



Field Underwriting Guide

Underwriting Impairments

July 2020



This Field Underwriting Guide is designed to provide you with a comprehensive reference tool to life insurance underwriting at John Hancock.

Part I Underwriting Guidelines

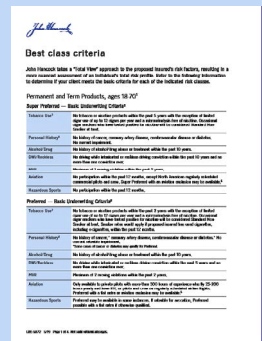
Provides details about vendors, as well as insight into John Hancock's smoking definitions, build ratings, and financial underwriting guidelines.

Part II Impairment Guide

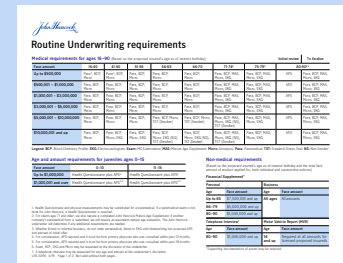
Provides information your John Hancock underwriter will need up front to assess specific medical and non-medical risks as well as factors that will impact the decision.

For further guidance in field underwriting, please also look for the following flyers on your John Hancock producer website:

Best Class Criteria



Routine Underwriting Requirements



Our Automatic Reinsurance Capacity and Retention Limits?

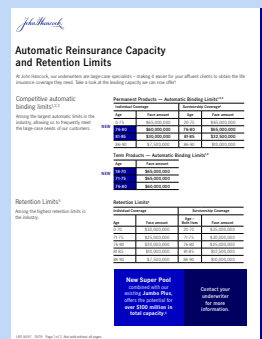


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If you have any questions, please contact your John Hancock underwriter. Also check our interactive **Field Underwriting Guide** on **JHSalesHub.com**.

Information is current as of date of publication, but details can change at any time. To ensure you are seeing the latest information, talk to your John Hancock underwriter or check the interactive Field Underwriting Guide on JHSalesHub.com.

Part I

Underwriting Guidelines

Approved Vendors

The following are John Hancock's approved vendors for fulfilling medical requirements associated with life insurance applications. Please also note payment guidelines, and answers to questions we typically receive about this topic.

Examination Vendors	APPS	800-727-2101 or appslive.com
	ExamOne	800-768-2056 or examone.com
APS Vendors	ExamOne	800-768-2056 or examone.com
	Express Imaging Services, Inc.	1-888-846-8804
	Jetstream APS	310-826-3759, ext. 229 or jetstreamaps.com
	Parameds.com	parameds.com
	ReleasePoint (WFI Inc.)	800-999-9589 or releasepoint.com

Frequently Asked Questions

<p>Will John Hancock pay for medical requirement fulfillment services arranged by a firm or producer?</p>	<p>Yes, we will pay for such services if the following two conditions are met:</p> <ul style="list-style-type: none"> • The requirements are ordered to meet our underwriting guidelines, and • The requirements have been received in connection with the underwriting of a formal John Hancock life insurance application. <p>Note: John Hancock will make direct payments only to the medical requirement fulfillment vendors that are contracted with John Hancock and included on the list of approved vendors above. See question #4 for more information on reimbursement guidelines.</p>
<p>Will an approved vendor share a copy of the APS with the firm or producer ordering the APS?</p>	<p>Yes, an approved vendor will share a copy of the APS as long as the ordering producer or firm supplies the vendor with its own HIPAA authorization form (signed by the proposed insured) that gives the vendor permission to release the medical records to the producer or firm.</p>
<p>Will an approved vendor share a copy of the exam with the firm or producer ordering the exam?</p>	<p>Yes, an approved vendor will share a copy of the exam with proper authorization from the client. The copy of the exam will be sent to the original requestor.</p>

Frequently Asked Questions (continued)

<p>Will John Hancock reimburse a producer or firm for APS fees?</p>	<p>As noted in question #1, John Hancock will pay for underwriting requirements that are required by us and have been received in connection with the underwriting of a formal John Hancock life insurance application.</p> <p>However, please note the following:</p> <ul style="list-style-type: none"> • Producers or firms that choose to use a medical requirement fulfillment vendor that is not one of our approved vendors will do so pursuant to their own business arrangements. • Upon receipt of a request for reimbursement of APS fees associated with medical requirements arranged by a producer or firm from a non-approved vendor, we will reimburse the producer or firm for such expense, subject to rates and standards deemed acceptable by John Hancock. 		
<p>Will John Hancock accept a paramedical exam from a non-approved vendor?</p>	<p>Yes, John Hancock will pay for underwriting requirements that are required by us and have been received in connection with the underwriting of a formal John Hancock life insurance application.</p>		
<p>How should a reimbursement request be submitted?</p>	<p>Submit your requests for reimbursements by completing Request for Reimbursement: Medical Fees. If this is your first reimbursement request, please also provide a completed W-9 form. Submit reimbursement requests via mail or email:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Mail: John Hancock Life Insurance Company Attn: Life New Business 30 Dan Road Suite 55765 Canton, MA 02021</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Email: Medfees@jhancock.com</p> </td> </tr> </table> <p>Most reimbursement requests are processed within 30 days from the time we receive the request, formal application and medical requirements.</p> <p>Please note that payments to individual producers (non-incorporated entities) are subject to information reporting under IRS section 6041, and a separate 1099-MISC will be issued for these reimbursed fees.</p> <p>This 1099-MISC will be in addition to the 1099-MISC a producer receives for other compensation from John Hancock. Although we must report the reimbursements as gross income to the producer, a producer may be able to take a business expense deduction for the fees paid to providers. Producers should consult their own tax advisors.</p>	<p>Mail: John Hancock Life Insurance Company Attn: Life New Business 30 Dan Road Suite 55765 Canton, MA 02021</p>	<p>Email: Medfees@jhancock.com</p>
<p>Mail: John Hancock Life Insurance Company Attn: Life New Business 30 Dan Road Suite 55765 Canton, MA 02021</p>	<p>Email: Medfees@jhancock.com</p>		

Important Payment Guidelines

- John Hancock will make direct payments only to the medical requirement fulfillment vendors that are contracted with John Hancock (see accompanying approved vendors list).
- Producers or firms choosing to use medical requirement fulfillment vendors not included on the list of John Hancock approved vendors will do so pursuant to their own business arrangements.
- Upon receipt of a request for reimbursement of fees associated with medical requirements arranged by a producer or firm from a non-approved vendor, John Hancock will reimburse the producer or firm for such expense, subject to rates and standards deemed acceptable by John Hancock (see below for further details).

Reimbursement Fee Guidelines

- John Hancock will reimburse the fee charged by the doctor or medical facility to release the APS, up to a maximum of \$100.
- APS fees in excess of \$100 must be pre-approved by the John Hancock Medical Fees Department (Medfees@jhancock.com).
- Reimbursements for any administrative service fees associated with the APS retrieval will be limited to \$17.

Ratings Build Chart

Use this chart to find the rating required for height and weight. The rating is shown in the horizontal line across the top of the chart.

Each cell of the chart is the maximum weight allowed for each rating. For any build over the chart maximum, an offer is doubtful. To pursue a possible highly rated offer, please contact a John Hancock underwriter.

Height	125%	150%	175%	200%	225%	250%	300%
4' 8"	189	200	208	215	220	227	238
4' 9"	193	204	212	218	225	231	242
4' 10"	197	208	216	223	229	235	247
4' 11"	201	212	220	226	233	239	251
5' 0"	205	216	224	232	238	243	255
5' 1"	210	221	229	237	242	247	259
5' 2"	214	225	232	240	246	252	263
5' 3"	219	230	238	246	252	258	271
5' 4"	225	236	244	252	259	265	278
5' 5"	231	242	250	258	265	272	285
5' 6"	237	248	256	264	271	278	292
5' 7"	243	254	263	271	279	286	300
5' 8"	250	262	271	279	287	294	308
5' 9"	257	270	279	288	295	302	317
5' 10"	264	277	286	295	302	309	324
5' 11"	271	284	293	303	310	317	332
6' 0"	279	292	301	311	318	325	340
6' 1"	287	300	309	319	326	333	348
6' 2"	295	308	317	327	334	341	356
6' 3"	303	316	325	335	342	350	365
6' 4"	311	324	333	343	351	358	374
6' 5"	319	332	341	351	359	367	383
6' 6"	326	340	349	359	367	375	392
6' 7"	334	348	357	367	375	384	401
6' 8"	342	356	366	375	384	393	410
6' 9"	350	364	374	384	393	401	419
6' 10"	358	372	382	392	401	410	428
6' 11"	366	380	390	400	409	418	436

Smoking Classifications

Tobacco and Nicotine Use

Super Preferred Non-Smoker	Meets the Super Preferred criteria and has not used any form of tobacco or nicotine products within the last 5 years with the exception of the following: Limited Cigar Use: An occasional cigar smoker may qualify for Super Preferred Non-Smoker rates if he/she smokes 12 cigars or less per year and microurinalysis is free of nicotine. ¹
Preferred Non-Smoker	Meets the Preferred criteria and has not used any form of tobacco or nicotine products within the last 2 years with the exception of the following: Limited Cigar Use: An occasional cigar smoker may qualify for Preferred Non-Smoker rates if he/she smokes 12 cigars or less per year and microurinalysis is free of nicotine. ¹
Standard Plus Non-Smoker²	No tobacco or nicotine products in the past 12 months with the exception of the following: Limited Cigar Use: An occasional cigar smoker may qualify for Standard Plus Non-Smoker rates if he/she smokes 24 cigars or less per year and microurinalysis is free of nicotine. ¹
Standard Non-Smoker	No cigarette or e-cigarette/vaping use within the last 12 months and either: 1. Does not meet all Preferred or Standard Plus criteria or, 2. Uses other tobacco or nicotine products.
Preferred Smoker	Meets the Preferred criteria but has used cigarettes, including e-cigarettes/vaping, within the last 12 months.
Standard Smoker	Does not meet the Preferred criteria and has used cigarettes, including e-cigarettes/vaping, within the last 12 months.

1. Occasional cigar smokers who have tested positive for nicotine will be considered Standard Non-Smoker at best. The earliest we will consider an improved rate classification is on or after the first policy anniversary and is subject to full underwriting. Consult with your underwriter for further requirements.

2. Refer to the specific product technical guide to determine the availability of Standard Plus and for the ages where Standard Plus rates are available.

Recreational Marijuana Use

Smoked or vaporized

Preferred Non-Smoker*	Occasional, once per month or less
Preferred Smoker	Occasional, up to 2 times per week
Standard Smoker	Regular use, up to 4 times per week
Individual Consideration	Regular use, more than 4 times per week

Ingested

Preferred Non-Smoker*	Occasional, once per month or less
Standard Non-Smoker	Regular use up to 4 times per week
Individual Consideration	Regular use, more than 4 times per week

Medicinal Marijuana Use (with prescription card)

Preferred Smoker*	Smoked or vaporized
Preferred Non-Smoker	Ingested

*With a positive test result the classification will be as a Preferred Smoker

Financial Underwriting Requirements and Reviews

Financial underwriting is a critical part of the underwriting process which examines the economic feasibility of the case at hand, and allows the underwriters to consider the insurable interest at the time of the application.

At John Hancock, we take a “purpose-driven” approach to financial underwriting. We recognize that life insurance may be purchased to cover many different needs. These needs can be broadly separated into personal (income replacement, estate planning, charitable giving, etc.) and business related (buy-sell, key person, etc.). Our underwriters use the following tools and approaches — among others — during the underwriting process to consider the purpose of the coverage and insurable interest. In all instances, our underwriters have the discretion to request additional financial requirements as they deem necessary.

Financial Underwriting Requirements

1. Telephone Interview

What is it? An interview with the proposed life insured where questions related to the life insurance application, such as occupation, health history and avocations are asked.

When is it required?

Age	Face Amount
80–90	\$1,000,000 and up

Please note: A telephone interview may be requested at any age and amount at the underwriter’s discretion.

A team of dedicated John Hancock underwriting specialists schedule and perform the telephone interview with the applicant. Our underwriters are experienced in handling the sensitive information shared during the interview.

2. Financial Verification Supplements

What is it? The **Financial Supplement** is a form required by John Hancock that asks for a detailed breakdown of assets and liabilities and must be signed by both the proposed insured and the agent. Select and submit a **Financial Supplement** that is applicable to the sale. John Hancock’s underwriters will handle the rest of the financial verification process.¹

When is it required?

Personal		Business	
Age	Face Amount	Age	Face Amount
Up to 65	\$7,500,001 and up	All Ages	All Amounts
66–79	\$5,000,000 and up		
80–90	\$1,000,000 and up		

For any asset type representing more than 25% of total assets, copies of the latest statements of values are required, e.g., copies of insurance policies for jewelry or art, or quarterly statements for investment portfolios.

1. In some scenarios, additional information to support the representation of assets and income may be required, such as brokerage statements.

3. Request for Tax Transcript – IRS 4506T-EZ

In some cases, our underwriters may require additional documentation to verify the financial information disclosed in the life application. While not a routine requirement, in cases where the underwriter is unable to obtain this verification through other sources, the submission of a completed IRS form 4506T-EZ may be requested. In cases where a signed 4506T-EZ is requested and submitted, John Hancock will use this signed authorization to request the IRS tax returns via a secure and confidential interface and will receive this information within 24–48 hours.

Form 4506T-EZ is available as an optional form in our application kits. If requested by the underwriter, please have your client enter the last two years (i.e., tax period to be filled in) in Section 6 on this form.

Financial Underwriting Review

In addition to the above requirements, the underwriter also takes into account the following:

1. Insurable Interest/Insurable Loss

The first consideration in financial underwriting is to establish that an insurable interest exists. The concept of insurable interest is fundamental to ensuring that the insurance applied for makes economic sense. We consider insurable interest as existing when the owner (if other than the insured) and the designated beneficiary have a financial interest in the continued life of the insured and are able to demonstrate a measurable financial loss should the insured die prematurely. The loss should equal or exceed the requested insurance amount.

