible Retirement Plan within sixty (60) days of the distribution. The sixty (60) day requirement was extended to end no earlier than November 30 2009, or sixty (60) days after the distribution was received, whichever was later.

5.5 Payment When A Marital Trust Is The Beneficiary

In the event that the Individual's Spouse survives the Individual, the Individual's IRA shall be distributed to the Qualified Terminable Interest Property ("QTIP") or Qualified Domestic Trust ("QDOT") collectively referred to as "Marital Trust" that the Individual named as Beneficiary. To the extent a QTIP or QDOT is named, assets are held in trust for the use of the Individual's Spouse but pass to whomever the Individual has selected when the Individual's Spouse dies. The Surviving Spouse must be entitled to all trust income payable annually or more frequently for life. No person can have the power to appoint trust property to anyone other than the Individual's Spouse while the Individual's Spouse is alive. The Individual's executor (or personal representative) must elect to treat the trust as QTIP or QDOT property. Payment will be in the form of installments, payable at least annually, equal to the greater of (i) the net income generated or considered generated by this IRA or (ii) the amount required to be distributed under the minimum distribution rules described in this Article. However, the trustee of the QTIP or QDOT Trust has the right at any time to withdraw all or any part of the remaining IRA or at the request of the Surviving Spouse or if necessary to fulfill the Custodian's fiduciary responsibilities under the terms of the QTIP or QDOT Trust Agreement.

ARTICLE VI ADMINISTRATIVE DUTIES

6.1 Duties Of Custodian

The administrative functions performed by the Custodian for the Individual include:

- (a) Setting up and maintaining a SIMPLE Individual Retirement Account in the Individual's name.
- (b) Accepting contributions for deposit to the Individual's SIMPLE IRA.
- (c) Investing the Individual's contributions in accordance with Article III hereof.
- (d) Making payments or distributions from the Individual's SIMPLE IRA in accordance with the Individuals written instructions.
- (e) Preparing and rendering to the Individual an annual report of the SIMPLE IRA for each Plan Year. The report will show the contributions received, the payments and distributions made, the investment earnings received, the market value of assets held in the Individual's Account including gains and/or losses (if applicable) and the balance held in the Individual's Account at the end of the Individual's Plan Year. Such reporting may also include information concerning required minimum distributions as is prescribed by the Commissioner of Internal Revenue.
- (f) Preparing any reports that may be required of the Custodian by the Internal Revenue Service or by any governmental unit or agency having authority to request reports.
- (g) If contributions made on the Individual's behalf pursuant to a SIMPLE IRA Plan maintained by the Individual's Employer are received directly by the Custodian of this SIMPLE IRA from the Employer, the Custodian will provide the Employer with the summary description required by Code §408(1)(2)(B).

6.2 Duties Of Individual

The administrative functions performed by the Individual include:

- (a) Determining the amount of the Individual's annual contribution, if any, under the terms of the Employer's SIMPLE Plan.
- (b) Authorizing any payment or distribution from the Individual's Account.
- (c) Filing Form 5329, Return for Additional Taxes Attributable to Qualified Retirement Plans (including SIMPLE IRAs), Annuities and Modified Endowment Contracts, if the Individual owes an excise tax with respect to the Individual's SIMPLE IRA.



- (d) Furnishing the Custodian with a written explanation of the intended use of any distribution to the Individual prior to the Individual attaining age 59½.
- (e) Furnishing the Custodian with any information the Custodian may need to complete any governmental report required at paragraph 6.1(f) above.

6.3 Fees

The Custodian reserves the right to charge a fee for the administrative and investment services it provides on behalf of the Individual's SIMPLE IRA. If the SIMPLE IRA is maintained with a Designated Financial Institution [within the meaning of Code §408(p)(7)] under the terms of the Employer's SIMPLE IRA Plan, the Individual is permitted to transfer his or her balance without cost or penalty [within the meaning of Code §408(a), (b) or (p)]. No termination fee will be charged for an Account closed as a result of the Individual's death, Disability or within the seven (7) day grace period from the date on which the Individual establishes the Account. Any fees with respect to the Individual's Account will be fully described in a separate fee agreement.

ARTICLE VII POWERS AND RESPONSIBILITIES

7.1 In General

The Custodian will act only as a passive Custodian and shall have only such powers and responsibilities with respect to the SIMPLE IRA Custodial Account as set forth in this Agreement.

7.2 Written Instructions

Any written instructions required in this Agreement must be in a form acceptable to the Custodian. The Custodian shall be fully protected when acting upon any written instructions from the Individual or any other notice, request, consent, certificate or other instrument or paper believed by it to be genuine or properly executed, or to take or omit any action, so long the Custodian acts in good faith.

7.3 Investment Instructions

The Individual's investment instructions shall be accepted by the Custodian in accordance with established banking and/or brokerage customs and procedures. The Custodian shall not be liable for holding all or part of the SIMPLE IRA Account un-invested in cash in absence of any investment instructions from the Individual or the Individual's legal representative. In general, all transactions directed by the Individual shall be subject to the rules, regulations, customs and usages of the exchanges, market or clearinghouse where made, applicable federal and state laws, and the policies and procedures of the Custodian.

7.4 Investment Discretion

Except as otherwise agreed in writing between the Custodian or one of its affiliates and the Individual, the Custodian shall have no discretion to direct any investments of the Individual's SIMPLE IRA Account, and is merely authorized to acquire and hold the particular investments specified by the Individual. The Custodian is not obligated to act upon each and every investment direction and may within its normal and customary practices, decline to act upon a given investment direction.

7.5 Records

The Custodian shall keep accurate records of all receipts, investments, distributions, disbursements and other transactions with respect to the Individual's SIMPLE IRA Custodial Account.

7.6 Proxies And Voting

The Custodian shall deliver or cause to be delivered to the Individual, all notices, prospectus, financial statements, proxies and proxy solicitations relating to securities held in the Individual's SIMPLE IRA. Unless otherwise provided by a directive, pursuant to paragraph 7.3, the Custodian will pass through shareholder rights. If no directive is provided the Custodian shall exercise any shareholder rights (including voting rights) with respect to any securities held but only in accordance with the instructions of the person or persons responsible for the investment of such securities subject to and as permitted by, any applicable rules of the Securities and Exchange Commission and any national securities exchange.

7.7 Right To Request Judicial Assistance

The Custodian shall have the right at any time to apply to a court of competent jurisdiction for judicial settlement of its Accounts or for determination of any questions or constructions that may arise or for instructions. The only necessary party defendant to any such action shall be the Individual establishing the IRA, but we may join any other person or persons as a party defendant. The costs, including attorney's fees, of any other such proceeding shall be charged as administrative expenses under Article VI.



7.8 Indemnification

Any provision of this Agreement to the contrary notwithstanding, the Individual shall duly indemnify and hold the Custodian harmless, its successors and assigns from any and all liability which may arise with respect to the Custodial Account, except liability arising from out gross negligence or willful misconduct.

7.9 Our Right To Resign

The Custodian has the right to resign as Custodian of the Individual's SIMPLE IRA. The Custodian's resignation would be effective sixty (60) days after the date on which the written notice of the Custodian's resignation is mailed to the Individual. In the event of the Custodian's resignation, the Individual must appoint a new custodian or trustee. No further contributions will be accepted once the Custodian's resignation becomes effective. The Custodian will transfer the balance held in the Individual's SIMPLE IRA directly to the successor custodian or trustee on the effective date of the Custodian's resignation or as soon thereafter as practical. If the Individual fails to appoint a new custodian or trustee by the end of the sixty (60) day notification period, the Individual will be deemed to have closed the Individual Account under paragraph 8.4 hereof and to have instructed us to make distribution of the Individual's Account in cash for purposes of a rollover to another SIMPLE IRA. If the Individual's Account cannot be reduced to cash because the assets held are not readily marketable or if the sale of assets would result in substantial loss in value, the Custodian will distribute the assets in the Individual's Account in kind.

7.10Substitution Of Non-Bank Trustee Or Custodian

The non-bank trustee or custodian shall substitute another trustee or custodian if the non-bank trustee or custodian receives notice from the Commissioner of Internal Revenue that such substitution is required because it has failed to comply with the requirements of §1.408-2(e) of the Income Tax Regulations.

ARTICLE VIII AMENDMENT AND TERMINATION

8.1 Our Right To Amend

The Custodian reserves the right to amend any or all provisions of this Individual Retirement Plan at any time without obtaining the Individual's approval or consent to comply with the applicable provision of the Code and the regulations thereunder. The Custodian may also amend this Agreement to reflect any other changes to the terms of this Agreement that the Custodian deems appropriate. Any such amendment to the Agreement is effective upon the delivery of the notice of the amendment to the Individual (or following the Individual's death, the Individual's Beneficiary). Notice may be provided electronically, provided that the Individual or the Individual's Beneficiary has consented to electronic delivery of the Agreement and any and all amendments thereto. For these purposes, the Individual (or following the Individual's death, the Individual's Beneficiary) are deemed to have consented to any amendments to the Agreements if the Individual fails to object thereto by notifying the Custodian, in a form and manner acceptable to the Custodian, within thirty (30) calendar days from the date the notice is delivered to terminate the Agreement. The terms of the Agreement in effect at the Individuals' death, or the death of the Individual's Beneficiary as the case may be, will control the disposition of the assets. No amendment may be adopted which would result in the diversion of any part of the Individual's SIMPLE IRA to purposes other than for the exclusive benefit of the Individual and the Individual's Beneficiaries.

8.2 IRS Qualification

The Custodian intends that this document will meet the requirements of Code §408 as a SIMPLE IRA. Should the Commissioner of Internal Revenue or any delegate of the Commissioner at any time determine that the Plan fails to meet the requirements of Code §408, the Custodian will amend the Plan to maintain its qualified status.

8.3 Restriction On Use Of Document

Use of this document shall be available only to the Accounts of Individuals who meet the requirements of the Code.

8.4 Your Right To Close Your SIMPLE Account

The Individual has the right to terminate his or her SIMPLE IRA at any time upon written notice to the Custodian. If the Individual terminates the SIMPLE IRA within seven (7) days of the date on which the Individual executes the Account Application Form, the Custodian will return any contributions the Individual has made, without adjustment for any earnings or losses. In addition, the Custodian will not impose any termination charge, fee, or similar penalty for a termination within this seven (7) day period.



ARTICLE IX GOVERNING LAW

The Individual's SIMPLE IRA will be administered in accordance with this Agreement, the accompanying Account Application Form, and the Employer's SIMPLE IRA Plan as incorporated herein by reference. The general rules and regulations governing SIMPLE Individual Retirement Accounts are administered by the Internal Revenue Service. Where there are no applicable federal rules, the laws of the State in which the principal office of the Custodian is located shall apply.

September 2010



The following table, referred to as the Single Life Table, is used for determining the life expectancy of an Individual or Beneficiary.

Single Life Table

	Single Life	
<u>Age</u>	Life Expectancy	Age Life Expectancy
0	82.4	56 28.7
	81.6	57 27.9
2	80.6	58 27.0
3	79.7	59 26.1
4	78.7	60 25.2
5	77.7	61 24.4
6	76.7	62 23.5
7	75.8	63 22.7
8	74.8	64 21.8
9	73.8	65 21.0
10	72.8	66 20.2
11	71.8	67 19.4
	70.8	68 18.6
	69.9	69 17.8
	68.9	70 17.0
	67.9	71 16.3
	66.9	72 15.5
	66.0	73 14.8
	65.0	74 14.1
	64.0	75
	63.0	76 12.7
	62.1	77 12.1
	61.1	78 11.4
_	60.1	79 10.8
	59.1	80 10.2
	58.2	81 9.7
	57.2 56.2	82 9.1 83 8.6
	55.3	84
	54.3	85
	53.3	86
	52.4	87 6.7
	51.4	88 6.3
	50.4	89 5.9
	49.4	90 5.5
	48.5	91 5.2
36	47.5	92 4.9
37	46.5	93 4.6
38	45.6	94 4.3
39	44.6	95 4.1
	43.6	96 3.8
	42.7	97 3.6
	41.7	98 3.4
	40.7	99 3.1
	39.8	100
		101 2.7
	37.9 37.0	102 2.5 103 2.3
		103 2.3
	35.1	104 2.1
	34.2	106 1.7
		107 1.5
	32.3	108 1.4
	31.4	109 1.2
	30.5	110 1.1
	29.6	111+ 1.0



The following table, referred to as the Uniform Lifetime Table, is used for determining the distribution period for lifetime distributions to an Individual in situations in which the Individual's Spouse is either not the sole designated Beneficiary or is the sole designated Beneficiary but is not more than 10 years younger than the Individual.

UNIFORM LIFETIME TABLE

Age of Individual	<u>Distribution Period</u>
70	27.4
71	26.5
72	
73	
74	
75	
76 77	
78	
79	
80	
81	
82	17.1
83	
84	
85	
86 87	
87 88	
89	
90	
91	
92	10.2
93	
94	
95	
96 97	
98	
99	
100	
101	5.9
102	
103	
104	
105 106	
107	
108	
109	
110	
111	2.9
112	
113	
114	
115+	1.9



The following table, referred to as the Joint and Last Survivor Table, is used for determining the joint and last survivor life expectancy of two Individuals.