The underwriter will examine the amount of potential loss suffered by an owner/beneficiary in the context of the requested death benefit, purpose of coverage and financial profile (including the ability to pay ongoing premiums). It is the risk of loss that helps the underwriter quantify the amount of insurable interest and ultimately justify the requested death benefit.

2. Ability to Pay/Affordability

As part of the financial review of a case, an underwriter must determine if the applicant can afford to pay the premiums for the requested coverage and all inforce policies. This is usually established by reviewing the proposed insured's application statement as to the source of the premium and the appropriate illustration. If the source is other than income, the proposed insured is encouraged to present the specific source of funding and an explanation of why this source is being used. Premiums generally are not expected to exceed 10–25% of gross income. In general, the higher the available disposable income, the greater premium to gross income ratio that would be acceptable.

In cases where the source of the premium is other than the insured on personal applications, a letter of explanation to include the reason for the third-party funding and the source of the funds is required. Additional details regarding the third-party source may be requested at the discretion of the underwriter.

3. Inforce and Settled Policies

Understanding the complete picture of the inforce and applied for coverage on the proposed insured is an important part of the financial underwriting process. Inforce coverage disclosed on the application must include any settled or sold policies. Our underwriters include settled policies in determining justification of the total amount of insurance in force and the ability to pay, as well as the Jumbo Limit for reinsurance requirements. Providing incorrect or incomplete information in an application for life insurance, even if it is unintentional, is misrepresentation.

Our underwriters consider several factors when there are existing settled policies on the life of the proposed insured:

- The overall financial status of the proposed insured.
 - The duration of the policies at the time they were settled or sold, or are currently being settled. John Hancock will not participate in new applications for life insurance associated with concurrent early duration settlements, or where a history of frequent settlement activities exists. For these purposes, "early duration" is defined as less than five years from policy issue date.
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Financial Underwriting Review (continued)

4. Trust Documents

Reviewing trust documentation can assist us in determining the presence of insurable interest.

The following documents are required during the trust review process:

- For any case where a trust is identified as being the owner/beneficiary, we need a completed **Trust Certification** form, regardless of whether a properly executed trust agreement has been submitted or not.
- In addition, for all applications on proposed insureds age 70 and older², a copy of the executed trust document is required for our review.
 - Please note that on cases age 70 or older where the funding is to be accomplished via a **1035 Absolute Assignment** or the trust has been executed prior to January 1, 2005, we do not require a copy of the executed trust, but will require a completed **Trust Certification** form.
- Prior to policy issue, our underwriters also review documents on certain policies including – but not limited to – trust, family partnership and LLC agreements.

2. Please note that John Hancock reserves the right to request a fully executed copy of the trust regardless of the proposed insured's age.

Case Positioning Tips

Since you — as the agent — know your clients best, you are a key source of their financial information. A cover letter is recommended with all applications; it is your chance to explain the background of the sale, including:

The specific purpose of coverage and how that amount was determined relative to the proposed insured's finances, including premium-paying ability (demonstrating premium to income relationship and/or premium to liquid net worth relationship).

Clarification of any points that may not be obvious in the application including both medical and non-medical factors that the client or producer want to bring to the underwriter's attention.

Total insurance: inforce (including any settled or sold policies), all pending coverage applied for, replacement details and the ultimate total line.

Refer to the "Important Notes" column on page 11 to see if there are any specific details about your case that you should include in your cover letter. The underwriter uses this information to justify the amount of coverage requested, and to make the most competitive decision right from the outset. Providing this information up front can streamline the underwriting process by reducing the need for additional information about the sale.

Personal and Business Insurance Amount Guidelines

The guidelines that follow provide an outline of some of the financial purposes and methods used by our underwriters in arriving at acceptable amounts of insurance.

Please note that these are general guidelines; if you have questions about a specific case, contact your John Hancock underwriter.

Personal Life Insurance

Please note: all formulas and calculators provided are to be considered solely as a guide and are non-binding.

Purpose of Insurance	Underwriting Formula	Important Notes
Income Replacement	Age Factor x Earned Income 18–30: 30x 31–40: 25x 41–50: 20x 51–60: 15x 61–65: 10x 66–74: 5x 75+: individual consideration	<ul style="list-style-type: none"> For individuals whose personal income is low but future earnings' potential is high, it may be possible to consider higher amounts. Social Security, pensions and annuities are not considered earned income.
Estate Conservation	Usually based on Projected Net Worth x Estate Tax Rate (55%) Maximum Projections Based on a growth rate of 5–7% based on historical growth – higher or lower growth rates subject to individual consideration General Guidelines <ul style="list-style-type: none"> Individual: <ul style="list-style-type: none"> Up to 75% of life expectancy to a maximum of 20 years Survivorship: <ul style="list-style-type: none"> Based on the younger or healthier life Up to 75% of life expectancy up to a maximum of 20 years 	N/A
Bequest to Charity (Charitable Contribution)	If the proposed insured has a historical pattern of monetary gifts to the charity, then the maximum death benefit considered will be: <ul style="list-style-type: none"> 25x any regular, recurring annual historical charitable gifts (i.e., a demonstrated pattern of giving) Up to a maximum of 40% of existing personal coverage — an extension of the donor's personal insurance planning If the proposed insured does not have a historical pattern of gifting to the charity, the maximum death benefit considered will be: <ul style="list-style-type: none"> Individual consideration based on the strength of the connection to charity Up to a maximum of 40% of existing personal coverage 	Provide contribution record to establish pattern of support and involvement in the charity. Also, include details of any volunteer work with the charity to demonstrate the strength of the relationship.
Charitable Remainder Trust with Wealth Replacement Trust	Value of donated assets	Confirmation of actual value of assets is required.

Personal Life Insurance (continued)

Please note: all formulas and calculators provided are to be considered solely as a guide and are non-binding.

Purpose of Insurance	Underwriting Formula	Important Notes
Employee Benefits — Deferred Compensation	<p>Insurable value = amount required to fund the benefits for each executive</p> <ul style="list-style-type: none"> • Must correlate with insured's profile 	Provide rules for participation, formulas used to determine individual amounts of coverage.
Dependent Spouse	<ul style="list-style-type: none"> • 75–100% of the insurance in force on employed spouse subject to overall family financial situation and ability to fund policy • If face amount exceeds 100%, we require a cover letter with explanation 	Require details of amount in force on employed spouse and household income, net worth.
Juvenile Insurance	<ul style="list-style-type: none"> • Coverage should not usually exceed 50% of amount on parents • Amount requested should be reasonable relative to insurance on parents and siblings (similar coverage) • For face amounts over \$100,000 or those related to estate planning needs, gifting, or inheritance, approval will be on individual consideration basis taking into account all financial details • Application must be signed by a parent or guardian with whom the child resides 	<ul style="list-style-type: none"> • New York has legal restrictions on the amount of life insurance allowed on juveniles. Specifically, Section 3207 of the New York Insurance Law states that when a juvenile is dependent on the person(s) effecting the insurance, i.e., parents/guardian, then the maximum amount that can be written is: <ul style="list-style-type: none"> – Ages Under 4.5 – maximum \$50,000 or 25% of the amount inforce on the parent effectuating the insurance, whichever is greater – Ages 4.5 to 14.5 – maximum \$50,000 or 50% of the amount inforce on the parent effectuating the insurance, whichever is greater • Washington has special legal restrictions for juveniles. Please contact your underwriter for details. • Please contact your underwriter for other special rules.
Estate Equalization	<ul style="list-style-type: none"> • Insurable value = up to 100% of the transferred asset subject to ability to pay • For retroactive cases, insurable value = asset value at time of transfer indexed at a growth rate of 5% per year 	<ul style="list-style-type: none"> • Value of total estate and value of asset transferred is required. • For retroactive cases, proof of asset transfer and current value is required.
Personal Loan	100% of outstanding loan balance to creditor with remainder to life insured's estate subject to collateral assignment	Require details of loan which include source, amount, purpose, repayment schedule and interest rate.
Annuity Maximization	Coverage should not significantly exceed income and estate conservation guidelines	<ul style="list-style-type: none"> • Require details of annuity or other asset being replaced. • Amounts to be considered must fit within guidelines for overall total line.
Future Inheritance (Adult)	<ul style="list-style-type: none"> • Value of inheritance including a growth rate of up to 5% per year for a maximum of 10 years, subject to the insured's ability to pay • Underwriters consider the insured's ability-to-pay requirements to be satisfied by many intra-family or loan scenarios³ 	<ul style="list-style-type: none"> • Cover letter is required with complete details, including age and coverage in force on benefactor(s) as well as in force and pending coverage on all siblings and information to support the insured's ability to pay and source of premiums.

3. A detailed cover letter must be provided, and growth rates/factors are applied at the underwriter's discretion.

Business Insurance

Please note: all formulas and calculators provided are to be considered solely as a guide and are non-binding.

Purpose of Insurance	Underwriting Formula	Important Notes
Key Person	Generally, underwriters will consider a death benefit of 5-10 x income, but for key employees of well-established businesses, underwriters may consider 15-20 x total compensation. ³	<ul style="list-style-type: none"> • Following information may be required: income, role in organization, specialized skills, experience. • For the state of New York, please contact your underwriter for special requirements.
Buy-Sell	Underwriters will consider the percentage ownership x fair market value of the business, plus a growth factor as high as 5% over 10 years. ³	Require percent ownership, fair market value of business, information as to whether other partners are insured.
Sole Proprietor	Fair market value of the business plus a modest growth factor	Require confirmation of ownership, fair market value of business, copy of buyout agreement for some cases.
Creditor — Business	Usually cover a percentage of outstanding debt equal to non-collateralized portion of debt up to 70%	<ul style="list-style-type: none"> • Insured must be a key person. • Require loan details: source, amount, purpose, duration, repayment terms.
Line of Credit Coverage	May be considered up to 70% of documented line of credit (LOC)	Require role of insured, source of LOC, details of LOC including amount, average amount utilized, purpose, repayment terms, interest rate.
Venture Capital and Start Up Companies	Face amount should not exceed key person limits when key person is the primary purpose. If loan, use creditor guidelines	Require confirmation that capital has been obtained. May also require, profitability projections, product/service descriptions, product cost/pricing, saleability, and experience/skills of management team.

3. A detailed cover letter must be provided, and growth rates/factors are applied at the underwriter's discretion.

Part II

Impairment Guide

The following pages highlight some of the more common impairments we see at John Hancock.

They are organized into three sections:

1. Medical Impairments
2. Long-Term Care Rider
3. Non-Medical Risks:
 - Aviation
 - Avocations
 - Professional Athletes
 - Foreign Travel
 - Non-U.S. Residents

Use the information as a reference on what details the underwriter needs up front to assess specific conditions as well as factors that will impact the decision.

Contact your underwriter if you would like information about an impairment that is not included.

Each chart identifies the following information:

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>The name of the impairment, including a short description.</p> <p>Conditions are listed alphabetically (types of cancer categories listed alphabetically under “Cancer”).</p>	<p>The criteria the underwriter uses to classify the risk.</p>	<p>These are the specific details and requirements (in addition to routine underwriting requirements) to include in your application package to help focus APS requests, ensuring the correct information is requested from the doctor up front. This will streamline the underwriting process by significantly reducing the need for subsequent reports, or other requirements, while also allowing the underwriter to make the most competitive decision from the outset.</p>	<p>The classification or rating necessary for the impairment based on the factors and requirements presented. Most conditions have a sample decision for a best-case scenario, typical case, and worst-case rating.</p> <p>Note: Standard Plus is available depending on product selection.</p>

Keep in mind this guide provides an overview of the factors the underwriter considers and the likely decisions. It is not a complete underwriting manual.

Please note that the likely underwriting decisions for medical impairments (pages 15 to 32) are applicable only to the life insurance portion of a policy. For details on likely underwriting decisions for the Long-Term Care rider, please see pages 32 to 36.

Acronyms and Abbreviations

AAA	abdominal aortic aneurysm
ABI	ankle-brachial index
ADLs	activities of daily living (e.g., feeding, bathing, dressing)
APS	attending physician's statement
ASD	atrial septal defect (congenital heart disorder)
ATP	airline transportation pilot certificate
BP	blood pressure
BUN	blood urine nitrogen
CABG	coronary artery bypass graft
CAD	coronary artery disease
CFS	chronic fatigue syndrome
CHOL	cholesterol
CKD	chronic kidney disease
CLL	chronic lymphocytic leukemia
COPD	chronic obstructive pulmonary disease
CT	computed tomography
CTA	computed tomography angiogram
CVD	cerebrovascular disease
CXR	chest x-ray
DWI	driving while impaired
DVT	deep vein thrombosis
EBCT	electron-beam computed tomography
ECHO	echocardiogram
EEG	electroencephalogram
EF	ejection fraction
EKG	electrocardiogram
ER	emergency room
FEV1	forced expiratory volume during first second
FH	family history
GI	gastrointestinal
GXT	graded exercise test

HBsAg	hepatitis B surface antigen
HIV	human immunodeficiency virus
HTN	hypertension
IADLs	instrumental activities of daily living (e.g., banking, shopping)
IC	individual consideration
IDDM	insulin dependent diabetes mellitus
IFR	instrument flight rating
LFT	liver function test
LIPIDS	fats in the blood (e.g., cholesterol)
LTC	long-term care
MRI	magnetic resonance imaging
MVR	motor vehicle report
NIDDM	non-insulin dependent diabetes mellitus
OSA	obstructive sleep apnea
PFT	pulmonary function test
PP	postpone
PAF	paroxysmal atrial fibrillation
PSA	prostate specific antigen
PTCA	percutaneous transluminal coronary angioplasty
PVD	peripheral vascular disease
Rx	medication
TEE	transesophageal echocardiography
TIA	transient ischemic attack
TST	treadmill stress test
VSD	ventral septal defect (congenital heart disorder)

Medical Impairments

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Alcohol Excess Alcohol consumption considered as alcohol abuse, dependence, at risk, and heavy use.</p>	<ul style="list-style-type: none"> • Current age • Amount of alcohol declared • Any diagnosis of abuse or dependence • How long abstinent or consuming in moderation • Any relapses • Member of a self-help group • Treatment with medication • Any co-morbid conditions • Any medical complications • Driving history 	<p>Requirements: APS, paramed, MVR, blood test</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Provide details of medical treatment and any psychiatric/psychological report • Document any residential care, including dates and length of treatment • Clearly outline any favorable aspects such as continued employment, attendance at self-help groups, etc. • Alcohol Questionnaire 	<p>Ratings depend primarily on applicant's age, time since last use, and any co-morbid factors</p> <p>Best Case: Over age 30 and >5 years since last consumption: Standard Plus possible</p> <p>Typical Case: 150 to 200%</p> <p>Worst Case: Decline</p>
<p>Anemia A reduction in the number of red blood cells due to blood loss, failure of the bone marrow to produce sufficient cells, or premature destruction of the cells.</p>	<ul style="list-style-type: none"> • Type of anemia • Cause of anemia, if known • Treatment • Details of testing done and referrals to specialists (include dates, names of tests and doctors seen) • Blood test results • Medications • Any concurrent impairment 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Details of investigation and testing • Details of ongoing surveillance of the condition (including blood tests, electrophoresis) 	<p>Ratings depend on type of anemia. Decisions can range from Preferred to decline</p> <p>Iron deficiency anemia: Preferred possible when fully investigated and no underlying condition identified</p> <p>Aplastic anemia: Usually decline</p> <p>Hemolytic anemia: Standard to 200%, but rating could be higher depending on type and severity</p>
<p>Aneurysm Abnormal dilation of an artery.</p>	<ul style="list-style-type: none"> • Type or location of aneurysm • Date of diagnosis • Cause of aneurysm • Size and stability of aneurysm • Currently present • Treatment • Smoking history • Blood pressure control 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • All tests and details of ongoing surveillance • Details of any lifestyle modifications • Details of BP and lipid control • Smoking history • Any residuals (good level of activity) 	<p>Can consider on a rated basis 6–12 months post-op depending on the type of aneurysm</p> <p>Abdominal:</p> <ul style="list-style-type: none"> • Unoperated – small, stable x2 years: 150 to 200%. Better rating if stable for longer periods. Large (>5 cm): Decline • Operated – typical rating: 150% <p>Cerebral:</p> <ul style="list-style-type: none"> • Unoperated – small, stable, no complications: 150%. Better rating if stable for longer periods. Large: Postpone • Operated – typical rating, if no complications, may be Standard after 2 years <p>Thoracic: Considered more severe and is often declined without successful surgery</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
Angina Pectoris Chest pain caused by reduced blood flow to the heart due to Coronary Artery Disease.	Refer to Coronary Artery Disease		Unable to consider until 3–6 months after treatment
Angioplasty	Refer to Coronary Artery Disease		Unable to consider until 3–6 months after treatment
Arteriosclerosis	Refer to Coronary Artery Disease		
Asthma Chronic inflammatory condition of the airways causing shortness of breath that is triggered by allergens, irritants, cold air, or exercise.	<ul style="list-style-type: none"> • Current age • Date of diagnosis • Severity of symptoms • Frequency of attacks • Timing of attacks (day or night) • Type of medication and frequency of use • Compliant with medications • Medication side effects • Hospitalizations or ER visits • Limitations to activities • Smoking history • Concurrent impairments such as COPD, psychiatric disorder, alcohol abuse, CAD 	<p>Requirements: APS or Asthma Questionnaire</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pulmonary function tests, hospital reports • Details of lifestyle modification (such as non-smoking) • Level of activity • Type of medication and frequency of use 	<p>Minimal: Super Preferred possible</p> <p>Mild: Preferred to 150%</p> <p>Moderate: 150 to 250%</p> <p>Severe: 250% to decline</p>
Atrial Fibrillation Arrhythmia of the atria where it contracts chaotically.	<ul style="list-style-type: none"> • Date of diagnosis and age at onset • Age of applicant • Frequency of attacks • Fully investigated • Paroxysmal vs chronic • Treatment • Complications from treatment (e.g., drug toxicity or hemorrhage from anticoagulant) • Any underlying heart disease • Complications (e.g., stroke or congestive heart failure) • Any concurrent impairment (e.g., history of alcohol abuse, CAD, valvular disease, TIA, or stroke) 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Copies of all cardiac investigations • Details of any prophylactic medication (e.g., blood thinners) • Outline any lifestyle modification • Current level of activity 	<p>New diagnosis or new finding on insurance exam must be declined. If heart disorder, it will be rated according to the cause</p> <p>Well controlled PAF (paroxysmal atrial fibrillation) with minimal attacks: Standard</p> <p>If there is no CAD or other underlying heart disease, average rating for CAF (chronic atrial fibrillation) is 150 to 175%</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
Bariatric Surgery Surgery for morbid obesity, most commonly known as “stomach stapling.”	<ul style="list-style-type: none"> • Pre-operative weight • Any co-morbid conditions (such as diabetes, hypertension, coronary disease) • Date of surgery • Type of surgery • Any surgical complications • Outcome of surgery (weight loss, improvement of risk factors) 	Requirement: APS Information to include: <ul style="list-style-type: none"> • Supply all medical reports relating to the surgical procedure and follow-up • Illustrate positive improvements in lifestyle 	Unable to consider until 3–6 months after surgery Assuming no complications – Up to 12 months: Rating based on pre-operative weight minus half any weight loss >1 year: Rating based on current weight
Barrett's Esophagus Disorder in which the cells normally lining the lower esophagus are replaced by cells normally found lining the stomach. May occur due to esophageal injury caused by reflux. Barrett's esophagus may be a pre-malignant condition for esophageal cancer.	<ul style="list-style-type: none"> • Current age • Ongoing risk factors • Type of testing done and results (endoscopy, biopsy) • Stable course • Medication/treatment • Response to medication treatment • Compliant with medical treatment and follow-up • Complications (e.g., hemorrhage, perforation) 	Requirement: APS Information to include: <ul style="list-style-type: none"> • Pathology report • Details of ongoing follow-up (e.g., endoscopy) • Details of lifestyle modification (stop smoking and alcohol use) • Medication/treatment 	Best Case: Preferred if no dysplasia and good follow-up done on a regular basis Typical Case: Standard to 150% Worst Case: Decline (if history of high-grade dysplasia and treated with medication only)
Blood Pressure	Refer to Hypertension		
Bypass surgery	Refer to Coronary Artery Disease		Unable to consider until 6 months after treatment
Cancer	Refer to specific organ or type of cancer		
Cancer: Basal Cell Carcinoma A type of skin cancer that rarely spreads.	<ul style="list-style-type: none"> • Date of diagnosis • Pathology (confirmation of basal cell carcinoma) • Type of treatment • Date treatment completed • Confirmation that tumor has been removed completely • Any recurrence or spread • Ongoing risk factors like multiple dysplastic nevi and a propensity to develop other skin cancers • Any serious complications from treatment 	Requirement: APS (not typically required if pathology was confirmed as basal cell carcinoma) Information to include: <ul style="list-style-type: none"> • Pathology report including post-operative report • Details of ongoing follow-up • Details of lifestyle modification (sun screen, stop smoking) 	Complete excision: Standard or better immediately on removal; may qualify for Preferred <ul style="list-style-type: none"> • Eyelid - potentially ratable