JOINT AND LAST SURVIVOR TABLE

Ages 0	1 2	3	4	5	6	7	8	9	
0 90.0	89.5	89.0	88.6	88.2	87.8	87.4	87.1	86.8	86.5
1 89.5		88.5	88.1	87.6	87.2	86.8	86.5	86.1	85.8
2 89.0		88.0	87.5	87.1	86.6	86.2	85.8	85.5	85.1
3 88.6	88.1	87.5	87.0	86.5	86.1	85.6	85.2	84.8	84.5
4 88.2	87.6	87.1	86.5	86.0	85.5	85.1	84.6	84.2	83.8
5 87.8	87.2	86.6	86.1	85.5	85.0	84.5	84.1	83.6	83.2
6 87.4	86.8	86.2	85.6	85.1	84.5	84.0	83.5	83.1	82.6
7 87.1		85.8	85.2	84.6	84.1	83.5	83.0	82.5	82.1
8 86.8		85.5	84.8	84.2	83.6	83.1	82.5	82.0	81.6
9 86.5		85.1	84.5	83.8	83.2	82.6	82.1	81.6	81.0
10 86.2		84.8	84.1	83.5	82.8	82.2	81.6	81.1	80.6
11 85.9		84.5	83.8	83.1	82.5	81.8	81.2	80.7	80.1
12 85.7		84.2	83.5	82.8	82.1	81.5	80.8	80.2	79.7
13 85.4 14 85.2		84.0 83.7	83.2 83.0	82.5 82.2	81.8 81.5	81.1 80.8	80.5 80.1	79.9 79.5	79.2 78.9
15 85.0		83.5	82.7	82.0	81.2	80.5	79.8	79.1	78.5
16 84.9		83.3	82.5	81.7	81.0	80.2	79.5	78.8	78.1
17 84.7		83.1	82.3	81.5	80.7	80.0	79.2	78.5	77.8
18 84.5		82.9	82.1	81.3	80.5	79.7	79.0	78.2	77.5
19 84.4		82.7	81.9	81.1	80.3	79.5	78.7	78.0	77.3
20 84.3	83.4	82.6	81.8	80.9	80.1	79.3	78.5	77.7	77.0
21 84.1	83.3	82.4	81.6	80.8	79.9	79.1	78.3	77.5	76.8
22 84.0	83.2	82.3	81.5	80.6	79.8	78.9	78.1	77.3	76.5
23 83.9	83.1	82.2	81.3	80.5	79.6	78.8	77.9	77.1	76.3
24 83.8		82.1	81.2	80.3	79.5	78.6	77.8	76.9	76.1
25 83.7		82.0	81.1	80.2	79.3	78.5	77.6	76.8	75.9
26 83.6		81.9	81.0	80.1	79.2	78.3	77.5	76.6	75.8
27 83.6		81.8	80.9	80.0	79.1	78.2	77.4	76.5	75.6
28 83.5		81.7	80.8	79.9	79.0	78.1	77.2	76.4	75.5
29 83.4		81.6	80.7	79.8	78.9	78.0	77.1	76.2	75.4
30 83.4 31 83.3		81.6	80.7 80.6	79.7 79.7	78.8 78.8	77.9 77.8	77.0 76.9	76.1 76.0	75.2 75.1
32 83.3		81.5 81.5	80.5	79.6	78.7	77.8	76.8	75.9	75.1
33 83.2		81.4	80.5	79.5	78.6	77.7	76.8	75.9	74.9
34 83.2		81.3	80.4	79.5	78.5	77.6	76.7	75.8	74.9
35 83.1		81.3	80.4	79.4	78.5	77.6	76.6	75.7	74.8
36 83.1		81.3	80.3	79.4	78.4	77.5	76.6	75.6	74.7
37 83.0	82.2	81.2	80.3	79.3	78.4	77.4	76.5	75.6	74.6
38 83.0	82.1	81.2	80.2	79.3	78.3	77.4	76.4	75.5	74.6
39 83.0		81.1	80.2	79.2	78.3	77.3	76.4	75.5	74.5
40 82.9		81.1	80.2	79.2	78.3	77.3	76.4	75.4	74.5
41 82.9		81.1	80.1	79.2	78.2	77.3	76.3	75.4	74.4
42 82.9		81.1	80.1	79.1	78.2	77.2	76.3	75.3	74.4
43 82.9		81.0	80.1	79.1	78.2	77.2	76.2	75.3	74.3
44 82.8		81.0	80.0	79.1	78.1	77.2	76.2	75.2	74.3
45 82.8		81.0	80.0	79.1	78.1	77.1	76.2	75.2	74.3
46 82.8		81.0	80.0	79.0	/8.1	//.1 77.1	/6.1 74.1	/5.2	74.2
47 82.8 48 82.8		80.9 80.9	80.0 80.0	79.0 79.0	78.0 78.0	77.1 77.1	76.1 76.1	75.2 75.1	74.2 74.2
49 82.7		80.9	79.9	79.0	78.0	77.1	76.1 76.1	75.1 75.1	74.2 74.1
50 82.7		80.9	79.9	79.0	78.0	77.0	76.1	75.1	74.1
51 82.7		80.9	79.9	78.9	78.0	77.0	76.0	75.1	74.1
52 82.7		80.9	79.9	78.9	78.0	77.0	76.0	75.0	74.1
53 82.7		80.8	79.9	78.9	77.9	77.0	76.0	75.0	74.0
54 82.7		80.8	79.9	78.9	77.9	76.9	76.0	75.0	74.0
55 82.6		80.8	79.8	78.9	77.9	76.9	76.0	75.0	74.0
56 82.6	81.7	80.8	79.8	78.9	77.9	76.9	75.9	75.0	74.0



Ages	0	1	2	3	4	5	6	7	8	9
57	82.6	81.7	80.8	79.8	78.9	77.9	76.9	75.9	75.0	74.0
58	82.6	81.7	80.8	79.8	78.8	77.9	76.9	75.9	74.9	74.0
59	82.6	81.7	80.8	79.8	78.8	77.9	76.9	75.9	74.9	74.0
60		81.7	80.8	79.8	78.8	77.8	76.9	75.9	74.9	73.9
61	82.6	81.7	80.8	79.8	78.8	77.8	76.9	75.9	74.9	73.9
62		81.7	80.7	79.8	78.8	77.8	76.9	75.9	74.9	73.9
63		81.7	80.7	79.8	78.8	77.8	76.8	75.9	74.9	73.9
64		81.7	80.7	79.8	78.8	77.8	76.8	75.9	74.9	73.9
65		81.7 81.7	80.7 80.7	79.8 79.7	78.8 78.8	77.8 77.8	76.8 76.8	75.8 75.8	74.9	73.9 73.9
66 67		81.7	80.7	79.7 79.7	76.6 78.8	77.8	76.8	75.8	74.9 74.9	73.9 73.9
68		81.6	80.7	79.7	78.8	77.8	76.8	75.8	74.8	73.9
69		81.6	80.7	79.7	78.8	77.8	76.8	75.8	74.8	73.9
70	82.5	81.6	80.7	79.7	78.8	77.8	76.8	75.8	74.8	73.9
71	82.5	81.6	80.7	79.7	78.7	77.8	76.8	75.8	74.8	73.8
72		81.6	80.7	79.7	78.7	77.8	76.8	75.8	74.8	73.8
73		81.6	80.7	79.7	78.7	77.8	76.8	75.8	74.8	73.8
74		81.6	80.7	79.7	78.7	77.8	76.8	75.8	74.8	73.8
75 76		81.6 81.6	80.7 80.7	79.7 79.7	78.7 78.7	77.8 77.8	76.8 76.8	75.8 75.8	74.8 74.8	73.8 73.8
77		81.6	80.7	79.7 79.7	78.7 78.7	77.0 77.7	76.8	75.8	74.6 74.8	73.8 73.8
78		81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
79		81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
80	82.5	81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
81	82.4	81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
82		81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
83		81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
84		81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
85		81.6	80.6	79.7	78.7	77.7 77.7	76.8	75.8	74.8	73.8
86 87		81.6 81.6	80.6 80.6	79.7 79.7	78.7 78.7	77.7 77.7	76.7 76.7	75.8 75.8	74.8 74.8	73.8 73.8
88		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
89		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
90		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
91	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
92		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
93		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
94		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
95 96		81.6 81.6	80.6 80.6	79.7 79.7	78.7 78.7	77.7 77.7	76.7 76.7	75.8 75.8	74.8 74.8	73.8 73.8
97		81.6	80.6	79.7	78.7 78.7	77.7	76.7 76.7	75.8 75.8	74.8	73.8
98		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
99		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
100	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
101		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
102		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
103		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
104		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
105 106		81.6 81.6	80.6 80.6	79.7 79.7	78.7 78.7	77.7 77.7	76.7 76.7	75.8 75.8	74.8 74.8	73.8 73.8
107		81.6	80.6	79.7 79.7	78.7 78.7	77.7 77.7	76.7 76.7	75.8	74.8 74.8	73.8
108		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
109		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
110		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
111		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
112		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
113		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
114		81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
115+	ŏZ.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8



Ages	10	11	12	13	14	15	16	17	18	19
10	80.0	79.6	79.1	78.7	78.2	77.9	77.5	77.2	76.8	76.5
11		79.0	78.6	78.1	77.7	77.3	76.9	76.5	76.2	75.8
12	79.1	78.6	78.1	77.6	77.1	76.7	76.3	75.9	75.5	75.2
13	78.7	78.1	77.6	77.1	76.6	76.1	75.7	75.3	74.9	74.5
14		77.7	77.1	76.6	76.1	75.6	75.1	74.7	74.3	73.9
15		77.3	76.7	76.1	75.6	75.1	74.6	74.1	73.7	73.3
16		76.9	76.3	75.7	75.1	74.6	74.1	73.6	73.1	72.7
17		76.5	75.9	75.3	74.7	74.1	73.6	73.1	72.6	72.1
18		76.2	75.5	74.9	74.3	73.7	73.1	72.6	72.1	71.6
19		75.8	75.2	74.5	73.9	73.3	72.7	72.1	71.6	71.1
20		75.5	74.8	74.2	73.5	72.9	72.3	71.7	71.1	70.6
21 22		75.3 75.0	74.5 74.3	73.8 73.5	73.2 72.9	72.5 72.2	71.9 71.5	71.3 70.9	70.7 70.3	70.1 69.7
23		74.8	74.3 74.0	73.3	72.6	71.9	71.3	70.5	69.9	69.3
24		74.5	73.8	73.3	72.3	71.6	70.9	70.3	69.5	68.9
25		74.3	73.5	72.8	72.0	71.3	70.7	69.9	69.2	68.5
26		74.1	73.3	72.5	71.8	71.0	70.3	69.6	68.9	68.2
27		74.0	73.1	72.3	71.6	70.8	70.0	69.3	68.6	67.9
28		73.8	73.0	72.2	71.3	70.6	69.8	69.0	68.3	67.6
29		73.6	72.8	72.0	71.2	70.4	69.6	68.8	68.0	67.3
30	74.4	73.5	72.7	71.8	71.0	70.2	69.4	68.6	67.8	67.1
31	74.3	73.4	72.5	71.7	70.8	70.0	69.2	68.4	67.6	66.8
32	74.1	73.3	72.4	71.5	70.7	69.8	69.0	68.2	67.4	66.6
33	74.0	73.2	72.3	71.4	70.5	69.7	68.8	68.0	67.2	66.4
34		73.0	72.2	71.3	70.4	69.5	68.7	67.8	67.0	66.2
35		73.0	72.1	71.2	70.3	69.4	68.5	67.7	66.8	66.0
36		72.9	72.0	71.1	70.2	69.3	68.4	67.6	66.7	65.9
37		72.8	71.9	71.0	70.1	69.2	68.3	67.4	66.6	65.7
38		72.7	71.8	70.9	70.0	69.1	68.2	67.3	66.4	65.6
39		72.7	71.7	70.8	69.9	69.0	68.1	67.2	66.3	65.4
40 41		72.6 72.5	71.7 71.6	70.7 70.7	69.8 69.7	68.9 68.8	68.0 67.9	67.1 67.0	66.2 66.1	65.3 65.2
42		72.5 72.5	71.6 71.5	70.7 70.6	69.7	68.8	67.8	66.9	66.0	65.1
43		72.4	71.5	70.6	69.6	68.7	67.8	66.8	65.9	65.0
44		72.4	71.3	70.5	69.6	68.6	67.7	66.8	65.9	64.9
45		72.3	71.4	70.5	69.5	68.6	67.6	66.7	65.8	64.9
46		72.3	71.4	70.4	69.5	68.5	67.6	66.6	65.7	64.8
47		72.3	71.3	70.4	69.4	68.5	67.5	66.6	65.7	64.7
48		72.2	71.3	70.3	69.4	68.4	67.5	66.5	65.6	64.7
49	73.2	72.2	71.2	70.3	69.3	68.4	67.4	66.5	65.6	64.6
50	73.1	72.2	71.2	70.3	69.3	68.4	67.4	66.5	65.5	64.6
51		72.2	71.2	70.2	69.3	68.3	67.4	66.4	65.5	64.5
52	73.1	72.1	71.2	70.2	69.2	68.3	67.3	66.4	65.4	64.5
53		72.1	71.1	70.2	69.2	68.3	67.3	66.3	65.4	64.4
54		72.1	71.1	70.2	69.2	68.2	67.3	66.3	65.4	64.4
55		72.1	71.1	70.1	69.2	68.2	67.2	66.3	65.3	64.4
56		72.1	71.1	70.1	69.1	68.2	67.2	66.3	65.3	64.3
57		72.0	71.1	70.1	69.1	68.2	67.2	66.2	65.3	64.3
58 59		72.0 72.0	71.0 71.0	70.1 70.1	69.1 69.1	68.1 68.1	67.2 67.2	66.2 66.2	65.2 65.2	64.3 64.3
60		72.0	71.0	70.1	69.1	68.1	67.1	66.2	65.2	64.2
61		72.0	71.0	70.0	69.1	68.1	67.1	66.2	65.2	64.2
62		72.0	71.0	70.0	69.0	68.1	67.1	66.1	65.2	64.2
63		72.0	71.0	70.0	69.0	68.1	67.1	66.1	65.2	64.2
64		71.9	71.0	70.0	69.0	68.0	67.1	66.1	65.1	64.2
65		71.9	71.0	70.0	69.0	68.0	67.1	66.1	65.1	64.2
66		71.9	70.9	70.0	69.0	68.0	67.1	66.1	65.1	64.1
67		71.9	70.9	70.0	69.0	68.0	67.0	66.1	65.1	64.1
68	72.9	71.9	70.9	70.0	69.0	68.0	67.0	66.1	65.1	64.1



Ages	10	11	12	13	14	15	16	17	18	19
69	72.9	71.9	70.9	69.9	69.0	68.0	67.0	66.1	65.1	64.1
70		71.9	70.9	69.9	69.0	68.0	67.0	66.0	65.1	64.1
71		71.9	70.9	69.9	69.0	68.0	67.0	66.0	65.1	64.1
72		71.9	70.9	69.9	69.0	68.0	67.0	66.0	65.1	64.1
73		71.9	70.9	69.9	68.9	68.0	67.0	66.0	65.0	64.1
74		71.9	70.9	69.9	68.9	68.0	67.0	66.0	65.0	64.1
75		71.9	70.9	69.9	68.9	68.0	67.0	66.0	65.0	64.1
76		71.9	70.9	69.9	68.9	68.0	67.0	66.0	65.0	64.1
77		71.9	70.9	69.9	68.9	68.0	67.0	66.0	65.0	64.1
78 79		71.9	70.9	69.9	68.9	67.9	67.0	66.0	65.0	64.0
80		71.9 71.9	70.9 70.9	69.9 69.9	68.9 68.9	67.9 67.9	67.0 67.0	66.0 66.0	65.0 65.0	64.0 64.0
81		71.9	70.9	69.9	68.9	67.9	67.0	66.0	65.0	64.0
82		71.8	70.9	69.9	68.9	67.9	67.0	66.0	65.0	64.0
83		71.8	70.7	69.9	68.9	67.9	67.0	66.0	65.0	64.0
84		71.8	70.9	69.9	68.9	67.9	67.0	66.0	65.0	64.0
85		71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
86		71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
87		71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
88	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
89	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
90	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
91	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
92		71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
93		71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
94		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
95		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
96		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
97		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
98		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
99		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
100		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
101 102		71.8 71.8	70.8 70.8	69.9 69.9	68.9 68.9	67.9 67.9	66.9 66.9	66.0 66.0	65.0 65.0	64.0 64.0
103		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
104		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
105		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
106		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
107		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
108		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
109	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
110		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
111	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
112	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
113		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
114		71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
115+	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
Ages	20	21	22	23	24	25	26	27	28	29
20	70 1	69.6	69.1	68.7	68.3	67.9	67.5	67.2	66.9	66.6
21		69.1	68.6	68.2	67.7	67.3	66.9	66.6	66.2	65.9
22		68.6	68.1	67.6	67.2	66.7	66.3	65.9	65.6	65.2
23		68.2	67.9	67.1	66.6	66.2	65.7	65.3	64.9	64.6
24		67.7	67.2	66.6	66.1	65.6	65.2	64.7	64.3	63.9
25		67.3	66.7	66.2	65.6	65.1	64.6	64.2	63.7	63.3
26		66.9	66.3	65.7	65.2	64.6	64.1	63.6	63.2	62.8
27		66.6	65.9	65.3	64.7	64.2	63.6	63.1	62.7	62.2
28		66.2	65.6	64.9	64.3	63.7	63.2	62.7	62.1	61.7



99 666 65 96 652 946 633 633 628 622 617 612 607 31 661 663 646 639 632 626 620 614 603 602 32 668 661 643 636 629 622 616 610 604 598 33 656 648 641 633 626 619 611 601 604 699 690 35 652 644 636 628 621 614 606 899 893 886 36 6650 649 640 632 624 616 609 601 894 887 580 38 647 639 630 622 624 616 609 691 884 887 580 38 641 637 629 621 641 606 899 891	Ages	20	21	22	23	24	25	26	27	28	29
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32 .658 651 643 641 633 626 619 613 606 600 594 34 .654 646 638 631 623 616 609 603 596 599 593 586 36 .650 642 634 626 619 611 604 596 599 583 37 .649 640 632 624 616 609 601 594 591 583 38 .647 639 630 622 614 606 599 591 584 577 39 .646 637 629 621 612 604 596 589 581 577 40 .644 632 627 617 601 601 594 583 577 571 41 .643 635 626 616 608 899 591 583 585											
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35 .652 644 636 628 621 614 606 599 593 583 36 .650 642 634 626 619 611 604 596 590 583 37 .649 640 632 624 616 609 601 594 587 583 38 .647 639 630 622 614 606 599 591 584 577 39 .646 637 629 621 611 602 594 587 579 571 40 .644 636 626 617 609 601 593 585 577 569 42 .642 633 625 616 608 599 591 583 587 577 569 42 .644 631 622 613 605 596 588 589 581 577 569	33	65.6	64.8	64.1	63.3	62.6	61.9	61.3	60.6	60.0	59.4
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64 63.2 62.2 61.3 60.3 59.4 58.4 57.4 56.5 55.5 54.6 65 63.2 62.2 61.3 60.3 59.3 58.4 57.4 56.5 55.5 54.6 66 63.2 62.2 61.2 60.3 59.3 58.4 57.4 56.4 55.5 54.5 67 63.2 62.2 61.2 60.2 59.3 58.3 57.4 56.4 55.5 54.5 68 63.1 62.2 61.2 60.2 59.3 58.3 57.3 56.4 55.4 54.5 69 63.1 62.2 61.2 60.2 59.3 58.3 57.3 56.4 55.4 54.5 70 63.1 62.2 61.2 60.2 59.3 58.3 57.3 56.4 55.4 54.4 71 63.1 62.1 61.2 60.2 59.2 58.3 57.3 56.3 55.4	62	63.2	62.3	61.3	60.4	59.4	58.4	57.5	56.5	55.6	54.7
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78 63.1 62.1 61.1 60.2 59.2 58.2 57.3 56.3 55.3 54.4 79 63.1 62.1 61.1 60.2 59.2 58.2 57.2 56.3 55.3 54.3 80 63.1 62.1 61.1 60.1 59.2 58.2 57.2 56.3 55.3 54.3 81 63.1 62.1 61.1 60.1 59.2 58.2 57.2 56.3 55.3 54.3 82 63.1 62.1 61.1 60.1 59.2 58.2 57.2 56.3 55.3 54.3 83 63.1 62.1 61.1 60.1 59.2 58.2 57.2 56.3 55.3 54.3 84 63.0 62.1 61.1 60.1 59.2 58.2 57.2 56.3 55.3 54.3 85 63.0 62.1 61.1 60.1 59.2 58.2 57.2 56.3 55.3	76	63.1	62.1	61.1	60.2	59.2	58.2	57.3	56.3	55.3	54.4
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8763.0 62.1 61.1 60.1 59.2 58.2 57.2 56.2 55.3 54.3											