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Cancer: Breast Breast cancer is the most frequently diagnosed cancer in American women and the second most frequent cause of cancer death. The lifetime risk of developing breast cancer is 1 in 8 women (12.2%).</p>	<ul style="list-style-type: none"> • Date of diagnosis • Type and stage of cancer • Size of tumor • Type of treatment • Date treatment completed • Any recurrence or spread • Reduced/eliminated risk factors (e.g., smoking) • Any serious complications from treatment 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pathology report • Details and date(s) of treatment, including any adjunct therapy (e.g., Tamoxifen) • Hospital reports • Details of follow-up (mammograms, bone scan, etc.) 	<p>Underwriting can be done only once treatment has been completed and if the client is well followed. On higher stage/grade tumors, may only be able to consider >10 years after last treatment. Ratings often are a combination of both table and reducing flat extras</p> <p>Preferred may be available on very remote histories (i.e., >25 years)</p> <p>Best Case: Depending on the pathology report, therapy and follow up, if the client's age is 45 or older, some localized, in-situ, low grade breast cancers, can be considered for Standard after the client's first post-operative checkup or completion of other therapies</p> <p>Typical Case: Unable to consider for 1-2 years after completion of treatment (chemo or radiation), then \$10x3 to \$15x4 range, depending on age</p>
<p>Cancer: Colon Colorectal cancer is the third most common type of cancer in the world. The risk begins to increase after age 40 and rises sharply at ages 50–55.</p>	<ul style="list-style-type: none"> • Date of diagnosis • Stage and grade of the tumor • Any hereditary syndrome that may be associated with other types of cancer • What treatment • Date treatment was completed • Ongoing follow-up • Any recurrence • Any complications from treatment 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pathology report • Details and date(s) of treatment • Hospital reports • Details of follow-up (colonoscopy and tumor markers) 	<p>Underwriting can be done only once treatment has been completed and if the client is well followed. On higher stage/grade tumors, may only be able to consider >8-10 years after last treatment. Preferred possible if meets criteria for Standard for at least 10 years. Standard Plus possible if history qualifies for Standard for the past 5 years</p> <p>Best Case: Stage 0 tumor – Standard or better</p> <p>Typical Case: Stage 1 tumor, 2 full years after treatment – \$5/1000 x 2 years</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Cancer: Leukemia A progressive, malignant disease of the blood cells and blood forming organs (i.e., bone marrow and spleen).</p>	<ul style="list-style-type: none"> • Current age • Date of diagnosis • Type of leukemia and stage of cancer • Treatment • Date treatment completed • Any recurrence or secondary cancer 	<p>Requirements: APS, special blood testing if current results are not provided in the APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pathology reports • Evidence of regular follow-up • Hospital reports • Details and date(s) of treatment 	<p>Preferred is not available. Standard Plus possible after 10 years of qualifying for Standard rates</p> <p>The most common type of leukemia seen in underwriting is CLL, which is insurable, if stable, low-stage disease and typically after two years since the diagnosis. CLL diagnosed under age 50 is a decline</p> <p>For other types of leukemia, depending on the type, coverage may not be available for 5 or more years following diagnosis. Very few cases can be offered coverage</p> <p>Best Case: (CLL cases) 150 to 200% 5–10 years post treatment</p>
<p>Cancer: Lung The most common type of cancer death for both men and women. The two main types of lung cancer are small cell and non-small cell.</p>	<ul style="list-style-type: none"> • Current age • Date of diagnosis • Type and stage of cancer • Type of treatment • Date treatment completed • Any recurrence or spread • Reduced/eliminated risk factors (e.g., smoking) • Any concurrent impairment (e.g., emphysema or chronic bronchitis) • Any serious complications from treatment 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pathology report • Hospital reports • Details and date(s) of treatment • Evidence of regular follow-up (CT scans etc.) 	<p>Lung cancer can only be considered if treatment completed, not smoking, stable course, and no recurrence</p> <p>Stage I: Class 5 to 7</p> <ul style="list-style-type: none"> • Class 5: Postpone x 3 years then \$15/1000 x 5 years • Class 6: Postpone x 4 years then \$20/1000 x 5 years • Class 7: Postpone x 5 years then \$25/1000 x 5 years <p>Stage II/III/IV: Decline</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Cancer: Prostate This is the most common internal malignancy found in American males.</p>	<ul style="list-style-type: none"> • Current age • Age at diagnosis • Date of diagnosis • Type of treatment • Date treatment completed • Stage and Gleason Grade • Any recurrence or spread • Current PSA reading • Any serious complications from treatment 	<p>Requirements: APS, blood profile to include PSA if current results are not available</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pathology reports • Type of treatment • Evidence of regular follow-up and PSA testing • Copies of PSA tests 	<p><Age 70: Availability of coverage will depend on the stage and Gleason Grade of the tumor</p> <p>Standard Plus is possible 5 years after qualifying for Standard rates. Preferred is possible 10 years after qualifying for Standard rates</p> <p>Best Case:</p> <ul style="list-style-type: none"> • Age at diagnosis 50–59: If localized tumor (stage T1 or T2 with the Gleason Grade 2–4), surgical treatment, PSA undetectable post-op then consider Standard • Age at diagnosis 60–90: If localized tumor (stage T1 or T2 with Gleason Grade 2–6), surgical or radiation treatment, PSA undetectable post-op then consider Standard • Age at diagnosis 70–90: If localized tumor (stage T1 or T2 with Gleason Grade 2–6), treated by surgery or radiotherapy, PSA is undetectable then consider Standard • Age at diagnosis 50–90: Favorable cases, surgically treated, stage T1 or T2 with Gleason Grade 7, may qualify for Standard years <p>Typical Case: (watchful waiting) Age at diagnosis 70–90: PSA <10, then consider 200% to Standard depending on the age</p>
<p>Cancer: Skin Borderline Malignancy Paget's disease, Bowen's disease (not genital), dysplastic nevus, Lentigo Maligna, Hutchinson's melanotic freckle.</p>	<ul style="list-style-type: none"> • Date of diagnosis • Pathology (confirmation of basal cell carcinoma) • Type of treatment • Date treatment completed • Confirmation that tumor has been removed completely • Any recurrence or spread • Ongoing risk factors like multiple dysplastic nevi and a propensity to develop other skin cancers • Any serious complications from treatment 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pathology report including post-operative • Details of ongoing follow-up • Details of lifestyle modification (sun screen, stop smoking) 	<p>Best Case: Standard immediately on removal; may qualify for Preferred</p> <p>Worst Case: Postpone</p> <p>Atypical Mole Syndrome or Dysplastic Nevus Syndrome: Standard to 150%</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Cancer: Skin Malignant Malignant change in the skin becomes more common with increasing age. Exposure to sunlight is an important predisposing factor in fair-skinned people.</p>	<ul style="list-style-type: none"> • Date of diagnosis • Type of cancer/tumor • Depth and thickness of tumor • Type of treatment • Date treatment completed • Any recurrence or spread • Ongoing risk factors like multiple dysplastic nevi and a propensity to develop other skin cancers • Any serious complications from treatment 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pathology report • Evidence of regular dermatology follow-up • Hospital treatment reports 	<p>Malignant melanoma in-situ: Preferred possible</p> <p>Malignant melanoma: Many are offered at \$5–7/1000 x 3 years immediately following excision. Deeper lesions must be declined for a minimum of 2–5 years following treatment Standard Plus is possible 10 years after qualifying for Standard rates</p>
<p>Cancer: Testicular The most common malignancy in men 20–34 years old.</p>	<ul style="list-style-type: none"> • Date of diagnosis • Type and stage of testicular cancer (seminoma, embryonal, yolk sac, etc.) • Any recurrence 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pathology report • Treatment and hospital report • Evidence of regular follow-up 	<p>Best Case: Stage I Seminoma – Standard following completion of successful treatment. Preferred may be available once Standard rates for 5 years for Stage I Seminoma</p> <p>Typical Case: Stage II Seminoma – PP x 1 year then \$10/1000 x 4 years</p> <p>Worst Case: Cases with reoccurrences could be declined</p>
<p>Cancer: Thyroid The most common malignancy of the endocrine system, generally more common in women.</p>	<ul style="list-style-type: none"> • Type of thyroid cancer (papillary, follicular, anaplastic, etc.) • Pathology • Age of applicant • Type of treatment and date(s) performed • Any remission and for how long • Any recurrence • Any complications from treatment 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pathology report • Treatment and hospital report • Evidence of regular follow-up 	<p>Best Case: Standard can be considered after the first post-operative checkup or completion of other therapies for papillary and follicular type thyroid cancers for applicants age 45 and older with Stage I and Stage II localized, low grade disease. In some cases after 5 years of qualifying for Standard rates, Preferred may be available</p> <p>Typical Case: Moderate grade papillary tumor, can consider Standard 7–8 years following treatment</p> <p>Worst Case: Decline if anaplastic tumor Reconsideration may be possible for cases initially postponed for uninvestigated thyroid nodule that has subsequently been investigated and proven benign</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Cancer: Uterine The most common gynecological malignancy.</p>	<ul style="list-style-type: none"> • Date of diagnosis • Type, stage and grade of uterine cancer (endometrioid, papillary, serous, etc.) • Any recurrence 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pathology report • Treatment and hospital report • Evidence of regular follow-up 	<p>Preferred may be available once Standard rates for 5 years for Stage IA well or moderately differentiated uterine cancer</p> <p>Best Case: Stage IA, Grade 1, well differentiated endometrioid or mucinous carcinoma – Standard following completion of successful treatment</p> <p>Typical Case: Stage IB endometrial carcinoma – PP x 1 year then \$10/1000 x 4 years</p> <p>Worst Case: Stage IV decline</p>
<p>Chronic Obstructive Pulmonary Disease (COPD) A variety of diseases that cause chronic progressive irreversible airway obstruction.</p>	<ul style="list-style-type: none"> • Current age • Smoking history and current tobacco use • Build, any recent weight loss • Severity of symptoms • Speed of disease progression • Alpha-1 antitrypsin deficiency or other biochemical abnormality • Any concurrent impairment (e.g., CAD, cancer, malnutrition) • Any hospitalization • Any treatment with oxygen is a decline 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • PFT, serial PFTs • Details of lifestyle modification • Level of activity 	<p>The younger the applicant, the higher the rating. Ages over 70 may be more favorable. Current smoker, likely decline</p> <p>Chronic Bronchitis or Emphysema (ages 40–69):</p> <p>Mild: Standard to 150%</p> <p>Moderate: 175 to 250%</p> <p>Severe: 300% to decline</p> <p>Very severe: Decline</p>
<p>Cognitive Impairment A chronic progressive disorder characterized by losses of cognition, personality, and behavior that are severe enough to interfere with the quality of daily life.</p>	<ul style="list-style-type: none"> • Type of cognitive impairment • Age of applicant • Age at onset • Severity • Type of treatment • Cause, if known • History of accident, falls, hallucinations, etc. • Confinement in a nursing home 	<p>Requirements (needed if there is any suspected cognitive impairment): APS, Cognitive and Mobility Assessment (such as Nation’s CareLink assessment) may be requested</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Clearly outline the positive aspects of your client’s independent and active lifestyle • Any neuropsychiatric testing (such as cognitive or memory testing) • Activity levels • ADLs affected • IADLs affected 	<p>Rating will depend on type of cognitive impairment: No consideration for onset prior to age 70. Postpone for a minimum of 2–3 years. After 3 years and confirmation of final diagnosis, possible to consider with a substandard rating if mild and completely stable with no progression of symptoms</p> <p>Alzheimer’s, Vascular Dementia, Pick’s Disease, Lewy Body Dementia and Creutzfeldt-Jakob Disease: Decline</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Congenital Heart Disease A variety of malformations of the heart that vary significantly in severity.</p>	<ul style="list-style-type: none"> • Current age • Specific congenital abnormality • Treatment including date(s) of any surgery • Medications • Smoking history • Any concurrent serious impairment • Any underlying coronary artery disease • Active lifestyle • Blood pressure and cholesterol readings • Family history 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Include any operative/hospital reports • Follow-up and investigations post-op (e.g., serial ECHOs, EKGs) • Details of lifestyle modification • Activity level 	<p>Depending on the type of congenital abnormality, some cannot be considered until they have been surgically corrected. For more serious abnormalities, coverage cannot be considered until 2 years after surgery</p> <p>Less serious abnormalities such as small ASD, VSD, Patent Foramen Ovale, may be Standard or better</p> <p>Ratings for more serious abnormalities (such as large ASD, VSD, coarctation of aorta, tetralogy of fallot, transposition of great vessels): 200% to decline</p>
<p>Coronary Artery Disease (CAD) The coronary arteries are unable to supply sufficient blood to the heart due to progressive narrowing of the arteries, thrombosis, or vascular spasm.</p>	<ul style="list-style-type: none"> • Current age • Date of diagnosis and age at onset • Severity of the disease (how many vessels and which ones) • Current symptoms • Treatment • Medications • Smoking history • Any concurrent serious impairment • Any history of congestive heart failure or arrhythmia • Active lifestyle • Blood pressure and cholesterol readings • Family history 	<p>Requirements: APS, EKG (or recent TST from APS)</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Cardiac test results (e.g., angiogram, recent stress tests, nuclear stress test) • Detailed list of medications • Copies of lipid testing • Details of any lifestyle change <p>Best ratings possible with testing including nuclear stress test and stress echocardiograms within the past 12 months</p>	<p>Unable to consider until 3–6 months post-treatment (by-pass surgery, PTCA, etc.)</p> <p>Decline if age at application is less than 35</p> <p>Decline if Class 4 (heart failure, ejection fraction <40%)</p> <p>Best possible ratings Class 1 CAD: (e.g., 1 vessel disease and ejection fraction >55%) Age: <50: 175% 50–59: 150% 60–70: Standard 71–90: Preferred</p> <p>Standard Plus and Preferred for ages 71+ Class 1 CAD best cases only. Face amount may be limited</p> <p>Best possible ratings Class 2 CAD: (e.g., 2 vessel disease and an ejection fraction of 50–55%) Age: <50: 225% 50–70: 150 to 175% 71–90: Standard</p> <p>Average ratings Class 2 CAD: Age: <50: 250 to 300% 50–69: 200% 70–90: 150%</p> <p>Average ratings Class 3 CAD: (e.g., more serious CAD, 3 vessel disease and ejection fraction <45–50%) Age: <50: 300% to decline 50–69: 225% 70–90: 150% to 200%</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Crohn's Disease A chronic inflammatory disease affecting any part of the GI tract. It has an unpredictable course and while complete remission can occur, the disease is generally chronic and relapsing and often requires surgery.</p>	<ul style="list-style-type: none"> • Current age • Severity of the disease • Frequency of flare ups • Severity of symptoms • Medication – ongoing oral steroid therapy • Hospitalization • Surgery • Weight stable or loss • Testing and follow-up • Complications or concurrent impairments such as rheumatoid arthritis or other inflammatory disease 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pathology reports • Evidence of regular GI surveillance (colonoscopy) • Details of hospitalization and hospital reports • Stable weight • Active lifestyle 	<p>The younger the age at application and the more severe the course of the disease, the higher the ratings. Severe symptoms currently may not be insurable until stabilized for 1 year</p> <p>Mild disease: Preferred is possible if stable course for 2+ years over age 45</p> <p>Moderate disease: Standard to 200%, depending on time since last attack and over age 45</p> <p>Severe disease: 150 to 200%, depending on time since last attack and over age 45</p>
<p>Defibrillator/ Implantable Cardioverter Defibrillator (ICD) A small device that is placed in the chest or abdomen to help treat irregular heartbeats and life-threatening arrhythmias, especially sudden cardiac arrest. ICDs use electrical pulses or shocks to treat arrhythmias in the ventricles. ICDs are not to be confused with another device called a pacemaker, which is used to treat less dangerous heart rhythms.</p>	<p>Not applicable</p>	<p>Not applicable</p>	<p>Most cases will be a decline</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Diabetes A group of metabolic disorders caused by inadequate production or use of insulin. It is a common disease affecting approximately 30 million people worldwide. Diabetes is usually irreversible, although controllable by diet, medication, and exercise. Late complications such as accelerated CAD or stroke, and kidney disease result in reduced life expectancy.</p>	<ul style="list-style-type: none"> • Current age • Date of diagnosis and age at onset • Type of diabetes • Treatment • Medication • Degree of control – blood sugar readings including Hemoglobin A1c • Complications – nephropathy, neuropathy, retinopathy, cardiovascular disease • Current height and weight • Blood pressure 	<p>Requirements: APS, blood (if not already required or current results not available)</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Type of diabetes including age at onset • Copies of specialist reports (neurologist, nephrologist, endocrinologist) • History of blood sugar control – copies of blood and urine tests (including Hemoglobin A1c and microalbumin where possible) • Details of risk factor modification • Active lifestyle • Medications 	<p>The younger the age at application and the more severe the course of the disease, the higher the ratings</p> <p>Preferred may be available >age 60, Type 2 diabetes treated with diet or oral medication only, no complications, and excellent control</p> <p>Gestational diabetes requires individual consideration but offer may be available, generally if insulin is not required and there are no pregnancy complications</p> <p>Type 1 (also known as IDDM)</p> <ul style="list-style-type: none"> • Best Case: Excellent control, no complications: 150% over age 50 • Typical Case: 200% depending on the age and control • Worst Case: Complications, poor or uncontrolled: Decline <p>Type 2 (also known as NIDDM or adult-onset diabetes) –</p> <ul style="list-style-type: none"> • Best Case: Standard Plus if age 50 and over, excellent control, no complications and treated by diet and oral medication only. Preferred if age 60 and over, excellent control, no complications, and treated by diet or oral medication only • Typical Case: Standard to 150% • Worst Case: Decline

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
Emphysema	Refer to COPD		
Epilepsy/Seizure Disorder This is an event of altered brain function due to an abnormality of excessive electrical discharges from the brain cells. There are many different types of seizures and forms of epilepsy.	<ul style="list-style-type: none"> • Age at onset • Compliance with medication • Control of seizures • Reason for the seizure activity • Any alcohol use • Any other significant medical conditions 	Requirement: APS Information to include: <ul style="list-style-type: none"> • Type of epilepsy • Age diagnosed • Duration of history • Date of last seizure and number of seizures per year • Medications 	Best Case: Generalized or partial, cause unknown, over 3 years since diagnosis, with a past history of 3 seizures or less per year and no seizure in the last year: Preferred Typical Case: Generalized or partial, cause unknown, 1–3 years since diagnosis, 3 or less seizures per year: Standard to 150% Worst Case: Decline if poor compliance with medication, history of alcohol abuse, frequent accidents, seizures cannot be controlled with medication
Frailty A clinical concept describing a condition most commonly found in the elderly; it is associated with a high risk of mortality and morbidity.	<ul style="list-style-type: none"> • Current age • Evidence of cognitive decline or depression • Problems with the activities of daily living • Any involuntary weight loss • History of falling, fractures secondary to osteoporosis, frequent car accidents • Confinement to a nursing home or hospitalization within the past year • Number of medications • Any other significant health history 	Requirements: APS, Cognitive and Mobility Assessment (such as Nation's CareLink assessment) may be necessary Information to include: Clearly outline the positive aspects of your client's independent and active lifestyle	Most cases of frailty require individual assessment and ratings/offers are made following consultation with a John Hancock medical director
Gall Bladder Disease The gall bladder stores and concentrates bile produced in the liver. The most common disorders of the gall bladder are generally benign.	<ul style="list-style-type: none"> • Any other significant health history • Nature of the disease • Any serious complications (e.g., pancreatitis or jaundice) • Treated surgically 	Requirement: APS (not typically required for gall stones) Information to include: Full records to include diagnosis, all investigations and test results	This is generally a benign condition and can qualify for best class if criteria are met. However, large, solitary gall bladder polyps in older individuals must be fully investigated before an underwriting offer can be considered Typical Case: Gallstones or multiple gall bladder polyps: Standard
Heart Attack	Refer to Coronary Artery Disease		