Ages	20	21	22	23	24	25	26	27	28	29
89	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
90		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
91		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
92	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
93	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
94		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
95		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
96		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
97		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
98 99		62.1 62.1	61.1 61.1	60.1 60.1	59.1 59.1	58.2 58.2	57.2	56.2	55.3 55.3	54.3
100		62.1	61.1	60.1	59.1 59.1	58.2	57.2 57.2	56.2 56.2	55.3	54.3 54.3
101		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
102		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
103		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
104		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
105		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
106		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
107	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
108	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
109		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
110		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
111		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
112		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
113		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
114		62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
115+	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
Ages	30	31	32	33	34	35	36	37	38	39
J										
Ages 3031	60.2	31 59.7 59.2	32 59.2 58.7	33 58.8 58.2	34 58.4 57.8	35 58.0 57.4	36 57.6 57.0	37 57.3 56.6	38 57.0 56.3	39 56.7 56.0
30	60.2 59.7	59.7	59.2	58.8	58.4	58.0	57.6	57.3	57.0	56.7
30 31	60.2 59.7 59.2	59.7 59.2	59.2 58.7	58.8 58.2	58.4 57.8	58.0 57.4	57.6 57.0	57.3 56.6	57.0 56.3	56.7 56.0
30 31 32	60.2 59.7 59.2 58.8	59.7 59.2 58.7	59.2 58.7 58.2	58.8 58.2 57.7	58.4 57.8 57.2	58.0 57.4 56.8	57.6 57.0 56.4	57.3 56.6 56.0	57.0 56.3 55.6	56.7 56.0 55.3
30	60.2 59.7 59.2 58.8 58.4 58.0	59.7 59.2 58.7 58.2 57.8 57.4	59.2 58.7 58.2 57.7	58.8 58.2 57.7 57.2	58.4 57.8 57.2 56.7 56.2 55.7	58.0 57.4 56.8 56.2 55.7 55.2	57.6 57.0 56.4 55.8	57.3 56.6 56.0 55.4	57.0 56.3 55.6 55.0	56.7 56.0 55.3 54.7 54.0 53.4
30	60.2 59.7 59.2 58.8 58.4 58.0 57.6	59.7 59.2 58.7 58.2 57.8 57.4 57.0	59.2 58.7 58.2 57.7 57.2 56.8 56.4	58.8 58.2 57.7 57.2 56.7 56.2 55.8	58.4 57.8 57.2 56.7 56.2 55.7 55.3	58.0 57.4 56.8 56.2 55.7 55.2 54.7	57.6 57.0 56.4 55.8 55.3 54.7	57.3 56.6 56.0 55.4 54.8 54.3 53.7	57.0 56.3 55.6 55.0 54.4 53.8 53.3	56.7 56.0 55.3 54.7 54.0 53.4 52.8
30	60.2 59.7 59.2 58.8 58.4 58.0 57.6	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3
30	60.2 59.7 59.2 58.8 58.4 58.0 57.6 57.3	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7
30	60.2 59.7 59.2 58.8 58.4 57.6 57.6 57.3	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6 55.3	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2
30	60.2 59.7 59.2 58.8 58.4 58.0 57.6 57.3 57.0 56.7	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6 55.3 55.0	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7 51.3	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8
30	60.2 59.7 59.2 58.8 58.4 58.0 57.3 57.0 56.7 56.4	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6 55.3 55.0 54.7	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8 51.4	57.0 56.3 55.6 55.0 54.4 53.3 52.7 52.2 51.7 51.3 50.9	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 50.3
30	60.2 59.7 59.2 58.8 58.0 57.6 57.3 57.0 56.7 56.4 56.1	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6 55.3 55.0 54.7 54.4	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3 53.0	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8 51.4 51.1	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7 51.3 50.9 50.4	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 50.3 49.9
30	60.2 59.7 59.2 58.8 58.0 57.6 57.3 57.0 56.7 56.1 55.9	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2 54.9	59.2 58.7 58.2 57.7 57.2 56.8 56.4 55.6 55.6 55.3 55.0 54.7 54.4 54.2	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7 53.4	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3 53.0 52.7	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3 52.0	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7 51.3	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8 51.4 51.1 50.7	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7 51.3 50.9 50.4 50.1	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 50.3 49.9 49.5
30	60.2 59.7 59.2 58.8 58.0 57.6 57.3 57.0 56.7 56.1 55.9 55.7	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2 54.9 54.7	59.2 58.7 58.2 57.7 57.2 56.8 56.4 55.6 55.6 55.3 55.0 54.7 54.4 54.2 53.9	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7 53.4 53.2	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3 53.0 52.7 52.4	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3 52.0 51.7	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7 51.3 51.0	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.7 52.7 52.3 51.8 51.4 51.1 50.7 50.4	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7 51.3 50.9 50.4 50.1 49.7	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 50.3 49.9 49.5 49.1
30	60.2 59.7 59.2 58.8 58.0 57.6 57.3 57.0 56.7 56.1 55.9 55.7	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2 54.9 54.7 54.5	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6 55.3 55.0 54.7 54.4 54.2 53.9 53.7	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7 53.4 53.2 52.9	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3 53.0 52.7 52.4 52.2	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3 52.0 51.7 51.5	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7 51.3 51.0 50.7	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.7 52.7 52.3 51.8 51.4 51.1 50.7 50.4 50.0	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7 51.3 50.9 50.4 50.1 49.7 49.4	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 50.3 49.9 49.5 49.1
30	60.2 59.7 59.2 58.8 58.0 57.6 57.3 57.0 56.7 56.7 55.9 55.5 55.5	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2 54.9 54.7 54.5 54.3	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6 55.3 55.0 54.7 54.4 54.2 53.9 53.7 53.5	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7 53.4 53.2 52.9 52.7	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3 53.0 52.7 52.4 52.2 52.0	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3 52.0 51.7 51.5 51.2	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7 51.3 51.0 50.7 50.5	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8 51.4 51.1 50.7 50.4 50.0 49.8	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7 51.3 50.9 50.4 50.1 49.7 49.4 49.1	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 49.9 49.5 49.1 48.7 48.4
30	60.2 59.7 59.2 58.8 58.4 57.6 57.3 57.0 56.7 56.1 55.9 55.9 55.5 55.3	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2 54.9 54.7 54.5 54.3 54.1	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6 55.3 55.0 54.7 54.4 54.2 53.9 53.7 53.5 53.3	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7 53.4 53.2 52.9 52.7 52.5	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3 53.0 52.7 52.4 52.2 52.0 51.7	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3 52.0 51.7 51.5 51.2 51.0	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7 51.3 51.0 50.7 50.5 50.2	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8 51.4 51.1 50.7 50.4 50.0 49.8 49.5	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7 51.3 50.9 50.1 49.7 49.4 49.1 48.8	56.7 56.0 55.3 54.7 54.7 53.4 52.8 52.3 51.7 51.2 50.8 50.3 49.9 49.5 49.1 48.7 48.4 48.1
30	60.2 59.7 59.2 58.8 58.4 57.3 57.0 56.7 56.1 55.9 55.9 55.5 55.3 55.1	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2 54.9 54.7 54.5 54.3	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6 55.3 55.0 54.7 54.4 54.2 53.9 53.7 53.5	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7 53.4 53.2 52.9 52.7	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3 53.0 52.7 52.4 52.2 52.0	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3 52.0 51.7 51.5 51.2	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7 51.3 51.0 50.7 50.5	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8 51.4 51.1 50.7 50.4 50.0 49.8	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7 51.3 50.9 50.4 50.1 49.7 49.4 49.1	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 49.9 49.5 49.1 48.7 48.4
30	60.2 59.7 59.2 58.8 58.4 58.0 57.3 57.0 56.7 56.1 55.9 55.7 55.5 55.5 55.5	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2 54.9 54.7 54.5 54.3 54.1 54.0	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6 55.3 55.0 54.7 54.4 54.2 53.9 53.7 53.5 53.3 53.2	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7 53.4 53.2 52.9 52.7 52.5 52.3	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3 53.0 52.7 52.4 52.2 52.0 51.7 51.5	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3 52.0 51.7 51.5 51.2 51.0 50.8	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7 51.3 51.0 50.7 50.5 50.2 50.0	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8 51.4 51.1 50.7 50.4 50.0 49.8 49.5 49.2	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7 51.3 50.9 50.4 50.1 49.7 49.4 49.1 48.8 48.5	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 50.3 49.9 49.5 49.1 48.7 48.4 48.1 47.8
30	60.2 59.7 59.2 58.8 58.4 57.3 57.0 56.7 56.1 55.9 55.5 55.5 55.5 55.5	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2 54.9 54.7 54.5 54.3 54.1 54.0 53.8	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6 55.3 55.0 54.7 54.4 54.2 53.9 53.7 53.5 53.3 53.2 53.0	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7 53.4 53.4 53.2 52.9 52.7 52.5 52.3 52.2	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.0 53.7 53.3 53.0 52.7 52.2 52.0 51.7 51.5 51.4	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3 52.0 51.7 51.5 51.2 51.0 50.8 50.6	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7 51.3 51.0 50.7 50.5 50.2 50.0 49.8	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8 51.4 51.1 50.7 50.0 49.8 49.5 49.2 49.0	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7 51.3 50.9 50.4 50.1 49.7 49.4 49.1 48.8 48.5 48.5	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 50.3 49.9 49.5 49.1 48.7 48.4 47.8 47.5
30	60.2 59.7 59.2 58.8 58.0 57.0 57.0 56.7 56.1 55.9 55.5 55.5 55.5 55.5	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2 54.9 54.7 54.5 54.3 54.1 54.0 53.8 53.7	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6 55.3 55.0 54.7 54.4 54.2 53.9 53.7 53.5 53.2 53.0 52.9	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7 53.4 53.2 52.2 52.3 52.2 52.0	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3 53.0 52.7 52.4 52.2 55.7 51.5 51.4 51.2	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3 52.0 51.7 51.2 51.0 50.8 50.6 50.4	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7 51.3 51.0 50.7 50.5 50.2 50.0 49.8 49.6	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8 51.4 51.1 50.7 50.4 50.0 49.8 49.5 49.2 49.0 48.8	57.0 56.3 55.6 55.0 54.4 53.3 52.7 52.2 51.7 51.3 50.9 50.4 50.1 49.7 49.4 49.1 48.8 48.5 48.2 48.0	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 50.3 49.9 49.5 49.1 48.7 48.4 47.8 47.5 47.3
30	60.2 59.7 59.2 58.8 58.0 57.0 56.7 56.7 56.1 55.9 55.5 55.5 55.3 55.1 55.1 55.1 54.8 54.7 54.6	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2 54.9 54.7 54.5 54.3 54.1 54.0 53.8 53.7 53.6	59.2 58.7 58.2 57.7 57.2 56.8 56.4 56.0 55.6 55.3 55.0 54.7 54.4 54.2 53.9 53.7 53.5 53.3 53.2 53.0 52.9 52.7	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7 53.4 53.2 52.9 52.7 52.5 52.3 52.2 52.0 51.9	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3 53.0 52.7 52.4 52.2 51.7 51.5 51.4 51.2 51.0	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3 52.0 51.7 51.5 51.2 51.0 50.8 50.6 50.4 50.2	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7 51.3 51.0 50.7 50.5 50.2 50.0 49.8 49.6 49.4	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8 51.4 51.1 50.7 50.4 50.0 49.8 49.5 49.0 48.8 48.6	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7 51.3 50.9 50.4 50.1 49.7 49.1 48.8 48.5 48.2 48.0 47.8	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 50.3 49.9 49.5 49.1 48.7 48.1 47.8 47.5 47.3
30	60.2 59.7 59.2 58.8 58.0 57.0 56.7 56.7 56.1 55.9 55.5 55.5 55.3 55.1 55.0 54.7 54.6 54.7	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2 54.9 54.7 54.5 54.3 54.1 54.0 53.8 53.7 53.6 53.5 53.4 53.3	59.2 58.7 58.2 57.7 57.2 56.8 56.4 55.6 55.3 55.0 54.7 54.4 54.2 53.9 53.7 53.5 53.3 53.2 53.0 52.9 52.7 52.6 52.5 52.4	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7 53.4 53.2 52.9 52.7 52.5 52.3 52.2 52.0 51.9 51.7	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3 53.0 52.7 52.4 52.2 52.0 51.7 51.5 51.4 51.2 51.0 50.9	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3 52.0 51.7 51.5 51.2 51.0 50.8 50.6 50.4 50.2 50.0	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7 51.3 51.0 50.7 50.7 50.2 50.0 49.8 49.6 49.4 49.2	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8 51.4 51.1 50.7 50.4 50.0 49.8 49.5 49.0 48.8 48.6 48.4	57.0 56.3 55.6 55.0 54.4 53.8 53.8 52.7 52.2 51.7 51.3 50.9 50.4 50.1 49.7 49.4 49.1 48.8 48.5 48.2 48.0 47.8 47.6	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 50.3 49.9 49.5 49.1 48.7 48.4 47.5 47.3 47.0 46.8
30	60.2 59.7 59.2 58.8 58.4 57.6 57.3 57.0 56.7 56.1 56.1 55.9 55.5 55.3 55.1 55.0 54.8 54.7 54.6 54.5	59.7 59.2 58.7 58.2 57.8 57.4 57.0 56.6 56.3 56.0 55.7 55.4 55.2 54.9 54.7 54.5 54.3 54.1 54.0 53.8 53.7 53.6 53.5 53.4	59.2 58.7 58.2 57.7 57.2 56.8 56.4 55.6 55.3 55.0 54.7 54.4 54.2 53.9 53.7 53.5 53.3 53.2 53.0 52.9 52.7 52.6 52.5	58.8 58.2 57.7 57.2 56.7 56.2 55.8 55.4 55.0 54.7 54.3 54.0 53.7 53.4 53.2 52.9 52.7 52.5 52.3 52.2 52.0 51.9 51.7 51.6	58.4 57.8 57.2 56.7 56.2 55.7 55.3 54.8 54.4 54.0 53.7 53.3 53.0 52.7 52.4 52.2 52.0 51.7 51.5 51.4 51.2 51.0 50.9 50.8	58.0 57.4 56.8 56.2 55.7 55.2 54.7 54.3 53.8 53.4 53.0 52.7 52.3 52.0 51.7 51.5 51.2 51.0 50.8 50.6 50.4 50.2 50.0 49.9	57.6 57.0 56.4 55.8 55.3 54.7 54.2 53.7 53.3 52.8 52.4 52.0 51.7 51.3 51.0 50.7 50.2 50.0 49.8 49.6 49.4 49.2 49.1	57.3 56.6 56.0 55.4 54.8 54.3 53.7 53.2 52.7 52.3 51.8 51.4 51.1 50.7 50.4 50.0 49.8 49.5 49.2 49.0 48.8 48.6 48.4 48.2	57.0 56.3 55.6 55.0 54.4 53.8 53.3 52.7 52.2 51.7 51.3 50.9 50.4 50.1 49.7 49.4 49.1 48.5 48.5 48.2 47.6 47.4	56.7 56.0 55.3 54.7 54.0 53.4 52.8 52.3 51.7 51.2 50.8 50.3 49.9 49.5 49.1 48.7 48.4 47.5 47.3 47.0 46.8 46.6



Ages	30	31	32	33	34	35	36	37	38	39
57	54.0	53.0	52.1	51.2	50.3	49.4	48.6	47.7	46.8	46.0
58		53.0	52.1	51.2	50.3	49.4	48.5	47.6	46.7	45.8
59	53.8	52.9	52.0	51.1	50.2	49.3	48.4	47.5	46.6	45.7
60	53.8	52.9	51.9	51.0	50.1	49.2	48.3	47.4	46.5	45.6
61	53.8	52.8	51.9	51.0	50.0	49.1	48.2	47.3	46.4	45.5
62	53.7	52.8	51.8	50.9	50.0	49.1	48.1	47.2	46.3	45.4
63	53.7	52.7	51.8	50.9	49.9	49.0	48.1	47.2	46.3	45.3
64	53.6	52.7	51.8	50.8	49.9	48.9	48.0	47.1	46.2	45.3
65	53.6	52.7	51.7	50.8	49.8	48.9	48.0	47.0	46.1	45.2
66		52.6	51.7	50.7	49.8	48.9	47.9	47.0	46.1	45.1
67		52.6	51.7	50.7	49.8	48.8	47.9	46.9	46.0	45.1
68		52.6	51.6	50.7	49.7	48.8	47.8	46.9	46.0	45.0
69		52.6	51.6	50.6	49.7	48.7	47.8	46.9	45.9	45.0
70		52.5	51.6	50.6	49.7	48.7	47.8	46.8	45.9	44.9
71		52.5	51.6	50.6	49.6	48.7	47.7	46.8	45.9	44.9
72		52.5	51.5	50.6	49.6	48.7	47.7	46.8	45.8	44.9
73		52.5	51.5	50.6	49.6	48.6	47.7	46.7	45.8	44.8
74		52.5	51.5	50.5	49.6	48.6	47.7	46.7	45.8	44.8
75		52.5	51.5	50.5	49.6	48.6	47.7	46.7	45.7	44.8
76		52.4	51.5	50.5	49.6	48.6	47.6	46.7	45.7	44.8
77		52.4 52.4	51.5	50.5	49.5	48.6	47.6	46.7	45.7	44.8
78 79		52.4 52.4	51.5	50.5	49.5	48.6	47.6	46.6	45.7 45.7	44.7
80		52.4 52.4	51.5 51.4	50.5 50.5	49.5 49.5	48.6 48.5	47.6 47.6	46.6 46.6	45.7 45.7	44.7 44.7
81		52.4	51.4	50.5	49.5	48.5	47.6	46.6	45.7	44.7
82		52.4	51.4	50.5	49.5	48.5	47.6	46.6	45.7	44.7
83		52.4	51.4	50.5	49.5	48.5	47.6	46.6	45.6	44.7
84		52.4	51.4	50.5	49.5	48.5	47.6	46.6	45.6	44.7
85		52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.7
86		52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
87		52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
88		52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
89		52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
90		52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
91	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
92	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
93	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
94	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
95	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
96	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
97	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
98		52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
99		52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
100		52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
101		52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
102		52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
103		52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
104		52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
105		52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
106		52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
107		52.4	51.4	50.4	49.4 40.4	48.5	47.5	46.5 46.5	45.6	44.6
108 109		52.4	51.4	50.4	49.4 40.4	48.5	47.5	46.5 46.5	45.6	44.6
110		52.4 52.4	51.4 51.4	50.4	49.4 49.4	48.5 48.5	47.5 47.5	46.5 46.5	45.6 45.6	44.6 44.6
111		52.4 52.4	51.4 51.4	50.4	49.4 49.4	48.5 48.5	47.5 47.5	46.5 46.5	45.6 45.6	44.6 44.6
112		52.4 52.4	51.4 51.4	50.4 50.4	49.4 49.4	48.5 48.5	47.5 47.5	46.5 46.5	45.6 45.6	44.6 44.6
113		52.4	51.4	50.4	49.4 49.4	48.5	47.5 47.5	46.5	45.6 45.6	44.6
114		52.4	51.4	50.4	49.4	46.5 48.5	47.5 47.5	46.5	45.6	44.6
115+		52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
		52.1	0 1	55.1		. 5. 6		. 5.0	.5.0	. 1.0