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Hepatitis B Hepatitis B is a disease caused by the Hepatitis B virus (HBV).</p>	<ul style="list-style-type: none"> • Date of diagnosis • Acute or chronic infection • Laboratory results (liver function) • If chronic, was a biopsy done? • Any alcohol usage or other medical conditions • Treatment and date(s) of treatment 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Laboratory results (including LFTs and hepatitis panel) • Sonograms, CTs, biopsy results 	<p>Best Case: Acute infection, over 6 months, HBsAg negative and liver functions normal: Standard or better</p> <p>Typical Case: Chronic infection (HBeAg+) with or without liver biopsy, untreated, depending on laboratory results and how long infection has been present: Possible 150 to 250%</p> <p>For chronic infection, treated, biopsy results (within the last 5 years), normal LFTs, mild to moderate: Standard to 200%</p> <p>Worst Case: Decline if having more than one alcohol drink per day, HCV co-infection, any finding of cirrhosis, biopsy done in the last 5 years shows severe inflammation and untreated</p>
<p>Hepatitis C Hepatitis C is a liver disease caused by the Hepatitis C virus (HCV).</p>	<ul style="list-style-type: none"> • Duration of the disease • Laboratory results • Has a biopsy been done? • Does the client use alcohol and if so, amount per day? • Treatment and date(s) of treatment 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Laboratory results (including LFTs and hepatitis panel) • Biopsy results • Sonogram and/or ct scan results 	<p>Best Case: Age 70 or older with normal liver function tests for the last 3 years: Standard. If favorable biopsy: Standard Plus or Preferred possible</p> <p>Typical Case: Current age 40–69, chronic infection, biopsy unavailable, untreated, age onset unknown and liver function tests not higher than 1.5 times normal range: 175 to 250% depending on age</p> <p>Worst Case: Decline if having more than one alcohol drink per day, HBV co-infection, any finding of cirrhosis, currently undergoing treatment, or biopsy done in the last 5 years showing severe fibrosis, treated or untreated</p>
<p>HIV Human immunodeficiency virus is a chronic viral infection that can weaken the body's immune system and may lead to significant infections, cancer, and premature death.</p>	<ul style="list-style-type: none"> • Current age • Date of diagnosis • Documented favorable and stable clinical course, strict adherence and response to antiretroviral therapy (ART) (Minimum of 5 years of favorable treatment) • Absence of significant immuno-suppression or co-morbid conditions (e.g. diabetes or coronary artery disease) • Tobacco use 	<p>Requirements: APS, lab results, including special blood testing if current results are not provided in APS (plus routine underwriting requirements; for details, visit the Field Underwriting Guide on John Hancock's producer website)</p> <p>Information to include: APS to include evidence of continuous care and details related to treatment</p>	<p>Offers will be limited to applicants ages 30 to 65, applying for a maximum of \$2,000,000</p> <p>If eligible for coverage, ratings range from 250% to 400% with a \$2 flat extra for younger ages</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Hypertension Primary, or essential hypertension, is the most common type affecting 95% of people with hypertension. The cause is unknown, but is thought to be the result of a complex interplay of factors that include demographic, genetic, and environmental factors. Secondary hypertension results from disorders of the kidney, endocrine, or nervous system.</p>	<ul style="list-style-type: none"> • Current age • Date of diagnosis • Type of hypertension (essential or secondary to another impairment) • Medication/treatment • Response to medication treatment • Current BP readings and history of readings for past 2 years (demonstrate stable course) • Compliant with medical treatment and follow-up • Any concurrent impairment (e.g., CAD, stroke, kidney disease, diabetes, build) 	<p>Requirements: APS, paramed</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Record of blood pressure readings • Copies of any cardiac investigation • Details of risk factor modification • Active lifestyle 	<p>Rating depends on severity of hypertension</p> <p>May qualify for Best Class if well-controlled and compliant with medication</p>
<p>Kidney (Renal) Function Test Blood tests are done with a renal function panel to determine how well the kidneys are functioning. When results are out of normal range, it can indicate the possibility of a disease process.</p>	<ul style="list-style-type: none"> • How elevated is the BUN or serum creatinine? • Is the client taking any medication that may adversely affect the findings? • Is there any medical condition that may contribute to the findings? • What are the normal trends of the BUN and serum creatinine in the APS information? • Is this a new problem which has not been fully evaluated? 	<p>Requirements: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Results of full chemical profile • Quality of specimen • Results of urine findings • Details of any medical conditions that may contribute to the findings 	<p>Decision will depend on how elevated the lab findings are, any other medical conditions, any diagnosis for known history of abnormal renal functions</p> <p>Best Case: With only minimally abnormal renal function test in a client less than age 60 with no history of diabetes or poorly controlled blood pressure: possible Preferred</p> <p>Typical Case: With mildly abnormal renal functions, client over the age of 60, stable trend of renal functions in APS, no history of diabetes, poorly controlled blood pressure or other renal impairments: possible Standard to 150%, depending on age</p> <p>Worst Case: With mildly abnormal renal function, history of diabetes, poorly controlled blood pressure, other renal impairments or moderately abnormal renal functions: possible 200% to decline, depending on age</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Liver Function Test Blood tests are done with a liver panel to determine how well the liver is functioning and when results are out of normal range, it can indicate the possibility of a disease process.</p>	<ul style="list-style-type: none"> • How many liver functions are outside the normal lab range? • Is client taking any medications or using alcohol? • Is there a medical condition that is causing the elevation in liver function? • How long has this finding been monitored by the attending physician? • Is this a new finding which has not been fully evaluated with additional testing? 	<p>Requirements: APS, Hepatitis screens, all markers selectively</p> <p>Information to include:</p> <ul style="list-style-type: none"> • All laboratory tests • Any sonograms • Details of medications being taken • Amount of alcohol used • Results of any investigations for elevated liver functions 	<p>Decision will depend on how many liver function results are outside the normal range, the degree of elevation, any other medical conditions, any diagnosis for the elevated liver function finding</p> <p>Best Case: One liver function elevation, cause unknown up to 2 times normal range, no alcohol history, no associated medical history: Super Preferred</p> <p>Typical Case: Elevation of 2 liver functions, cause unknown up to 2 times normal range, no alcohol history, no associated medical history: Standard Plus</p> <p>Worst Case: Elevation of 3 liver functions, cause unknown up to 4 times or more over normal range: Decline</p>
<p>Myocardial Infarction</p>	Refer to Coronary Artery Disease		
<p>Parkinson's Disease A syndrome characterized by involuntary tremor, rigidity of the muscles and slowness of body movements.</p>	<ul style="list-style-type: none"> • Current age • Date of diagnosis • Medication/treatment • Response to medication treatment • Severity of the disease • History of falling or indications of dementia • Compliant with medical treatment and follow-up • Any concurrent impairment (e.g., depression) 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Details of type of Parkinson's • Type of treatment • Compliance and response to medication • Severity of the disease • Active and independent lifestyle (outline activities of daily living) 	<p>Best Case: Over age 80 with very mild symptoms, fully active and living independently, no medication can be considered Preferred</p> <p>Typical Case: Mild or moderate disease, over age 60, fully active and living independently, no complications, compliant with medication: 150 to 200%</p> <p>Worst Case: Severe disease: Decline</p>
<p>Peripheral Artery Disease (PAD)/Peripheral Vascular Disease (PVD) A disease resulting from the presence of systemic atherosclerosis mainly in the abdominal and lower extremity arteries.</p>	<ul style="list-style-type: none"> • Current age • Date of diagnosis • Medication/treatment • Response to medication treatment • Smoking status – if currently smoking this will have a greater impact on disease progression • Compliant with medical treatment and follow-up • Any concurrent impairment (e.g., CAD, CVD, diabetes, hypertension, build) 	<p>Requirements: APS, paramed, EKG – selectively</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Copies of any vascular and cardiac investigation • Details of any ongoing symptoms • ABI score • Details of risk factor modification • Active lifestyle 	<p>Best Case: Standard Plus with a normal ABI score. Preferred is possible over age 60 with a normal ABI score, Non-Smoker and favorable risk factors</p> <p>Typical Case: Clinical diagnosis of PAD, asymptomatic, no cardiac investigation, ongoing treatment, no ABI Age 50–69: 200% Age 70–79: 175% Age 80+: 150%</p> <p>Worst Case: Severe ABI: Decline Moderate ABI and under age 40: decline Smoker: Decline</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Pulmonary Nodule A small shadow found on chest x-ray that may be caused by a benign cyst, infection or abscess, or granuloma.</p>	<ul style="list-style-type: none"> • Current age • Date of diagnosis • Any treatment • Date treatment completed • Benign pathology • Reduced/eliminated risk factors (e.g., smoking) • Any concurrent impairment (e.g., emphysema or chronic bronchitis) 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Copies of tests • Details of follow-up • Demonstrated stability of lesion 	<p>If any malignancy, refer to Lung Cancer</p> <p>Pulmonary Nodule: Can be due to a benign cause. The underwriter must investigate thoroughly</p> <ul style="list-style-type: none"> • Size of nodule <_4 mm: Standard possible with no postpone; Preferred possible after 1 year of stability • Size of nodule >4 mm: postpone 1–2 years with CT scan follow-up reports • Minimum two-year postpone for Smokers
<p>Rheumatoid Arthritis This is an autoimmune disease which can affect not only the joints but also skin, eyes, lung, heart, blood, or nerves. This disease can affect everyone differently.</p>	<ul style="list-style-type: none"> • Severity of symptoms • Medications being taken • Any limitations of daily activities • No other significant medical condition(s) 	<p>Requirement: APS</p> <p>Information to include: Laboratory results</p>	<p>Best Case: Mild disease, under regular care of a physician, no other medical conditions and diagnosis 2+ years, well controlled on non-steroidal medications or immunosuppressants: Preferred possible</p> <p>Typical Case: 150 to 250% depending on whether moderate or severe, medications, duration, and age</p> <p>Worst Case: Client has limited mobility and/or has other significant medical conditions: Decline</p>
<p>Sleep Apnea Breathing stops for a short period during sleep.</p>	<ul style="list-style-type: none"> • Current age • Type of apnea (obstructive, central or mixed) • Severity • Treatment (CPAP or surgery) • Compliant with treatment • Date of last sleep study • Current height/weight • Concurrent impairments such as CAD, arrhythmia, PVD, hypertension • Smoking history 	<p>Requirement: APS may be required for severe cases</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Sleep studies, details of treatment and compliance • Details of risk factor control (e.g., build, medications), and lifestyle modification (smoking, tranquilizers) 	<p>Mild disease and no complications: Standard</p> <p>Compliance with prescribed therapy could be Preferred</p> <p>Moderate disease:</p> <ul style="list-style-type: none"> • Treated and compliant with therapy: Standard • Untreated and no complications: 150 to 200% <p>Severe disease:</p> <ul style="list-style-type: none"> • Untreated and no complications: 200% to decline • Treated and compliant with therapy: Standard to 150% <p>Use higher ratings if applicant <age 50</p>

Medical Impairments (continued)

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Stroke Permanent (>24 hours) damage to the brain caused by a vascular event, thrombosis, or hemorrhage resulting in permanent neurological deficit.</p>	<ul style="list-style-type: none"> • Current age • Date of diagnosis and age at onset • Current symptoms/extent of neurological deficit • Cause of stroke • Treatment • Medications • Number of strokes • Smoking history • Active lifestyle • Blood pressure and cholesterol readings • Any concurrent serious impairment 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Neurology workup (carotid duplex, MRI) • Current function (how active) • Lifestyle modifications 	<p>Preferred is not available Unable to consider until 12 months after the stroke If multiple strokes, usually decline The typical rating for a well worked up mild stroke, with minimal residuals, 150 to 200%. The younger the applicant and the more recent the stroke, the higher the rating Lacunar infarct – Age 75 and over, incidental MRI finding of lone lacunar infarct with no precipitating symptoms, favorable risk factors: Preferred may be possible</p>
<p>Transient Ischemic Attack (TIA) An episode of neurological dysfunction lasting less than 24 hours and no permanent neurological deficit.</p>	<ul style="list-style-type: none"> • Current age • Date of diagnosis and age at onset • Any neurological deficit • Number of episodes • Treatment • Medications • Smoking history • Test results • Active lifestyle • Blood pressure and cholesterol readings • Any concurrent serious impairment 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Neurology workup (carotid duplex, MRI) • Current function (how active) • Lifestyle modifications 	<p>Unable to consider until 6 months after the episode Average rating is Standard to 150% depending on the age For age 70 and over: Preferred possible if remote history of TIA with equivocal findings at the time of medical work-up</p>
<p>Ulcerative Colitis Chronic inflammatory ulceration of the colon (relapsing-remitting type disorder).</p>	<ul style="list-style-type: none"> • Current age • Severity of the disease • Frequency of flare-ups • Severity of symptoms • Medication (ongoing oral steroid therapy) • Hospitalization • Surgery • Weight stable or loss • Testing and follow-up • Complications or concurrent impairments (e.g., rheumatoid arthritis or other inflammatory disease) 	<p>Requirement: APS</p> <p>Information to include:</p> <ul style="list-style-type: none"> • Pathology reports • Evidence of regular GI surveillance (colonoscopy) • Details of hospitalization and hospital reports • Stable weight • Active lifestyle 	<p>The younger the age at application and the more severe the course of the disease, the higher the ratings Mild: Best cases, i.e., well-controlled on non-steroidal medication, no immunosuppressants, >5 years since last attack: Preferred is possible Moderate (including steroid treatment): Standard possible at older ages if more than 5 years since last attack. Up to 350% for recent attacks and at younger ages Severe: May not be insurable until stabilized for 1 year</p>

Underwriting the Long-Term Care Rider¹

The Long-Term Care (LTC) rider is underwritten based on morbidity risk rather than mortality risk and as a result, some proposed life insureds may not qualify for this rider even if they are Standard or better mortality risks.

Also, some combinations of Standard impairments may require this rider to be declined.

- The Long-Term Care rider cannot be issued at better ratings/rate classes than the life base policy assessment
- Risks with multiple impairments will be reviewed on an individual consideration basis

The Long-Term Care rider is available only if the life coverage is approved. It is NOT available:

- When the mortality rating on the base policy is >175% for LTCR '14 or >200% for LTCR '18
- With a flat extra
- To residents of foreign countries and also U.S. citizens traveling outside the U.S. for greater than six months per year (183 days)
- With any increasing rider (Return of Premium, Increasing Supplemental Face Amount)
- Post issue (i.e., the rider must be applied for with the life insurance application)

Condition and description	Likely underwriting decision
Activities of Daily Living (ADLs)	Decline if unable to perform any of the following ADLs or require supervision to do so: bathing, continence, dressing, eating, toileting or transferring
Alzheimer's Disease/Dementia	Decline
Ankylosing Spondylitis	May be insurable with life ratings up to 150% ²
Assistive Devices (including mobility aids)	Decline (examples include: cane, crutches, walker, wheelchair, scooter, hospital bed, stairlift, permanent catheter, respirator or oxygen)
Asthma	<ul style="list-style-type: none"> • Non-Smokers: May be insurable based on life ratings • Asthma classified as moderate or severe disease, or asthma in combination with smoking: Decline
Benign Cognitive Impairment	Decline
Bipolar Disorder (also known as Bipolar Affective Disorder or Bipolar Depression)	<ul style="list-style-type: none"> • Disease diagnosed as severe or new onset, or treated with anti-psychotic medications: Decline • Mild or moderate stable disease: Long-Term Care rider may be insurable based on life ratings
Build	<ul style="list-style-type: none"> • Individuals who have a BMI of ≤ 18.0 or ≥ 40.0 will not be considered • Overweight individuals with arthritis, CAD or other risk factors, and underweight individuals with depression, osteoporosis, and other risk factors may not be considered within BMI of 18.0–40.0

The Long-Term Care rider can be purchased in addition to a life insurance contract. This benefit allows an accelerated payout of a specific proportion of the proceeds of the life insurance as a reimbursement of long-term care costs. Refer to the Technical Guide — Long-Term Care Rider for additional information.

1. The Long-Term Care (LTC) rider is an accelerated death benefit rider and may not be considered long-term care insurance in some states. There are additional costs associated with this rider. The Maximum Monthly Benefit Amount is \$50,000. When the death benefit is accelerated for long-term care expenses it is reduced dollar for dollar, and the cash value is reduced proportionately. Please go to John Hancock's producer website to verify state availability.

This rider has exclusions and limitations, reductions of benefits, and terms under which it may be continued in force or discontinued. Consult the state specific Outline of Coverage for additional details.

2. Best rate class available for LTC rider will be Standard.

Underwriting the LTC Rider (continued)

Condition and description	Likely underwriting decision
Cancer	If any life rating is required: Decline
Carotid Bruit/Carotid Disease An abnormal sound in the carotid artery caused by atherosclerosis. It is a sign of a risk for stroke.	<ul style="list-style-type: none"> • Unilateral or with favorable investigations: May be insurable based on life rating¹ • Uninvestigated cases with bilateral bruits: Decline
Chronic Fatigue Syndrome Severe fatigue generally lasting six months or longer where all other causes have been eliminated.	<ul style="list-style-type: none"> • Diagnosed over six months ago, not disabled, treated, asymptomatic, without limitations: May be insurable based on life ratings¹ • Diagnosed within the past six months, receiving disability payments, with limited activity or treated with steroids or narcotics: Decline
Chronic Obstructive Pulmonary Disease (Bronchiectasis, COPD, Chronic Bronchitis)	Non-Smokers may be insurable based on life rating ^{1&æ}
Chronic Pain	<ul style="list-style-type: none"> • Fully active, no ongoing treatment with narcotics or narcotic injections, no assistive devices: May be insurable based on life rating¹ • With co-existing depression: Decline
Coronary Artery Disease (CAD)	<ul style="list-style-type: none"> • Age 45 and under: Decline • Over age 45 and Non-Smoker: Long-Term Care rider may be insurable based on life ratings¹ • In combination with co-morbid diseases (TIA, diabetes, PVD, valvular heart disease): Decline
Crohn's Disease	<ul style="list-style-type: none"> • Mild or moderate stable disease: Long-Term Care rider may be insurable based on life ratings¹ • Disease diagnosed as severe: Decline • Use of steroids 7.5 mg or more daily, or treatment with Remicade, Imuran, Cimzia, Neoral, Purinethol or similar type medications: Decline • Any ongoing weight loss or evidence of osteoporosis: Decline
Deep Vein Thrombosis (DVT)	<ul style="list-style-type: none"> • One episode over six months ago, Non-Smoker: Long-Term Care rider may be insurable based on life ratings • In combination with hypercoagulable state: Decline
Dementia	Decline
Depression	<ul style="list-style-type: none"> • Stable, mild and moderate with no limitations: May be insurable based on life ratings • New onset or severe: Decline • History of alcohol abuse, psychotic symptoms, requiring hospitalization, suicide attempt, or treatment with anti-psychotic medications: Decline
Diabetes	<ul style="list-style-type: none"> • Type 2 at ages 40 and older, Non-Smoker, blood sugars are well controlled and no complications: Long-Term Care rider may be insurable based on life ratings¹ • Type 1: Decline • Other scenarios including history of any co-morbid diseases such as CAD, TIA, CVD, kidney disease: Decline • Smokers: Decline
Disability	Decline if currently receiving disability benefits

1. Best rate class available for LTC will be Standard.

Underwriting the LTC Rider (continued)

Condition and description	Likely underwriting decision
Fibromyalgia This is widespread pain in the muscles, ligaments, and tendons.	<ul style="list-style-type: none"> Diagnosed over six months ago, asymptomatic, active lifestyle, treated only with non-steroidal anti-inflammatory medication, and no associated depression: Long-Term Care rider may be insurable based on life ratings Diagnosed within the past six months: Decline
Frailty	Decline
Handicap sticker or placard	Decline
Kidney Failure	Decline
Kyphoscoliosis A disorder characterized by progressive deformity of the spine.	Mild or moderate deformity, no osteoporosis and asymptomatic for at least six months: Long-Term Care rider may be insurable on a Standard basis
Multiple Sclerosis	Decline
Musculoskeletal Impairment Includes Degenerative Disc Disease (DDD), Joint Replacement, Radiculopathy, Spinal Stenosis.	<ul style="list-style-type: none"> Must be: fully active, no assistive devices, asymptomatic, minimal physiotherapy, and no occupational therapy or surgeries within the past six months: Long-Term Care rider may be insurable on a Standard basis Any ongoing treatment with narcotic pain killers, multiple steroidal injections, history of osteoporosis, fractures, and any pending surgeries: Decline
Neurogenic Bladder or Bowel	Decline
Obstructive Sleep Apnea (OSA)	<ul style="list-style-type: none"> Non-Smoker, compliant with treatment, no rateable build: Long-Term Care rider may be insurable based on life ratings¹ In combination with any co-morbidities such as CAD, diabetes, obesity, PVD, TIA, valvular heart disease, or alcohol abuse: Decline
Optic Neuritis	Unknown cause (i.e., idiopathic, and multiple sclerosis clearly ruled out as the cause), fully recovered, only one episode over two years ago: Long-Term Care rider may be insurable on a Standard basis
Osteoarthritis	<ul style="list-style-type: none"> Mild to moderate disease, active lifestyle, no assistive devices, asymptomatic, no limitations: May be insurable at Standard or better Severe disease, symptomatic, limitations, obesity, ongoing physiotherapy, narcotic use, steroid injections, or pending/recommended surgery: Decline
Osteoporosis and Osteopenia	<ul style="list-style-type: none"> Best cases, Non-Smoker, under treatment, active lifestyle, and favorable risk factors: May be considered for Preferred. Cases with mild risk factors may be limited to Standard. Mild or moderate osteoporosis, not compliant with medication, with fracture history, co-morbid conditions, or other risk factors could be +50 to decline With multiple fractures, T-score >-4.0, Smoker: Decline
Parkinson's Disease	Decline
Peripheral Arterial Disease (PAD, PVD)	<ul style="list-style-type: none"> Mild disease and Non-Smoker, asymptomatic, active lifestyle, fully investigated with normal ABI scores: Long-Term Care rider may be insurable based on life ratings In combination with any co-morbidities such as CAD, diabetes, obesity, TIA, valvular heart disease, or alcohol abuse: Decline, Smoker: Decline
Pneumonia	Proposed life insured over age 70 with more than one episode of pneumonia or any history of aspiration pneumonia within the past three years: May result in a decline
Pulmonary Hypertension	Decline

1. Best rate class available for LTC rider will be Standard.

Underwriting the LTC Rider (continued)

Condition and description	Likely underwriting decision
Rheumatoid Arthritis (including Psoriatic Arthritis)	<ul style="list-style-type: none"> • Mild, stable for over two years, no assistive devices, no limitations to any activities of daily living: Asymptomatic cases may be insurable based on life rating¹ • Treatment with Humira, Enbrel, Arava, or similar medications: A rating will be applied • Severe, multiple joint deformities, currently treated with physiotherapy or occupational therapy, or multiple joint replacements: Decline • Treatment with Remicade, Ridaura, or Kineret: Decline
Supportive Services	<ul style="list-style-type: none"> • Residence in an assisted living facility: Usually decline • Residence in a nursing home: Decline • Receiving adult day care, disability benefits, worker's compensation, home health care, or Medicaid: Decline
Stroke (including lacunar infarct)	Decline
Systemic Lupus Erythematosus	Decline
Transient Ischemic Attack (TIA)	<ul style="list-style-type: none"> • Age 61 and up, Non-Smokers only, single episode more than 24 months ago, asymptomatic with no cognitive or physical residuals: Long-Term Care rider may be insurable based on life ratings • Age 60 and under: Decline • Others or with history of co-morbid conditions such as CAD, PVD, valvular heart disease, diabetes: Decline
Urinary Catheter	<ul style="list-style-type: none"> • Temporary catheter: May be insurable based on all factors of the case • Permanent catheter: Decline
Ulcerative Colitis	<ul style="list-style-type: none"> • Mild to moderate disease with no complications and last flare up more than 12 months ago: Long-Term Care rider may be insurable based on life ratings¹ • Severe disease or any co-morbid history such as hepatitis, cholangitis, amyloidosis: Decline • Treatment with Remicade, Cimzia, Purinethol: Decline
Valvular Heart Disease	<ul style="list-style-type: none"> • Mild to moderate aortic and mitral valve disease, age 50 and older: May be insurable based on life rating • Severe disease, valve replacement or co-morbid conditions such as CAD, PVD or TIA: Decline

1. Best rate class available for LTC rider will be Standard.

Non-Medical Risks

Aviation

General Guidelines

- Retention and reinsurance are reduced for aviation without an exclusion rider
- Minimum issue age: 21
- Maximum issue age: 74 (age 70 for student pilots)
- Aviation exclusion will apply when maximum mortality or age is exceeded on Individual policies
- Maximum rating considered insurable with aviation: 200%
- Aviation exclusion does not apply on Survivorship policies (if the aviator exceeds the maximum age or rating, he/she can only be issued as uninsurable)
 - If aviator is uninsurable, verification is required that the spouse does not fly as a passenger with the aviator
- Aviation exclusion cannot be applied if aviation is the means of the insured's livelihood
- Aviation must occur in North America (excluding Alaska) and locations must have tower support (i.e., non-remote areas)
- Significant medical, accident, or drug/alcohol history, and/or motor vehicle violations may affect the availability of coverage

Activity	Factors affecting the decision	For smoother processing	Likely underwriting decision
Aviation: Commercial Certified air carriers and commuter airlines that are strictly regulated and have very good experience. Pilots who have a commercial license and fly smaller aircraft for a variety of purposes.	<ul style="list-style-type: none"> • Current age • Commercial carrier • Where they fly • Type of aircraft flown • Type of flying 	Requirement: Aviation Questionnaire Information to include: <ul style="list-style-type: none"> • Overall experience • Hours/year • Flight ratings • Aircraft • Details of specialized flying 	Pilot or crew of certified air carrier may qualify for Preferred or better on a case by case basis Other types of aircraft or flying require ratings ranging from \$2.50–\$10/1000, e.g.: <ul style="list-style-type: none"> • Crop dusting, bush pilots, air ambulance: \$5/1000 • Power line inspection, traffic control, sightseeing: \$3.50/1000
Aviation: Military Military pilots are exposed to different risks than civilian pilots. In addition to the risk of combat, they generally fly more hours than private pilots to maintain proficiency, and this flying can simulate combat conditions.	<ul style="list-style-type: none"> • Current age • Which branch service (Air Force, Navy, Marine, Coast Guard) • Shore or carrier based • Instructor • Type of aircraft • Type of flying 	Requirement: Aviation Questionnaire Information to include: <ul style="list-style-type: none"> • Overall experience • Hours/year • Flight ratings • Aircraft • Details of specialized flying 	Most military aviation ratings range from \$2.50–\$10/1000 Higher extras used for younger ages and carrier based Aircrew rated the same as pilot Aviation exclusion generally only offered to those in ROTC and service academies who have aviation duties If posted to war zone, we would decline coverage

Aviation (continued)