Ages	40	41	42	43	44	45	46	47	48	49
40	50.2	49.8	49.3	48.9	48.5	48.1	47.7	47.4	47.1	46.8
41	49.8	49.3	48.8	48.3	47.9	47.5	47.1	46.7	46.4	46.1
42	49.3	48.8	48.3	47.8	47.3	46.9	46.5	46.1	45.8	45.4
43	48.9	48.3	47.8	47.3	46.8	46.3	45.9	45.5	45.1	44.8
44	48.5	47.9	47.3	46.8	46.3	45.8	45.4	44.9	44.5	44.2
45	48.1	47.5	46.9	46.3	45.8	45.3	44.8	44.4	44.0	43.6
46		47.1	46.5	45.9	45.4	44.8	44.3	43.9	43.4	43.0
47		46.7	46.1	45.5	44.9	44.4	43.9	43.4	42.9	42.4
48		46.4	45.8	45.1	44.5	44.0	43.4	42.9	42.4	41.9
49		46.1	45.4	44.8	44.2	43.6	43.0	42.4	41.9	41.4
50		45.8	45.1	44.4	43.8	43.2	42.6	42.0	41.5	40.9
51		45.5 45.2	44.8	44.1	43.5	42.8	42.2	41.6	41.0	40.5
52		45.3	44.6	43.8	43.2	42.5	41.8	41.2	40.6	40.1
53 54		45.1 44.8	44.3 44.1	43.6 43.3	42.9 42.6	42.2 41.9	41.5 41.2	40.9 40.5	40.3 39.9	39.7 39.3
55		44.0 44.7	43.9	43.3 43.1	42.0 42.4	41.9	40.9	40.3	39.9 39.6	39.3 38.9
56		44.7	43.7	42.9	42.4	41.4	40.7	40.2	39.3	38.6
57		44.3	43.5	42.7	41.9	41.2	40.4	39.7	39.0	38.3
58		44.2	43.3	42.5	41.7	40.9	40.2	39.4	38.7	38.0
59		44.0	43.2	42.4	41.5	40.7	40.0	39.2	38.5	37.8
60		43.9	43.0	42.2	41.4	40.6	39.8	39.0	38.2	37.5
61		43.8	42.9	42.1	41.2	40.4	39.6	38.8	38.0	37.3
62		43.7	42.8	41.9	41.1	40.3	39.4	38.6	37.8	37.1
63		43.6	42.7	41.8	41.0	40.1	39.3	38.5	37.7	36.9
64	44.4	43.5	42.6	41.7	40.8	40.0	39.2	38.3	37.5	36.7
65	44.3	43.4	42.5	41.6	40.7	39.9	39.0	38.2	37.4	36.6
66	44.2	43.3	42.4	41.5	40.6	39.8	38.9	38.1	37.2	36.4
67	44.2	43.3	42.3	41.4	40.6	39.7	38.8	38.0	37.1	36.3
68	44.1	43.2	42.3	41.4	40.5	39.6	38.7	37.9	37.0	36.2
69	44.1	43.1	42.2	41.3	40.4	39.5	38.6	37.8	36.9	36.0
70	44.0	43.1	42.2	41.3	40.3	39.4	38.6	37.7	36.8	35.9
71	44.0	43.0	42.1	41.2	40.3	39.4	38.5	37.6	36.7	35.9
72		43.0	42.1	41.1	40.2	39.3	38.4	37.5	36.6	35.8
73		43.0	42.0	41.1	40.2	39.3	38.4	37.5	36.6	35.7
74		42.9	42.0	41.1	40.1	39.2	38.3	37.4	36.5	35.6
75		42.9	42.0	41.0	40.1	39.2	38.3	37.4	36.5	35.6
76		42.9	41.9	41.0	40.1	39.1	38.2	37.3	36.4	35.5
77		42.9	41.9	41.0	40.0	39.1	38.2	37.3	36.4	35.5
78		42.8	41.9	40.9	40.0	39.1	38.2	37.2	36.3	35.4
79 80		42.8 42.8	41.9 41.8	40.9 40.9	40.0 40.0	39.1 39.0	38.1 38.1	37.2 37.2	36.3 36.3	35.4 35.4
81		42.8	41.8	40.9	39.9	39.0	38.1	37.2	36.2	35.4
82		42.8	41.8	40.9	39.9	39.0	38.1	37.2	36.2	35.3
83		42.8	41.8	40.9	39.9	39.0	38.0	37.1	36.2	35.3
84		42.7	41.8	40.8	39.9	39.0	38.0	37.1	36.2	35.3
85		42.7	41.8	40.8	39.9	38.9	38.0	37.1	36.2	35.2
86		42.7	41.8	40.8	39.9	38.9	38.0	37.1	36.1	35.2
87		42.7	41.8	40.8	39.9	38.9	38.0	37.0	36.1	35.2
88	43.7	42.7	41.8	40.8	39.9	38.9	38.0	37.0	36.1	35.2
89	43.7	42.7	41.7	40.8	39.8	38.9	38.0	37.0	36.1	35.2
90	43.7	42.7	41.7	40.8	39.8	38.9	38.0	37.0	36.1	35.2
91		42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.2
92		42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.1
93		42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.1
94		42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.1
95		42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.1
96		42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.1
97		42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.1
98		42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.0	35.1
99	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.0	35.1



Ages	40	41	42	43	44	45	46	47	48	49
100	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.0	35.1
101	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.0	35.1
102	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.0	35.1
103	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.0	35.1
104	43.6	42.7	41.7	40.8	39.8	38.8	37.9	37.0	36.0	35.1
105		42.7	41.7	40.8	39.8	38.8	37.9	37.0	36.0	35.1
106		42.7	41.7	40.8	39.8	38.8	37.9	37.0	36.0	35.1
107		42.7	41.7	40.8	39.8	38.8	37.9	37.0	36.0	35.1
108		42.7	41.7	40.8	39.8	38.8	37.9	37.0	36.0	35.1
109		42.7	41.7	40.7	39.8	38.8	37.9	37.0	36.0	35.1
110		42.7	41.7	40.7	39.8	38.8	37.9	37.0	36.0	35.1
111 112		42.7 42.7	41.7 41.7	40.7 40.7	39.8 39.8	38.8 38.8	37.9 37.9	37.0 37.0	36.0 36.0	35.1 35.1
113		42.7	41.7	40.7	39.8	38.8	37.9	37.0	36.0	35.1
114		42.7	41.7	40.7	39.8	38.8	37.9	37.0	36.0	35.1
115+		42.7	41.7	40.7	39.8	38.8	37.9	37.0	36.0	35.1
1131	43.0	72.7	71.7	40.7	37.0	30.0	31.7	37.0	30.0	33.1
Ages	50	51	52	53	54	55	56	57	58	59
50	40.4	40.0	39.5	39.1	38.7	38.3	38.0	37.6	37.3	37.1
51		39.5	39.0	38.5	38.1	37.7	37.4	37.0	36.7	36.4
52	39.5	39.0	38.5	38.0	37.6	37.2	36.8	36.4	36.0	35.7
53	39.1	38.5	38.0	37.5	37.1	36.6	36.2	35.8	35.4	35.1
54	38.7	38.1	37.6	37.1	36.6	36.1	35.7	35.2	34.8	34.5
55		37.7	37.2	36.6	36.1	35.6	35.1	34.7	34.3	33.9
56		37.4	36.8	36.2	35.7	35.1	34.7	34.2	33.7	33.3
57		37.0	36.4	35.8	35.2	34.7	34.2	33.7	33.2	32.8
58		36.7	36.0	35.4	34.8	34.3	33.7	33.2	32.8	32.3
59		36.4	35.7	35.1	34.5	33.9	33.3	32.8	32.3	31.8
60 61		36.1	35.4	34.8 34.5	34.1	33.5 33.2	32.9	32.4	31.9 31.4	31.3 30.9
62		35.8 35.6	35.1 34.9	34.2	33.8 33.5	32.9	32.6 32.2	32.0 31.6	31.4	30.5
63		35.4	34.6	33.9	33.2	32.6	31.9	31.3	30.7	30.1
64		35.2	34.4	33.7	33.0	32.3	31.6	31.0	30.4	29.8
65		35.0	34.2	33.5	32.7	32.0	31.4	30.7	30.0	29.4
66		34.8	34.0	33.3	32.5	31.8	31.1	30.4	29.8	29.1
67	35.5	34.7	33.9	33.1	32.3	31.6	30.9	30.2	29.5	28.8
68	35.3	34.5	33.7	32.9	32.1	31.4	30.7	29.9	29.2	28.6
69		34.4	33.6	32.8	32.0	31.2	30.5	29.7	29.0	28.3
70	35.1	34.3	33.4	32.6	31.8	31.1	30.3	29.5	28.8	28.1
71		34.2	33.3	32.5	31.7	30.9	30.1	29.4	28.6	27.9
72		34.1	33.2	32.4	31.6	30.8	30.0	29.2	28.4	27.7
73		34.0	33.1	32.3	31.5	30.6	29.8	29.1	28.3	27.5
74 75		33.9	33.0	32.2 32.1	31.4	30.5	29.7 29.6	28.9	28.1	27.4
		33.8	33.0 32.0		31.3	30.4 30.3		28.8	28.0 27.0	27.2 27.1
76 77		33.8 33.7	32.9 32.8	32.0 32.0	31.2 31.1	30.3 30.3	29.5 29.4	28.7 28.6	27.9 27.8	27.1 27.0
78		33.6	32.8	31.9	31.0	30.2	29.3	28.5	27.7	26.9
79		33.6	32.7	31.8	31.0	30.1	29.3	28.4	27.6	26.8
80		33.6	32.7	31.8	30.9	30.1	29.2	28.4	27.5	26.7
81		33.5	32.6	31.8	30.9	30.0	29.2	28.3	27.5	26.6
82	34.4	33.5	32.6	31.7	30.8	30.0	29.1	28.3	27.4	26.6
83		33.5	32.6	31.7	30.8	29.9	29.1	28.2	27.4	26.5
84		33.4	32.5	31.7	30.8	29.9	29.0	28.2	27.3	26.5
85		33.4	32.5	31.6	30.7	29.9	29.0	28.1	27.3	26.4
86		33.4	32.5	31.6	30.7	29.8	29.0	28.1	27.2	26.4
87		33.4	32.5	31.6	30.7	29.8	28.9	28.1	27.2	26.4
88		33.4	32.5	31.6	30.7	29.8	28.9	28.0	27.2	26.3
89		33.3	32.4	31.5	30.7	29.8	28.9	28.0	27.2	26.3
90		33.3	32.4	31.5	30.6	29.8	28.9	28.0	27.1	26.3
91	34.2	33.3	32.4	31.5	30.6	29.7	28.9	28.0	27.1	26.3



Ages	50	51	52	53	54	55	56	57	58	59
92	34.2	33.3	32.4	31.5	30.6	29.7	28.8	28.0	27.1	26.2
93		33.3	32.4	31.5	30.6	29.7	28.8	28.0	27.1	26.2
94		33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.1	26.2
95		33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.1	26.2
96	34.2	33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.0	26.2
97	34.2	33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.0	26.2
98	34.2	33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.0	26.2
99		33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.0	26.2
100		33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.0	26.1
101		33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.0	26.1
102		33.3	32.4	31.4	30.5	29.7	28.8	27.9	27.0	26.1
103		33.3	32.4	31.4	30.5	29.7	28.8	27.9	27.0	26.1
104		33.3	32.4	31.4	30.5	29.6	28.8	27.9	27.0	26.1
105		33.3 33.3	32.3 32.3	31.4	30.5	29.6	28.8	27.9	27.0	26.1
106 107		33.3	32.3 32.3	31.4 31.4	30.5 30.5	29.6 29.6	28.8 28.8	27.9 27.9	27.0 27.0	26.1 26.1
	34.2	33.3	32.3	31.4	30.5	29.6	28.8	27.9	27.0	26.1
	34.2	33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
110		33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
111		33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
112		33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
113		33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
114	34.2	33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
115+	34.2	33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
Ages	60	61	62	63	64	65	66	67	68	69
60	30.9	30.4	30.0	29.6	29.2	28.8	28.5	28.2	27.9	27.6
61	30.4	29.9	29.5	29.0	28.6	28.3	27.9	27.6	27.3	27.0
62	30.0	29.5	29.0	28.5	28.1	27.7	27.3	27.0	26.7	26.4
63	29.6	29.0	28.5	28.1	27.6	27.2	26.8	26.4	26.1	25.7
64	29.2	28.6	28.1	27.6	27.1	26.7	26.3	25.9	25.5	25.2
65	28.8	28.3	27.7	27.2	26.7	26.2	25.8	25.4	25.0	24.6
66	28.5	27.9	27.3	26.8	26.3	25.8	25.3	24.9	24.5	24.1
67	28.2	27.6	27.0	26.4	25.9	25.4	24.9	24.4	24.0	23.6
68		27.3	26.7	26.1	25.5	25.0	24.5	24.0	23.5	23.1
69		27.0	26.4	25.7	25.2	24.6	24.1	23.6	23.1	22.6
70		26.7	26.1	25.4	24.8	24.3	23.7	23.2	22.7	22.2
71		26.5	25.8	25.2	24.5	23.9	23.4	22.8	22.3	21.8
72		26.3	25.6	24.9	24.3	23.7	23.1	22.5	22.0	21.4
73 74		26.1 25.9	25.4 25.2	24.7	24.0 23.8	23.4 23.1	22.8 22.5	22.2 21.9	21.6 21.3	21.1 20.8
75		25.7	25.2	24.5 24.3	23.6	23.1	22.3	21.9	21.3	20.6
76		25.6	24.8	24.3	23.4	22.7	22.3	21.0	20.8	20.3
77		25.4	24.7	23.9	23.2	22.5	21.8	21.2	20.6	19.9
78		25.3	24.6	23.8	23.1	22.4	21.7	21.0	20.3	19.7
79		25.2	24.4	23.7	22.9	22.2	21.5	20.8	20.1	19.5
80		25.1	24.3	23.6	22.8	22.1	21.3	20.6	20.0	19.3
81		25.0	24.2	23.4	22.7	21.9	21.2	20.5	19.8	19.1
82		24.9	24.1	23.4	22.6	21.8	21.1	20.4	19.7	19.0
83	25.7	24.9	24.1	23.3	22.5	21.7	21.0	20.2	19.5	18.8
84		24.8	24.0	23.2	22.4	21.6	20.9	20.1	19.4	18.7
85		24.8	23.9	23.1	22.3	21.6	20.8	20.1	19.3	18.6
86		24.7	23.9	23.1	22.3	21.5	20.7	20.0	19.2	18.5
87		24.7	23.8	23.0	22.2	21.4	20.7	19.9	19.2	18.4
88		24.6	23.8	23.0	22.2	21.4	20.6	19.8	19.1	18.3
89		24.6	23.8	22.9	22.1	21.3	20.5	19.8	19.0	18.3
90		24.6	23.7	22.9	22.1	21.3	20.5	19.7	19.0	18.2
91	25.4	24.5	23.7	22.9	22.1	21.3	20.5	19.7	18.9	18.2