Activity	Factors affecting the decision	For smoother processing	Likely underwriting decision
<p>Aviation: Private Private pilots are those who are licensed as private pilots (whether they have IFR or not), and fly for recreational and business reasons. Business flying in this category refers to non-professional pilots who are flying for business purposes (but not flying for pay).</p>	<ul style="list-style-type: none"> • Current age • Pilot experience including ratings • Medical history • Lifestyle • Where they fly • Type of aircraft flown • Type of flying 	<p>Requirement: Aviation Questionnaire Information to include:</p> <ul style="list-style-type: none"> • Overall experience • Hours/year • Flight ratings • Aircraft • Details of specialized flying 	<p>Risk is based on annual hours flown, age, and instrument ratings</p> <p>With IFR or ATP certification (up to age 70, with at least 300 total hours' experience) –</p> <ul style="list-style-type: none"> • Flying 25–200 hours/year: Preferred • Flying 200–300 hours/year: Standard Plus • Flying >300 hours/year: \$2.50/1000 <p>Without IFR or ATP certification –</p> <ul style="list-style-type: none"> • Flying <200 hours/year: Possible Standard Plus • Flying >200 hours/year: \$3.50/1000 <p>Other flying conditions may impact final rate</p>
<p>Aviation: Student</p>	<ul style="list-style-type: none"> • Current age • Medical history • Lifestyle • Where they fly • Type of aircraft flown • Type of flying • Pilot experience including any ratings 	<p>Requirement: Aviation Questionnaire Information to include:</p> <ul style="list-style-type: none"> • Overall experience • Hours/year • Flight ratings • Aircraft • Details of specialized flying 	<p>Student pilots or pilots with less than 100 total hours in command: \$3.00/1000 with Preferred underlying base rate if they otherwise qualify</p> <p>Exclusion would apply for student pilots over age 70</p>
<p>Aviation: Sport This covers a number of types of recreational flight activities, which include the use of non-conventional aircraft, competition, or performances.</p>	<ul style="list-style-type: none"> • Current age • Pilot experience including ratings • Amateur or professional • Medical history • Lifestyle • Where they fly • Type of aircraft flown • Type of flying 	<p>Requirement: Aviation Questionnaire Information to include:</p> <ul style="list-style-type: none"> • Overall experience • Hours/year • Flight ratings • Aircraft • Details of specialized flying 	<p>Risk is based on the base aviation risk, where applicable, as well as the type of special risk</p> <p>Ratings range from \$2.50/1000 to decline</p> <p>Examples: Ballooning may be Standard Plus Hang gliding may be \$5/1000 Paragliding may be \$2.50/1000</p>

Avocations

Activity	Factors affecting the decision	For smoother processing	Likely underwriting decision
Mountain Climbing (including cliffs, ice and/or snow, rock, and trail/trekking)	<ul style="list-style-type: none"> • Type of climbing • Frequency of climbs • Difficulty grading and maximum altitude (climbed in past and/or future plans) • Location of climbs • Training and experience of climber and support team • Any solo climbing • Any ice climbing • Details of any accidents requiring hospital treatment • Fitness level and existing medical conditions • Alcohol or driving criticism 	Requirement: Avocation Questionnaire, Foreign Travel Questionnaire (if applicable) Information to include: <ul style="list-style-type: none"> • Overall experience • Frequency • Type of terrain • Difficulty of climbs 	If no significant health conditions or non-medical risks (i.e., other avocations, drug/alcohol abuse, and/or driving violations): <ul style="list-style-type: none"> • Trekking, bouldering, rappelling, artificial climbing walls – possible Preferred • Under 10,000 feet, lower difficulty levels – Standard Plus to Preferred • Over 10,000 feet, higher difficulty levels or ice climbing – \$2.50–\$7.50/1000 Frequent climbs or search and rescue may increase rating or be declined Solo climbing, climbing in the Himalayas (including Everest) and Mt. McKinley/Denali, and climbs over 23,000 feet, are uninsurable
SCUBA (Self Contained Underwater Breathing Apparatus) Diving	<ul style="list-style-type: none"> • Current age • Experience including certification • Depths and frequency of dives • Medical history • Lifestyle • Dive location (e.g., lake, open ocean, beaches) • Dive sites (e.g., wreck, salvage) • Diving activities (e.g., search and rescue, caves, ice) • Commercial diving 	Requirement: Avocation Questionnaire, Foreign Travel Questionnaire (if applicable) Information to include: <ul style="list-style-type: none"> • Type of diving (location, site, activities) • Experience • Frequency • Depth 	Most average, recreational divers are Standard or better risks Rating \$2.50/1000 to decline: Depending on the combination of depth (>120 feet), experience and technical diving SCUBA history combined with medical ratings >200% due to CAD, cerebrovascular disease, obesity, respiratory disease, and psychiatric illness are usually declined

Driving

Activity	Factors affecting the decision	For smoother processing	Likely underwriting decision
Driving Motor vehicle accidents are the primary cause of death at younger ages, and the sixth leading cause of deaths overall. Contributing factors to fatal accidents include alcohol and excessive speed. At older ages (>65), it can be a flag for underlying cognitive degeneration.	<ul style="list-style-type: none"> • Current age • Types of infractions • Frequency of infractions • DWI (multiple) • Other suspensions and number of suspensions • Accident (at fault) • Risk-taking avocations 	Requirement: MVR Information to include: <ul style="list-style-type: none"> • Number and types of violations • Date of last violation • Date of last suspension, length of, and reason for suspension 	DWI cannot be considered until the license has been reinstated Best Case: Standard or Standard Plus if few, minor infractions Typical Case: \$2.50–\$5/1000 x 3 years Worst Case: Decline (multiple DWIs)
Motor Vehicle Racing	<ul style="list-style-type: none"> • Current age • Type of vehicle/size of engine • Type of fuel • Frequency • Speeds attained (average, highest) • Type of course • Location (outside U.S. or Canada) • Concurrent avocations 	Requirements: Avocation Questionnaire Foreign Travel Questionnaire (if applicable) Information to include: <ul style="list-style-type: none"> • Type of racing and frequency • Speeds attained 	Typical Case: \$5/1000 Worst Case: \$10–\$15/1000 to decline

Professional Athletes

	Professional Athletes on Sports Teams (includes Coaches and General Managers)	Professional Athletes not on Sports Teams
Automatic Binding Limit¹	\$25,000,000 ²	\$65,000,000
Jumbo Limit	\$65,000,000	\$65,000,000
Retention¹	\$10,000,000 (per player) ²	\$30,000,000
Team Cap	\$55,000,000	N/A

General Guidelines

- Professional athletes on sports teams (including coaches and general managers) are eligible for permanent products only. Athletes such as professional golfers and tennis players may be eligible for Term products
- Maximum issue age: 80
- Maximum exposure per sports team is \$55 million; once the team cap is reached, additional players, coaches and general managers cannot be considered
- Key Person coverage is subject to documented confirmation of a contract with five remaining years

1. Retention and reinsurance grade down at higher ages and ratings.

2. Assumes no inforce coverage, and within team cap.

Underwriting Guidelines for Foreign Travel

These guidelines apply to U.S. residents including residents of Puerto Rico, Guam and the U.S. Virgin Islands traveling for less than six months per year. Travel for six months (183 days) per year or longer is considered Foreign Residency.

- All products are available
- Applications should not be submitted with any travel planned outside of North America within the next 30 days, until the applicant's return
- Coverage may not be available to individuals traveling to any country where a U.S. State Department travel warning, advisory, or alert has been issued. Military deployment to a war zone will not be considered
- Occupations such as foreign correspondent, diplomat, missionary, security personnel, and foreign aid worker will not be considered
- Underwriter will factor in all travel alerts posted by U.S. Department of State

Condition and description	Factors affecting the decision	For smoother processing	Likely underwriting decision
Foreign Travel	<ul style="list-style-type: none"> • Which countries and destinations in each country • Frequency and duration of visit (total number of days/year in each country) • Purpose of travel • Age of applicant • Health of applicant • U.S. citizen or permanent resident 	<p>Requirement: Foreign Travel Questionnaire Information to include: Travel questionnaire outlining destination(s), frequency and duration of visits must be submitted with the initial documents</p>	<p>Best Case: Super Preferred available for travel to A and B countries for up to three months, and to most E countries¹ for travel up to two weeks</p> <p>Standard: Available for travel to C countries for more than three months up to six months</p> <p>Decline: Any travel to Afghanistan or Iraq Travel to other E countries¹ for up to four weeks – individual consideration will apply</p>

1. Travel to E countries will be considered only for major cities.

Underwriting Guidelines for Non-U.S. Residents

The global high-net-worth market is offering more opportunity than ever! In 2017, its population increased by one million and total assets grew by 10% to reach \$70 trillion.¹

John Hancock is a leader in offering life insurance to high-net-worth (\$5MM+) foreign nationals with strong US connections. To establish a US connection, clients must demonstrate to John Hancock's satisfaction one or more of the US Nexus criteria, along with each of the other factors listed below. Underwriting reserves the right to request evidence supporting qualification of foreign national candidates.

1. U.S. Nexus	<p>The client must present U.S. interests that would be protected by the purchase of the insurance. The extent of the client's U.S interests must be substantial relative to the amount of insurance applied for. Evidence of insurance need may include the following:</p> <ul style="list-style-type: none"> • U.S. real estate ownership • U.S business interests/employment • Presence of immediate family members in the US • Seasoned U.S. investment holdings (where a separate US financial presence exists — see section 3 below)
2. Physical U.S. presence	<p>The client must demonstrate a regular and recurring physical presence within the US, related to the US insurance need. The length and purpose of the client's U.S. stays will be taken into consideration. Presence in the U.S. of under 15 days per year on a recurring basis will not be considered.</p>
3. Financial U.S. presence	<p>The client must demonstrate a substantial US financial presence. The extent and nature of the client's U.S. assets will be taken into consideration. The client must have a minimum of \$200k or 25% of the coverage amount applied for in US assets that are directly titled to the client or to a US entity connected to the client.</p>
4. U.S. source of funds/policy ownership	<p>Premiums must be paid from a U.S. account directly connected and titled to the client. Designating foreign entities (e.g., trusts, holding companies) or individuals other than immediate family members as owner or beneficiary of the contract will not be considered. All designations are subject to underwriting review.</p>

Solicitation requirements

- **Solicitation must take place in the US, including completion of:**
 - Application
 - Illustration
 - Exams²
 - Labs
 - Policy delivery
- **John Hancock does not accept a Power of Attorney for policy delivery**

1. World Wealth Report, 2018, Capgemini and RBC Wealth Management; Capgemini, RBC Wealth Management, and Scorpio Partnership Global HNW Insights Survey 2018.

2. Exams performed in Hong Kong may be considered with pre-approval from your Underwriter.

Underwriting Guidelines for Non-U.S. Residents (continued)

Foreign National Parameters

Before submitting an application, please check to ensure your case falls within the following parameters. Additional guidelines and tips are included on pages 49-50.

Minimum Issue Age	20
Maximum Issue Age	75 ^{1,3}
Minimum Net Worth²	\$5 million U.S. or equivalent
Minimum Face Amount	\$1 million
Best Class Available^{3,4,5}	A and B: Super Preferred; C: Preferred
Maximum Mortality Rating	200%
Maximum Capacity⁶	\$40 million for A and B countries ¹ \$24 million for C countries ¹ \$25 million for Canada
Jumbo Limit⁷	\$65 million for A and B countries, and \$45 million for C countries ⁸
Ownership Structure	<ul style="list-style-type: none"> • The owner must have a U.S. Tax ID or SSN, or must complete W-8BEN • Two-party ownership (i.e., personal ownership) is allowed • Offshore trusts or entities are not allowed
Solicitation	All solicitation must take place in the U.S, regardless of the country of residence. Solicitation is defined as the entire new business process, e.g., illustration, application, and completion of underwriting requirements, including examinations and policy delivery. Please note that the applicable law and state version of an application should be the state where there is an independent connection with the policy owner and where the owner signs the application. For example, if the foreign national has a home in Florida and was solicited and will be signing the application in Florida, a Florida state version of the John Hancock application should be submitted.
Products	All John Hancock permanent fully underwritten products are available. The same capacity is used for both individual and survivorship coverage. ⁹ For foreign nationals who are not U.S. citizens, Term coverage is available only for key person U.S. business purposes.

1. Applicable country code and maximum capacity is based on where the proposed insured resides for more than six months per year.

2. Individual consideration for lower net-worth amounts.

3. Best Class will be reduced for U.S. citizens living abroad who do not have a net worth equivalent to \$5 million U.S. dollars or more. Automatic capacity for C countries is limited to issue age 70.

4. Eligibility for HealthyEdge credits may be considered for Country A risks.

5. Non-HNW applicants of C countries must reside in an approved major city and require a flat extra rating. Please consult with your underwriter.

6. Capacity may vary in the following scenarios:

– For ages 71-75 (where applicable)

– For residents of Singapore, China, Hong Kong, and Macau

– For Term products

– For M-proprietary products

– Further details on capacity and country codes can be found in the Field Underwriting Guide on John Hancock's producer website

7. The Jumbo Limit is the sum of all inforce coverage plus pending formal applications with all companies including John Hancock. Existing insurance that is being replaced will be deducted, providing we receive a fully executed absolute assignment replacement form transferring ownership to John Hancock.