Ages	60	61	62	63	64	65	66	67	68	69
92	25.4	24.5	23.7	22.9	22.0	21.2	20.4	19.6	18.9	18.1
93	25.4	24.5	23.7	22.8	22.0	21.2	20.4	19.6	18.8	18.1
94	25.3	24.5	23.6	22.8	22.0	21.2	20.4	19.6	18.8	18.0
95		24.5	23.6	22.8	22.0	21.1	20.3	19.6	18.8	18.0
96		24.5	23.6	22.8	21.9	21.1	20.3	19.5	18.8	18.0
97		24.5	23.6	22.8	21.9	21.1	20.3	19.5	18.7	18.0
98		24.4	23.6	22.8	21.9	21.1	20.3	19.5	18.7	17.9
99		24.4	23.6	22.7	21.9	21.1	20.3	19.5	18.7	17.9
100		24.4	23.6	22.7	21.9	21.1	20.3	19.5	18.7	17.9
101 102		24.4 24.4	23.6 23.6	22.7 22.7	21.9 21.9	21.1 21.1	20.2 20.2	19.4 19.4	18.7 18.6	17.9 17.9
103		24.4	23.6	22.7	21.9	21.0	20.2	19.4	18.6	17.9
104		24.4	23.5	22.7	21.7	21.0	20.2	19.4	18.6	17.8
105		24.4	23.5	22.7	21.9	21.0	20.2	19.4	18.6	17.8
106		24.4	23.5	22.7	21.9	21.0	20.2	19.4	18.6	17.8
107		24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
108	25.2	24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
109	25.2	24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
110		24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
111		24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
112		24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
113		24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
114	25.2	24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
Ages	70	71	72	73	74	75	76	77	78	79
70	21.8	21.3	20.9	20.6	20.2	19.9	19.6	19.4	19.1	18.9
71		20.9	20.5	20.1	19.7	19.4	19.1	18.8	18.5	18.3
72		20.5	20.0	19.6	19.3	18.9	18.6	18.3	18.0	17.7
73	20.6	20.1	19.6	19.2	18.8	18.4	18.1	17.8	17.5	17.2
74	20.2	19.7	19.3	18.8	18.4	18.0	17.6	17.3	17.0	16.7
75		19.4	18.9	18.4	18.0	17.6	17.2	16.8	16.5	16.2
76		19.1	18.6	18.1	17.6	17.2	16.8	16.4	16.0	15.7
77		18.8	18.3	17.8	17.3	16.8	16.4	16.0	15.6	15.3
78		18.5	18.0	17.5	17.0	16.5	16.0	15.6	15.2	14.9
79		18.3	17.7	17.2	16.7	16.2	15.7	15.3	14.9	14.5
80 81		18.1 17.9	17.5 17.3	16.9 16.7	16.4 16.2	15.9 15.6	15.4 15.1	15.0 14.7	14.5 14.2	14.1 13.8
82		17.7	17.3	16.7	15.9	15.4	14.9	14.7	13.9	13.5
83		17.5	16.9	16.3	15.7	15.2	14.7	14.2	13.7	13.2
84		17.4	16.7	16.1	15.5	15.0	14.4	13.9	13.4	13.0
85		17.3	16.6	16.0	15.4	14.8	14.3	13.7	13.2	12.8
86		17.1	16.5	15.8	15.2	14.6	14.1	13.5	13.0	12.5
87		17.0	16.4	15.7	15.1	14.5	13.9	13.4	12.9	12.4
88	17.6	16.9	16.3	15.6	15.0	14.4	13.8	13.2	12.7	12.2
89		16.9	16.2	15.5	14.9	14.3	13.7	13.1	12.6	12.0
90		16.8	16.1	15.4	14.8	14.2	13.6	13.0	12.4	11.9
91		16.7	16.0	15.4	14.7	14.1	13.5	12.9	12.3	11.8
92		16.7	16.0	15.3	14.6	14.0	13.4	12.8	12.2	11.7
93		16.6	15.9	15.2	14.6	13.9	13.3	12.7	12.1	11.6
94 95		16.6	15.9	15.2 15.1	14.5	13.9	13.2	12.6	12.0	11.5
95 96		16.5 16.5	15.8 15.8	15.1	14.5 14.4	13.8 13.8	13.2 13.1	12.6 12.5	12.0 11.9	11.4 11.3
97		16.5	15.8	15.1	14.4	13.7	13.1	12.5	11.9	11.3
98		16.4	15.7	15.1	14.4	13.7	13.1	12.5	11.8	11.3
99		16.4	15.7	15.0	14.3	13.7	13.0	12.4	11.8	11.2
100		16.4	15.7	15.0	14.3	13.6	12.9	12.3	11.7	11.1
101		16.4	15.6	14.9	14.2	13.6	12.9	12.3	11.7	11.1
102		16.4	15.6	14.9	14.2	13.5	12.9	12.2	11.6	11.0



Ages	70	71	72	73	74	75	76	77	78	79
103		16.3	15.6	14.9	14.2	13.5	12.9	12.2	11.6	11.0
104		16.3	15.6	14.9	14.2	13.5	12.8	12.2	11.6	11.0
105		16.3	15.6	14.9	14.2	13.5	12.8	12.2	11.5	10.9
106		16.3	15.6	14.8	14.1	13.5	12.8	12.2	11.5	10.9
107		16.3	15.6	14.8	14.1	13.4	12.8	12.1	11.5	10.9
108		16.3	15.5	14.8	14.1	13.4	12.8	12.1	11.5	10.9
109		16.3	15.5	14.8	14.1	13.4	12.8	12.1	11.5	10.9
110		16.3	15.5	14.8	14.1 14.1	13.4	12.7	12.1	11.5	10.9
111 112		16.3 16.3	15.5 15.5	14.8 14.8	14.1	13.4 13.4	12.7 12.7	12.1 12.1	11.5 11.5	10.8 10.8
113		16.3	15.5	14.8	14.1	13.4	12.7	12.1	11.3	10.8
114		16.3	15.5	14.8	14.1	13.4	12.7	12.1	11.4	10.8
115+		16.3	15.5	14.8	14.1	13.4	12.7	12.1	11.4	10.8
1101	17.0	10.5	10.0	14.0	14.1	13.4	12.7	12.1	11.7	10.0
Ages	80	81	82	83	84	8	86	87	88	89
80	13.8	13.4	13.1	12.8	12.6	12.3	12.1	11.9	11.7	11.5
81		13.1	12.7	12.4	12.2	11.9	11.7	11.4	11.3	11.1
82	13.1	12.7	12.4	12.1	11.8	11.5	11.3	11.0	10.8	10.6
83		12.4	12.1	11.7	11.4	11.1	10.9	10.6	10.4	10.2
84		12.2	11.8	11.4	11.1	10.8	10.5	10.3	10.1	9.9
85		11.9	11.5	11.1	10.8	10.5	10.2	9.9	9.7	9.5
86		11.7	11.3	10.9	10.5	10.2	9.9	9.6	9.4	9.2
87		11.4	11.0	10.6	10.3	9.9	9.6	9.4	9.1	8.9
88		11.3	10.8	10.4	10.1	9.7	9.4	9.1	8.8	8.6
89		11.1	10.6	10.2	9.9	9.5	9.2	8.9	8.6	8.3
90		10.9	10.5	10.1	9.7	9.3	9.0	8.6	8.3	8.1
91		10.8	10.3	9.9	9.5	9.1	8.8	8.4	8.1	7.9
92 93		10.7 10.6	10.2 10.1	9.8 9.6	9.3 9.2	9.0	8.6	8.3 8.1	8.0 7.8	7.7 7.5
94		10.6	10.1	9.0 9.5	9.2 9.1	8.8 8.7	8.5 8.3	8.0	7.6 7.6	7.3
95		10.5	9.9	9.5 9.4	9.1	8.6	8.2	7.8	7.6 7.5	7.3 7.2
96		10.4	9.8	9.3	8.9	8.5	8.1	7.0	7.3	7.1
97		10.3	9.7	9.2	8.8	8.4	8.0	7.6	7.3	6.9
98		10.1	9.6	9.2	8.7	8.3	7.9	7.5	7.1	6.8
99		10.1	9.6	9.1	8.6	8.2	7.8	7.4	7.0	6.7
100		10.0	9.5	9.0	8.5	8.1	7.7	7.3	6.9	6.6
101		10.0	9.4	9.0	8.5	8.0	7.6	7.2	6.9	6.5
102		9.9	9.4	8.9	8.4	8.0	7.5	7.1	6.8	6.4
103	10.4	9.9	9.4	8.8	8.4	7.9	7.5	7.1	6.7	6.3
104	10.4	9.8	9.3	8.8	8.3	7.9	7.4	7.0	6.6	6.3
105		9.8	9.3	8.8	8.3	7.8	7.4	7.0	6.6	6.2
106	10.3	9.8	9.2	8.7	8.2	7.8	7.3	6.9	6.5	6.2
107	10.3	9.8	9.2	8.7	8.2	7.7	7.3	6.9	6.5	6.1
108		9.7	9.2	8.7	8.2	7.7	7.3	6.8	6.4	6.1
109		9.7	9.2	8.7	8.2	7.7	7.2	6.8	6.4	6.0
110		9.7	9.2	8.6	8.1	7.7	7.2	6.8	6.4	6.0
111		9.7	9.1	8.6	8.1	7.6	7.2	6.8	6.3	6.0
112		9.7	9.1	8.6	8.1	7.6	7.2	6.7	6.3	5.9
113		9.7	9.1	8.6	8.1	7.6	7.2	6.7	6.3	5.9
114		9.7	9.1	8.6	8.1	7.6	7.1	6.7	6.3	5.9
115+	10.2	9.7	9.1	8.6	8.1	7.6	7.1	6.7	6.3	5.9



Ages	90	91	92	93	94	95	96	97	98	99
90	7.8	7.6	7.4	7.2	7.1	6.9	6.8	6.6	6.5	6.4
91	7.6	7.4	7.2	7.0	6.8	6.7	6.5	6.4	6.3	6.1
92	7.4	7.2	7.0	6.8	6.6	6.4	6.3	6.1	6.0	5.9
93	7.2	7.0	6.8	6.6	6.4	6.2	6.1	5.9	5.8	5.6
94	7.1	6.8	6.6	6.4	6.2	6.0	5.9	5.7	5.6	5.4
95	6.9	6.7	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2
96	6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0
97	6.6	6.4	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9
98	6.5	6.3	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.7
99	6.4	6.1	5.9	5.6	5.4	5.2	5.0	4.9	4.7	4.5
100	6.3	6.0	5.8	5.5	5.3	5.1	4.9	4.7	4.5	4.4
101	6.2	5.9	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2
102	6.1	5.8	5.5	5.3	5.1	4.8	4.6	4.4	4.3	4.1
103	6.0	5.7	5.4	5.2	5.0	4.7	4.5	4.3	4.1	4.0
104	5.9	5.6	5.4	5.1	4.9	4.6	4.4	4.2	4.0	3.8
105	5.9	5.6	5.3	5.0	4.8	4.5	4.3	4.1	3.9	3.7
106	5.8	5.5	5.2	4.9	4.7	4.5	4.2	4.0	3.8	3.6



SIMPLE IRA DISCLOSURE STATEMENT

This Disclosure Statement describes the general requirements of a SIMPLE Individual Retirement Account (SIMPLE IRA) for use with a Savings Incentive Match Plan for Employees (SIMPLE Plan). A SIMPLE IRA is created to receive contributions from a SIMPLE IRA Plan described in §408(p) of the Internal Revenue Code. This statement is provided in accordance with IRS regulations.

A SIMPLE IRA plan is a retirement plan that uses SIMPLE IRA Accounts for each eligible employee. Under a SIMPLE IRA Plan, the Employer must set up a SIMPLE IRA Account for the exclusive benefit of you and your Beneficiaries. Your Account will be administered separately from any other SIMPLE IRA and the assets of your SIMPLE IRA will not be commingled with the assets of any other SIMPLE IRA.

If you do not receive this Disclosure Statement within seven (7) calendar days prior to the establishment of this SIMPLE IRA, you may revoke this Account by mailing or delivering a request for revocation, in a form or manner acceptable to the Custodian, within seven (7) calendar days after the establishment date of your Account. You will be deemed to have received the Disclosure Statement unless a request to receive this information is received by the Custodian within seven (7) calendar days following acceptance by the Custodian of your IRA as evidenced by or on behalf of the Custodian. Upon revocation, you will receive a full refund of your initial contribution (or transfer of assets, as applicable), including sales commissions (if any) and/or administrative fees.

I. ESTABLISHING THE SIMPLE IRA PLAN

An Employer may set up a SIMPLE IRA Plan if the following requirements are met:

- The Employer employs no more than 100 individuals who receive \$5,000 or more in Compensation from the Employer for the preceding year. Under this rule, the Employer takes in account all Employees employed at any time during the calendar year regardless of whether they are eligible to participate. Employees include self-employed individuals who received earned income and Leased Employees. This limit must be met each year the SIMPLE IRA Plan is maintained.
- The Employer does not maintain another qualified plan unless the other plan is for collective bargaining employees.

Any Employee who received at least \$5,000 in Compensation during any two (2) years (or such lesser time as indicated in the Plan's Adoption Agreement) preceding the current calendar year and is reasonably expected to receive at least \$5,000 (or such smaller amount as indicated in the Plan's Adoption Agreement) during the current calendar year is eligible to participate. The term "Employee" means individuals in the employ of the Employer, including self-employed individuals, but may exclude Employees covered by a collective bargaining agreement, non-resident aliens who receive no U.S. source income, and individuals who become employees because of an acquisition or similar transaction involving your Employer.

II. ESTABLISHING THE SIMPLE IRA ACCOUNT

A SIMPLE IRA Account must be set up for you before the first date by which a contribution is required to be deposited into your SIMPLE IRA. Only your Elective Deferrals and Employer Matching or Non-Elective Contributions may be made to this SIMPLE IRA. All contributions to a SIMPLE IRA must be made in cash.

You make revoke you SIMPLE IRA at any time within seven (7) days after mailing or delivering a written notice of revocation establishes it. Any notice of revocation will be deemed mailed on the day or postmarked (or, if sent certified or registered mail, the date the certification or registration) if it is deposited in the U. S. Postal Service in an envelope or other appropriate wrapper, first class postage prepaid, and properly addressed. Upon revocation, you will be entitled to a full refund of your entire SIMPLE IRA contribution without adjustment for administrative expenses, sales commissions (if any), or fluctuations in market value. If you have any questions concerning your right of revocation, please contact the Custodian.

III. CONTRIBUTIONS TO THE SIMPLE IRA PLAN

Elective Deferral Contributions

During the sixty (60) day period before the beginning of any Plan Year, and during the sixty (60) day period before you are eligible, you can choose to make Elective Deferrals expressed as either a percentage of Compensation or as a specific dollar amount (if your Employer offers this option). You can choose to cancel your election at any time during the year.

An Elective Deferral is a contribution based on your election with your employer to have an amount contributed to your SIMPLE IRA instead of having the amount paid directly to you. The total Elective Deferral contribution you may make to your SIMPLE IRA may not exceed \$11,500 (in 2010; this limit will be periodically adjusted for cost of living increases). Individuals who are age fifty (50) or older by



the end of the year may contribute an additional amount known as a "catch up" contribution. The catch-up contribution limit is \$2,500 (for 2010; this limit may also be periodically adjusted for cost of living increases).

Your Employer must send the Elective Deferrals to the financial institution maintaining your SIMPLE IRA as soon as the amounts can be reasonably segregated from your Employer's general assets, but in no event later than the close of the thirty (30) day period following the last day of the month in which the amounts would otherwise have been payable to you in cash.

Traditional, Roth or Coverdell (Education) IRA contributions may not be made to this SIMPLE IRA; you must open separate Traditional, Roth, or Coverdell (Education) IRAs to receive such contributions. You may rollover distributions from a SIMPLE IRA to your regular or spousal IRA provided that the distribution occurs more than two (2) years after you first participated in an Employer's SIMPLE IRA Plan.

Automatic Enrollment

Your Employer may elect to add an automatic contribution arrangement. The Plan feature is made available only for Employees who are first eligible under the SIMPLE IRA on or after the date that the Employer adds an automatic contribution arrangement, and who did not make an affirmative election (including an affirmative election of zero). This feature may also provide that the percentage of Compensation at which Default Salary Deferral Contributions are made increase based on the number of years of contributions for the Employee.

Your Employer is required to give you a Notice, which must explain the following:

- (1) The percentage of Compensation at which Default Salary Deferral Contributions will be made on your behalf if the you do not make an affirmative election;
- Your right to elect not to have any Default Salary Deferral Contributions made to the SIMPLE IRA or to have Elective Deferrals made at a different percentage of Compensation, or if permitted under the SIMPLE IRA, in a different dollar amount; and
- (3) How Default Salary Deferral Contributions will be invested in the absence of your investment election.

The Notice for a SIMPLE IRA using a Designated Financial Institution also must explain the additional period during which you may elect to transfer your balance without cost or penalty to another SIMPLE IRA.

In addition to the fee less transfer requirements, if Default Salary Deferral Contributions are made to a Designated Financial Institution, you must be permitted during the first sixty (60) day period of the first year for which those contributions are made (or, for newly eligible Employees, for the remainder of the first year) to elect to transfer, without cost or penalty, your balance attributable to contributions made for that year and subsequent years to a SIMPLE IRA at another financial institution you select. Your contributions may be placed in a default investment by the Plan.

Rollover Contributions to A Simple IRA

To qualify as a tax-free rollover (or a tax-free trustee-to-trustee transfer), a rollover distribution (or a transfer) made from a SIMPLE IRA during the two (2) year period beginning on the date on which you first participated in your Employer's SIMPLE Plan must be contributed (or transferred) to another SIMPLE IRA. The two (2) year period begins on the first day on which contributions made by your Employer are deposited in your SIMPLE IRA. After the two (2) year period, amounts in a SIMPLE IRA can be rolled over or transferred tax free to an IRA other than a SIMPLE IRA. For distributions after December 31, 2001, after the two (2) year period, you can also roll over a distribution from your SIMPLE IRA to a qualified retirement plan, a tax-sheltered annuity [Code Section 403(b) Plan] or deferred compensation plan of a state or local government (Code Section 457 Plan).

If a rollover distribution (or transfer) from a SIMPLE IRA does not satisfy the two (2) year rule, and is otherwise an early distribution, the additional tax imposed because of the early distribution is 25% of the amount distributed.

Generally you may use the proceeds from one SIMPLE IRA Account as a Rollover Contribution to another provided that you rollover the entire amount received within sixty (60) days from the date you receive it. You may not make a rollover from one IRA to another if you have already completed one such rollover in the preceding twelve (12) months. If you meet these conditions, the rollover will be tax-free.

Employer Matching And Non-Elective Contributions

Your Employer must make either Matching Contributions or Non-Elective Contributions to your SIMPLE IRA for years during which you are an Eligible Employee. These contributions plus your Elective Deferrals are the only contributions which may be made to you SIMPLE IRA (except for Rollover and Transfer Contributions from other SIMPLE IRAs).



Matching Contributions

Under a SIMPLE IRA, your Employer must generally make a Matching Contribution equal to your Elective Deferral Contributions, up to a limit of 3% of your Compensation for the entire calendar year (although this 3% limit may be reduced in certain years). Your Employer will advise you if the Matching Contribution is reduced.

Non-Elective Contribution

Instead of making Matching Contributions under a SIMPLE IRA Plan, your Employer may make Non-Elective Contributions equal to 2% of your Compensation for the entire calendar year. For purposes of the 2% Non-Elective Contributions, the Compensation taken into account must be limited to an indexed limit (\$245,000 in 2010).

Matching and Non-Elective Employer Contributions must be made to the financial institution maintaining your SIMPLE IRA on or before your Employer's due date for filing its federal income tax return, including extension, for the taxable year that includes the last day of the calendar year for which the contributions are being made.

Transfer Contributions

If you maintain another SIMPLE IRA with another institution, you may authorize a direct transfer of your SIMPLE IRA assts to this SIMPLE IRA without paying taxes, subject to the rules and restrictions of your existing account. You may make this type of transfer as often as you wish. After the expiration of the two (2) year period beginning on the first day of which contributions made by your Employer and deposited into a SIMPLE IRA maintained on your behalf, the amount in that SIMPLE IRA may be directly transferred to a traditional IRA.

All or any portion of a SIMPLE IRA may be transferred to a separate SIMPLE IRA for the benefit of your former spouse pursuant to a divorce decree or written instrument incident to divorce. Such a transfer will not result in a taxable event for you or your former Spouse. After the transfer your former Spouse will be considered to be the owner of the SIMPLE IRA transferred for his or her benefit.

IV. INVESTMENT OPTIONS

The investment alternatives offered may include stocks, bonds, money market instruments, savings accounts, certificates of deposit, mutual funds (including funds for which the Custodian, or any of the Custodian's affiliates serve as investment advisor), obligations issued or guaranteed by the United States, or in any other investment alternatives available for acquisition through the Custodian in its regular course of business and approved by the Custodian for investment in the SIMPLE IRA.

You may not invest any part of your SIMPLE IRA in life insurance contracts or collectibles such as works of art, rugs, antiques, precious metals, stamps, coins and any other property considered a collectible by the IRS. Investments in either U.S. government issued gold and silver coins after December 11, 1986 or certain state issued coins after November 11, 1988 are not considered collectibles. However, gold and silver coins used as jewelry will be considered collectibles and therefore, are prohibited as an investment.

Federal income tax is not payable on investment earnings as long as you follow the rules established by the IRS.

V. DISTRIBUTIONS

Under the SIMPLE IRA you may elect to have all or a portion of your account distributed in one or a combination of the following ways:

- A partial payment
- A lump sum payment
- Monthly, quarterly, semi-annual or annual installment payments over a period not extending beyond your life expectancy or the
 joint life and last survivor expectancy of you and your designated beneficiary.

Distributions from a SIMPLE IRA are subject to IRA rules and generally are includible in income for the year received. Tax-free rollovers can be made from one SIMPLE IRA into another SIMPLE IRA. However, a rollover from a SIMPLE IRA to a non-SIMPLE IRA can be made tax-free only after a two (2) year participation in the SIMPLE IRA plan. Early withdrawals generally are subject to a 10% additional tax. However, the additional tax is increased to 25% if funds are withdrawn within two (2) years of beginning participation.

Distributions may not be rolled over or directly transferred to this SIMPLE IRA from a qualified retirement plan. If the SIMPLE IRA rollover includes assets on deposit for two (2) years or more, then you may roll these assets into a qualified retirement plan. A properly executed rollover avoids current Federal income tax on the distribution you receive from a SIMPLE IRA. Any amount you retain is fully taxable.



Distributions from your account can start whenever you choose. However, see below for the tax penalty on premature distributions. You must begin to receive distributions from your SIMPLE IRA by April 1 of the year following the calendar year in which you reach age 70½. To receive a distribution, notify us of the date you wish the payments to begin. Installment payments can be set up over any period you wish but not longer than the life expectancy of you and your Designated Beneficiary.

Minimum Distribution Requirement

With respect to any tax year, beginning with the year during which you reach age 70½, you are required to receive distributions not less than an amount calculated to pay out your SIMPLE IRA over your life expectancy or the life expectancy of you and your Designated Beneficiary.

The appropriate factors for determining the minimum payment required are published by the Internal Revenue Service in Publication 590. Once your life expectancy and if applicable, that of your Beneficiary has been determined for your first distribution year, subsequent minimum distributions may be determined by the appropriate table.

If you receive less than the minimum amount required by law, a 50% excise tax, payable by you, may be levied against the amount by which your actual distribution during a tax year is deficient. This excise tax is not tax deductible.

Premature Distributions From Your Simple IRA Account

If you take a distribution from your SIMPLE IRA prior to participating in the SIMPLE IRA for more than two (2) years, the 10% penalty is increased to 25% (unless an exception applies). This nondeductible excise tax will be due on the amount withdrawn and is in addition to any regular income tax which would be payable on the withdrawal. The 25% excise tax is also imposed if, prior to participating in the SIMPLE IRA for two (2) years, you borrow from your account, pledge your account as security for a loan or engage in any other prohibited transaction as defined in Code §4975(c). If you borrow or engage in a prohibited transaction after the two (2) year period, the entire fair market value of your SIMPLE IRA will be subject to the 10% tax. If you pledge your account as security for a loan, only the portion pledged will be subject to the 10% tax. The penalty does not apply to a rollover to another SIMPLE IRA or retirement plan.

A penalty tax of an amount equal to 10% of the taxable portion of your SIMPLE IRA distribution (or deemed distribution) is imposed if your distribution is made before you attain the age of 59½ unless it is made for any of the following reasons:

- (a) on account of your death;
- (b) after you become disabled;
- (c) as a transfer of interest to a spouse or former spouse in your SIMPLE IRA pursuant to a court order of divorce, separation or division of property;
- (d) as a part of a scheduled series of substantially equal payments made at least annually until the later of five (5) years or your attaining the age of 59½ calculated using the life expectancy of you alone or jointly with your Beneficiary;
- (e) transferred as a Rollover Contribution to another SIMPLE IRA, or to another employer-sponsored retirement plan;
- (f) used to pay medical expenses in excess of 7.5% of your Adjusted Gross Income;
- (g) paid to you after separation from employment [or within sixty (60) days of reemployment] in the same or next succeeding tax year after you have received (or would have received but for your self-employment). Federal or state unemployment Compensation for at least twelve (12) consecutive weeks as a result of such unemployment provided that the IRA distribution is used to pay premiums for health care coverage during such period of unemployment;
- (h) as a Qualified First-Time Homebuyer Distribution but not in excess of a \$10,000 lifetime limit;
- (i) to pay Qualified Higher Education Expenses;
- (j) Distributions following termination of employment to the extent the amounts do not exceed the medical insurance premiums you paid for yourself, your spouse, and your dependents for the taxable year, but only if you have received at least twelve (12) weeks of unemployment compensation during the current or prior taxable year;
- (i) is a Qualified Reservist Distribution (described below);
- (ii) Distributions made on account of an IRS levy;

The penalty tax is increased from 10% to 25% if the distribution from this SIMPLE IRA is within two (2) years of the date you first commenced participation in the SIMPLE IRA Plan, unless one of the above exceptions apply.

Qualified Reservist Distribution

If you were ordered or called to active duty after September 11, 2001 for a period of more 179 days or for an indefinite period because you are a member of a reserve component, you may request a distribution from your IRA or from amounts attributable to elective deferrals under a Code Section 401(k) or 403(b) plan or a similar arrangement. The right to receive a Qualified Reservist Distribution (QRD) only applies to the person who is called to active duty and will not apply because another family member is called to active duty. It



does not matter if the actual period of active duty is less or otherwise changed. You will be eligible for a QRD if the original order or call is less than 180 days and subsequent calls or orders increase the total period of active duty to 180 or more days.

This distribution can be made no earlier than the date of the order or call to active duty and no later than the close of the active duty period. A "reserve component" includes the Army and Air National Guard of the U.S.; Army, Navy, Air Force and Marine Corps Reserve; Coast Guard Reserve, and Reserve Corps of the Public Health Service. A Qualified Reservist Distribution is not subject to the 10% early distribution penalty described above.

A Qualified Reservist Distribution may be repaid to an IRA (in one or more contributions) at any time during the two (2) year period after the end of the active duty period. The dollar limitations that would otherwise apply to IRA contributions will not apply to repayment contributions during such two (2) year period and no deduction is allowed for any contribution made under this provision.

First-Time Homebuyers Exception

First-Time Homebuyers exception applies to any distribution used, within 120 days of the date the distribution is received, to pay for the acquisition, construction or reconstruction of your principal residence or the principal residence of your spouse, or your or your spouse's child, grandchild or ancestor, provided that the individual for whom the principal residence is acquired or constructed (and the individual's spouse) had no present interest in a principal residence during the two (2) year period ending on the date a binding contract to acquire the principal residence was entered into or on which construction or reconstruction of the principal residence commenced. The aggregate amount of distributions received by you during your lifetime which may be treated as Qualified First-Time Homebuyer Distributions may not exceed \$10,000.

Qualified Higher Education Expenses

Qualified Higher Education Expenses are any expenditure on tuition, fees, books, supplies and equipment required for the enrollment or attendance of you, your spouse, or your children, [as defined in Code §151(c)(3)] or your or your spouse's grandchild, at an eligible educational institution [as defined in Code §529(e)(5)] reduced, for any taxable year, by any amount paid for the benefit of the student consisting of a qualified scholarship, educational assistance allowance or similar payment which is excludable from gross income under the Code or any other Federal law.

Conversion of Distributions From The Account

After the expiration of the two (2) year period beginning on the date you first received contributions under the SIMPLE IRA Plan maintained by your Employer, you may convert any or all distributions form the Account which consists of cash for deposit into a ROTH IRA ("Conversion Amount"). Conversions can be made by means of a sixty (60) day rollover or a trustee-to-trustee transfer. If you have reached age 70½ you must satisfy your minimum required distribution with respect to your SIMPLE IRA prior to making a conversion contribution for such year. Any minimum distribution from the Account required by Code §408(a)(6) and §401(a)(9) and applicable regulations for the year of the conversion cannot be converted to a ROTH IRA. The Conversion Amount will not be subject to income tax on the Conversion Amount. The Conversion Amount will not be subject to the premature distribution penalty described above. If taxes are withheld form your ROTH IRA conversion, the amount withheld may be subject to the 10% early withdrawal penalty unless an exception applies.

Recharacterization of Converted Amounts

You may elect in a form and manner acceptable to the Custodian, to transfer ("recharacterize") via a trustee-to-trustee transfer, any amounts converted to a ROTH IRA to be held in the Account under the agreement. Recharacterization must be completed by your deadline (generally April 15), including any extensions for filing your federal income tax return for the year for which the conversion contribution to the ROTH IRA relates or a later date as authorized by the Internal Revenue Service ("IRS"). Any net income attributable to a contribution that is recharacterized is treated as having been originally contributed to your SIMPLE IRA on the same date and for the same taxable year as the amount was contributed to your ROTH IRA. For tax years beginning on or after January 1, 2000, you may not reconvert an amount previously converted and recharacterized before the later of January 1 of the taxable year following the taxable year in which the conversion is made or the end of the thirty (30) day period beginning on the day you complete a recharacterization back to the original IRA. Beginning January 1, 2000, and thereafter, a reconversion of an amount that has been converted and recharacterized prior to the January 1 of the taxable year following the taxable year in which the conversion was made, or, if later, the end of the thirty (30) day period beginning on the day the recharacterization occurs will be treated as a "failed conversion". You are strongly encouraged to consult a competent tax advisor before initiating any reconversion or recharacterization.

Taxation

Federal income taxes must be paid when you receive a distribution from your SIMPLE IRA or engage in a prohibited transaction. Upon your death, the amount in your SIMPLE IRA will generally be included in your estate for Federal estate tax purposes. However, if your spouse is the Beneficiary of your SIMPLE IRA, that amount is deducted from your estate. A transfer to your named Beneficiary after your death is not subject to Federal gift tax. State estate and gift tax consequences may vary. See your tax or legal advisor regarding your own situation.

We will send you a copy of any amendment to the document with an explanation of its impact within 30 days of any such change. Each year you will also receive a statement that shows contributions, earnings, distributions and total value of your SIMPLE IRA Account. You must file



Form 5329 (Return for Individual Retirement Savings Arrangement) with the IRS if you owe tax on an excess contribution, premature distribution, or deficient distribution.

Closing Your Account

You have the right to close your SIMPLE IRA at any time; however a substantial tax penalty will be incurred if you take distributions earlier than age 59½ or before monies have been on deposit for two (2) years. If the Employer has selected a Designated Financial Institution, you may also transfer your SIMPLE IRA to another trustee or custodian without cost or penalty as described above. You may revoke your SIMPLE IRA without penalty, administrative expense or market fluctuation, if you do so within seven (7) days of the date on which you establish the SIMPLE IRA as explained in Section II herein.

VI. BENEFICIARY DESIGNATION OF YOUR SIMPLE IRA ACCOUNT

You may designate one or more individuals or a trust or other organization as a primary or contingent Beneficiary of your SIMPLE IRA. You may designate an initial Beneficiary and may change your Beneficiary at any time upon written notice. We will act upon the last written and dated designation received prior to your death. If you are a resident of a community property state, you will need the written consent of your Spouse to terminate your Spouse's interest in your SIMPLE IRA in order to designate a primary Beneficiary other than your Spouse.

A Beneficiary may disclaim all or any part of an interest in your SIMPLE IRA, and any assets will be paid from your SIMPLE IRA as if the disclaiming Beneficiary predeceased you. After you die, your primary Beneficiary will receive the assets in your SIMPLE IRA. If your primary Beneficiary dies before you do, we will pay your assets, if any, to your contingent Beneficiary. If you do not designate a Beneficiary, or if your designated Beneficiary and your contingent Beneficiary, if any, die before you or cannot be located, we will pay the balance in your SIMPLE IRA in accordance with paragraph 1.3 of the SIMPLE IRA Custodial Account.

You may designate a Beneficiary on a form provided to you and may change your Beneficiary at any time by giving us written notice. We will act upon death. We urge you to review and renew your Beneficiary designation whenever your family circumstances are changed by a life cycle event such as marriage, divorce, birth, adoption or death (in addition to reviewing the designation when having a will drafted or establishing a trust) to assure that we distribute your SIMPLE IRA in accordance with your intentions. If you designate your Spouse as a Beneficiary, your designation will be automatically cancelled upon the dissolution of your marriage by divorce, annulment or other legal process. If you want to continue to designate your ex-Spouse as Beneficiary, you must file a new Beneficiary designation form with us, dated after the dissolution of your marriage. If your Spouse is the sole Beneficiary of your SIMPLE IRA, your Spouse may, after your death, name a Beneficiary to receive your distributions following the death of your surviving Spouse. If your Surviving Spouse does not designate a Beneficiary before his or her death, a Beneficiary will be designated under paragraph 1.3 of the SIMPLE IRA Custodial Account.

Your Beneficiary may, after your death, name an individual, trust, estate or other entity to receive distributions of any balance remaining in your SIMPLE IRA after the death of your Beneficiary. Any individual or entity so designated, will, upon the death of your Beneficiary become your Beneficiary for all purposes except for minimum required described. This additional designation may not extend the schedule of required distributions established when you attain age 70½ or, if sooner, following your death.

VII. PROHIBITED TRANSACTIONS

If you or your Beneficiary engage in a prohibited transaction as described in Code §4975(c), your SIMPLE IRA will lose its tax exemption, and the fair market value of the account must be included in your or your Beneficiary's gross income in the year of the prohibited transaction. If you use all or a part of your SIMPLE IRA as collateral for a loan, the portion so pledged is treated as a distribution to you and is included in your taxable income for that year. The additional premature distribution penalty may apply.

VIII. IRS APPROVAL OF THE SIMPLE IRA

This SIMPLE IRA has been filed with the Internal Revenue Service for approval. IRS approval is as to form only and does not represent determination on the merits of this program. Further, you must follow the rules covered within the Employer's SIMPLE IRA Plan and the corresponding provisions of the SIMPLE IRA or the IRS can impose substantial tax penalties for failure to comply.

We have the right to charge a fee for any services provided under the account or for the termination of any account. Such fees, if any will be outlined in a separate fee agreement.

THIS STATEMENT PROVIDES ONLY A BRIEF SUMMARY OF CERTAIN FEDERAL TAX RULES. FOR INFORMATION THAT APPLIES TO THEIR INDIVIDUAL SITUATIONS, CLIENTS ARE ENCOURAGED TO CONSULT THEIR PERSONAL TAX ADVISORS.



DEPARTMENT OF THE TREASURY INTERNAL REVENUE SERVICE

WASHINGTON, D.C. 20224

Plan Name: SIMPLE IRA Trust 003

FFN: 50170511900-003 Case: 201100308 EIN: 74-1598370

Letter Serial No: M193187a

U S GLOBAL INVESTORS INC 7900 CALLAGHAN ROAD SAN ANTONIO, TX 78229

Contact Person: Ms. Roslynn B. Perry Telephone Number: (202) 283-9624 In Reference To: SE:T:EP:RA

Date: 08/24/2011

Dear Applicant:

In our opinion, the form of the prototype trust, custodial account or annuity contract/endorsement identified above is acceptable under section 408 of the Internal Revenue Code, as amended through the Small Business Jobs Act of 2010, for use as a SIMPLE IRA under Code section 408(p). This opinion letter may not be relied on with respect to whether a SIMPLE IRA Plan, under which contributions are made by an employer to the SIMPLE IRA, satisfies the requirements of Code section 408(p).

Each individual who adopts this approved prototype will be considered to have a SIMPLE IRA that satisfies the requirements of Code section 408, provided he or she follows the terms of the approved prototype document, does not engage in certain transactions specified in Code section 408(e), and, if the SIMPLE IRA is a trust or custodial account, the trustee or custodian is a bank within the meaning of Code section 408(n) or has been approved by the Internal Revenue Service pursuant to Code section 408(a)(2).

Code section 408(i) and related regulations require that the trustee, custodian or issuer of a contract provide a disclosure statement to each adopting individual as specified in the regulations. Publication 590, Individual Retirement Arrangements (IRAs), gives information about the items to be disclosed. The trustee, custodian or issuer of a contract is also required to provide each adopting individual with annual reports of all transactions related to the SIMPLE IRA.

The Internal Revenue Service has not evaluated the merits of this SIMPLE IRA and does not guarantee contributions or investments made under the SIMPLE IRA. Furthermore, this letter does not express any opinion as to the applicability of Code section 4975, regarding prohibited transactions.

The prototype SIMPLE IRA may have to be amended to include or revise provisions in order to comply with future changes in the law or regulations.

If you have any questions concerning IRS processing of this case, call us at the above telephone number. Please refer to the File Folder Number (FFN) shown in the heading of this letter. Please provide those adopting this prototype with your telephone number, and advise them to contact your office if they have any questions about the operation of their SIMPLE IRA. Please provide a copy of this letter to each adopting individual.

You should keep this letter as a permanent record. Please notify us if you terminate sponsorship of this prototype SIMPLE IRA.

Sincerely Yours,

Andrew E. Zuckerman

Director, Employee Plans Rulings and Agreements