8. For M-proprietary products, please confirm Capacity and Jumbo Limit with your John Hancock M-dedicated underwriter.

9. Please note that for survivorship coverage, both lives must meet issue age and maximum mortality rating requirements.

Underwriting Guidelines for Non-U.S. Residents (continued)

<p>Scenarios where coverage is not available</p>	<p>Please note the following scenarios where John Hancock does not offer coverage to foreign nationals:</p> <ul style="list-style-type: none"> • Term products: Foreign nationals are not eligible for Term coverage except when a U.S. business is insuring them for key-person or business purposes. (Foreign residents who are U.S. citizens may qualify for Term insurance to be used for any purpose.) • Certain occupations: Clients in certain occupations, and in some cases their family members, are uninsurable – for example, politically exposed persons (PEPs) or their family members, government or military personnel, missionaries, journalists, diplomats, members of the judiciary, security personnel, and trade union officials. • Aviation: Individual policies may be offered to private pilots only, with an aviation exclusion; survivorship policies not available with aviation risk. • Riders: Your foreign national clients may not include underwritten riders in their life insurance coverage, e.g., Waiver of Monthly Deductions, Disability Payment of Specified Premium, Return of Premium, Increasing Supplemental Face Amount and Long-Term Care. In addition, currently the John Hancock Vitality Program (Healthy Engagement Rider) and John Hancock Term with Vitality are not available to foreign national clients. • Travel advisories: Coverage may not be available in any country with a travel warning or alert in effect.
<p>Underwriting requirements</p>	<p>Avoid delays in the underwriting process. The following checklist details what to include in an “in good order” submission.</p>
<p>Financial underwriting requirements</p>	<p>Financial underwriting is a critical part of the underwriting process that examines the economic feasibility of the case at hand, and allows the underwriters to consider the insurable interest at the time of the application. Please submit the following requirements:</p> <ul style="list-style-type: none"> ✓ Foreign Resident Inquiry form — required as initial review ✓ A broker’s cover letter of introduction, to include detailed travel information. (See “Tips to Packaging Your Case” on page 50) ✓ A completed Financial Supplement for Personal Insurance OR Financial Supplement for Business Insurance ✓ Proof of identity (e.g., copy of passport or visa) ✓ Letter of reference from financial institution with all account values and duration of relationship. If not provided, detailed account statements must be submitted to support the declarations on the Financial Supplement for Personal Insurance or Financial Supplement for Business Insurance

Underwriting reserves the right to request additional supporting documents.

Underwriting Guidelines for Non-U.S. Residents (continued)

<p>Additional considerations</p>	<p>In addition to these requirements, the underwriter also takes into account insurable interest/insurable loss, and the net worth and assets required to justify the requested coverage.</p> <ul style="list-style-type: none"> <p>• Insurable interest/insurable loss</p> <p>The first consideration in financial underwriting is to establish that an insurable interest exists. The concept of insurable interest is fundamental to ensuring that the insurance applied for makes economic sense. We consider insurable interest as existing when the owner (if other than the insured) and the designated beneficiary have a financial interest in the continued life of the insured and are able to demonstrate a measurable financial loss should the insured die prematurely. The loss should equal or exceed the requested insurance amount. The underwriter will examine the amount of potential loss suffered by an owner/beneficiary in the context of the requested death benefit, purpose of coverage and financial profile (including the ability to pay ongoing premiums). It is the risk of loss that helps the underwriter quantify the amount of insurable interest and ultimately justify the requested death benefit.</p> <p>• Justifying the coverage</p> <p>John Hancock underwriters also consider a client’s global net worth when determining capacity and justification for the coverage requested.</p> <p>Example</p> <table border="1"> <tr> <td data-bbox="430 1018 690 1050">Application</td> <td data-bbox="706 1018 1443 1228"> <ul style="list-style-type: none"> • 55-year-old male, citizen of the U.K. • Applying for \$10 million (typically would require net worth of \$7-8 million to qualify); no coverage inforce with John Hancock • Net worth — \$12 million (\$3 million U.S.; \$9 million foreign) • \$3 million U.S. brokerage account, and • Three week-long trips per year to Miami for business • \$10 million applied for </td> </tr> <tr> <td data-bbox="430 1239 690 1302">Financial Presence and Nexus guideline</td> <td data-bbox="706 1239 1443 1302"> <ul style="list-style-type: none"> • The lesser of \$700K or 25% of requested death benefit in US assets • Business trips to Miami </td> </tr> <tr> <td data-bbox="430 1312 690 1344">Conclusion</td> <td data-bbox="706 1312 1443 1344">The client is eligible for the \$10M he applied for</td> </tr> </table>	Application	<ul style="list-style-type: none"> • 55-year-old male, citizen of the U.K. • Applying for \$10 million (typically would require net worth of \$7-8 million to qualify); no coverage inforce with John Hancock • Net worth — \$12 million (\$3 million U.S.; \$9 million foreign) • \$3 million U.S. brokerage account, and • Three week-long trips per year to Miami for business • \$10 million applied for 	Financial Presence and Nexus guideline	<ul style="list-style-type: none"> • The lesser of \$700K or 25% of requested death benefit in US assets • Business trips to Miami 	Conclusion	The client is eligible for the \$10M he applied for
Application	<ul style="list-style-type: none"> • 55-year-old male, citizen of the U.K. • Applying for \$10 million (typically would require net worth of \$7-8 million to qualify); no coverage inforce with John Hancock • Net worth — \$12 million (\$3 million U.S.; \$9 million foreign) • \$3 million U.S. brokerage account, and • Three week-long trips per year to Miami for business • \$10 million applied for 						
Financial Presence and Nexus guideline	<ul style="list-style-type: none"> • The lesser of \$700K or 25% of requested death benefit in US assets • Business trips to Miami 						
Conclusion	The client is eligible for the \$10M he applied for						
<p>Medical underwriting requirements</p>	<ul style="list-style-type: none"> ✓ John Hancock’s routine underwriting requirements ✓ Medical records (five-year history) from all the appropriate physicians and medical facilities ✓ APS must be provided in English. John Hancock does not cover translation fees and the translator should be at arm’s length to the sale ✓ In some instances, consideration for exams completed in Hong Kong or the United Kingdom may be available. Please contact your underwriting team lead for case-specific approval. <p>Please note that ExamOne is the approved vendor for this market: InternationalServices@questdiagnostics.com.</p>						

Underwriting Guidelines for Non-U.S. Residents (continued)

Tips to packaging your case

Take advantage of the following tips to help streamline the application process.

Identify your client:

- Determine if your client meets the guidelines and requirements outlined on page 45
- Check that your case falls within the parameters and scenarios on pages 45-47

Submit an informal application:

- Include the **Foreign Resident Inquiry** form
- Include a broker's cover letter of introduction with the following information:
 - Details of residences and travel outside country of residence
 - Source of your referral to the proposed insured
 - Proposed insured's background information and mention of any other publicly available information
 - Source of insurance premium: at John Hancock we require premium to be paid from a pre-existing U.S. bank account and billing address. It is important to note the account history and how long it has been in place
 - Time spent in the U.S.

Risk class available by country code

Risk Classes ¹	Country Code Classification		
	A ²	B	C ³
Non-Smoker			
Super Preferred	✓	✓	
Preferred	✓	✓	✓
Standard Plus ⁴	✓	✓	✓
Standard	✓	✓	✓
Preferred Smoker	✓	✓	✓
Standard Smoker	✓	✓	✓

1. Best Class will be reduced for U.S. citizens living abroad who do not have the net worth equivalent to \$5 million U.S. or more.
2. Eligibility for HealthyEdge credits may be considered for Country A risks.
3. Non-HNW applicants of C countries must reside in an approved major city and require a flat extra rating. Please consult with your underwriter.
4. Standard Plus is available depending on product selection.

Permanent coverage capacity: High net worth individuals

The following is a summary of available amounts for Non-U.S. residents applying for Permanent coverage, providing there is no additional coverage in force with John Hancock:

Country	Code	Best class	Capacity*	Retention	Jumbo
Dubai/UAE	A	Super Preferred	\$40,000,000	\$20,000,000	\$65,000,000
Panama	B	Super Preferred	\$40,000,000	\$20,000,000	\$65,000,000
Dominican Republic	B	Super Preferred	\$40,000,000	\$20,000,000	\$65,000,000
Canada	A	Super Preferred	\$25,000,000	\$10,000,000	\$65,000,000
China	A	Super Preferred	\$40,000,000	\$17,000,000	\$65,000,000

*Capacity subject to change. Capacity grades over age 70

Country Classifications for Foreign Travel and Non-U.S. Residents^{1,2}

COUNTRIES

A	Andorra	Cyprus	Israel – excluding West Bank and Gaza	Monaco	Slovenia
	Anguilla	Czech Republic		Netherlands	Spain
	Australia	Denmark	Italy	New Zealand	Sweden
	Austria	Estonia	Japan	Norway	Switzerland
	Belgium	Finland	Korea	Poland	Taiwan
	Bermuda	France	Latvia	Portugal	Turks and Caicos
	British Virgin Islands	Germany	Liechtenstein	Qatar	United Arab Emirates
	Brunei Darussalam	Greece	Lithuania	San Marino	
	Canada	Hong Kong	Luxembourg	Saudi Arabia	United Kingdom
	Canary Islands	Hungary	Macau	Singapore ⁴	United States
	Cayman Islands	Iceland	Malta	Slovak Republic (Slovakia)	
	China	Ireland	Martinique		
	B	Antigua & Barbuda	Croatia	Macedonia	Panama
Argentina		Curacao	Malaysia	Romania	St. Vincent & The Grenadines
Armenia		Dominica	Maldives	Russian Federation	
Aruba		Dominican Republic	Mauritius	Saint Vincent and the Grenadines	Suriname
Bahamas		Ecuador	Mexico		Thailand
Barbados		French Polynesia	Montenegro	Serbia	The former Yugoslav Republic of Macedonia
Belarus		Grenada	Namibia	Seychelles	
Bosnia and Herzegovina		Guadeloupe	Netherlands Antilles	Saint Marteen	
Botswana		Indonesia	New Caledonia	South Africa	
Brazil		Jamaica	Northern Mariana Islands	St. Kitts and Nevis	Trinidad & Tobago
Bulgaria		Kazakhstan	Oman	St. Lucia	Uruguay
Chile		Kuwait	Palau		
Costa Rica					
C³	Albania	Cook Islands	Guatemala	Montserrat	Samoa
	Belize	Egypt	India	Morocco	Sri Lanka
	Bhutan	El Salvador	Jordan	Myanmar	Tonga
	Bolivia	Fiji	Kenya	Paraguay	Turkey
	Cambodia	French Guyana	Micronesia	Peru	Vietnam
	Cape Verde Islands	Gabon	Moldova	Philippines	Zambia
	Colombia	Ghana	Mongolia		
E	Afghanistan	Djibouti	Kiribati	Niger	Tanzania
	Algeria	Egypt	Korea (Democratic People's Rep. of)	Nigeria	Tibet
	Angola	Equatorial Guinea	Kyrgyzstan	Niue	Timor-Leste
	Azerbaijan	Eritrea	Laos	Occupied Palestinian Territories	Togo
	Bahrain	Ethiopia	Lebanon	Pakistan	Tunisia
	Bangladesh	Gambia	Lesotho	Papua New Guinea	Turkmenistan
	Benin	Georgia	Liberia	Rwanda	Tuvalu
	Burkina Faso	Guinea	Lybia	Sao Tomé & Principe	Uganda
	Burundi	Guinea Bissau	Madagascar	Senegal	Ukraine
	Cameroon	Guyana	Malawi	Sierra Leone	Uzbekistan
	Central African Republic	Haiti	Mali	Solomon Islands	Vanuatu
	Chad	Honduras	Marshall Islands	Somalia	Venezuela
	Comoros	Iran	Mauritania	Sudan	Western Sahara
	Congo	Iraq	Mozambique	Swaziland	Yemen
	Congo, Dem People's Rep (formerly Zaire)		Nauru	Syria	Zimbabwe
	Côte d'Ivoire (Ivory Coast)		Nepal	Tajikistan	
			Nicaragua		

1. Country classifications and rates are subject to change at any time. For confirmation, please contact a John Hancock Underwriter or check via our interactive Field Underwriting Guide on John Hancock's producer website.

2. High-risk areas within some countries may be uninsurable. Contact your underwriter for details.

3. For foreign residents, a residency extra of \$1 applies for non-HNW countries.

4. Coverage is not available for residents of Singapore.

Note: We are not able to offer coverage to residents of Japan and Switzerland, due to Japanese Government rules and regulations.



Routine Underwriting Requirements

Medical requirements for ages 16–90 (Based on the proposed insured's age as of nearest birthday)

Face amount								Initial review	To finalize
	16-40	41-50	51-55	56-65	66-70	71-74 ²	75-79 ²	80-90 ^{2,3}	
Up to \$500,000	Para ¹ , BCP, Micro	Para ¹ , BCP, Micro	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, MAS, Micro, EKG	Para, BCP, MAS, Micro, EKG	APS	Para, BCP, MAS, Micro, EKG
\$500,001 – \$1,000,000	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, MAS, Micro, EKG	Para, BCP, MAS, Micro, EKG	APS	Para, BCP, MAS, Micro, EKG
\$1,000,001 – \$3,000,000	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, MAS, Micro, EKG	Para, BCP, MAS, Micro, EKG	APS	Para, BCP, MAS, Micro, EKG
\$3,000,001 – \$5,000,000	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, MAS, Micro, EKG	Para, BCP, MAS, Micro, EKG	APS	Para, BCP, MAS, Micro, EKG
\$5,000,001 – \$10,000,000	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, Micro	Para, BCP, Micro, TST (Smoker)	Para, BCP, Micro, TST (Smoker)	Para, BCP, MAS, Micro, EKG (NS), TST (Smoker)	Para, BCP, MAS, Micro, EKG	APS	Para, BCP, MAS, Micro, EKG
\$10,000,001 and up	Para, BCP, Micro	Para, BCP, Micro, EKG	Para, BCP, Micro, EKG	Para, BCP, Micro, EKG (NS), TST (Smoker)	Para, BCP, Micro, EKG (NS), TST (Smoker)	Para, BCP, MAS, Micro, EKG (NS), TST (Smoker)	Para, BCP, MAS, Micro, EKG	APS	Para, BCP, MAS, Micro, EKG

Legend: BCP–Blood Chemistry Profile; EKG–Electrocardiogram; Exam–MD Examination; MAS–Mature Age Supplement; Micro–Urinalysis; Para–Paramedical; TST–Treadmill Stress Test; NS–Non-Smoker

Age and amount requirements for juveniles ages 0–15

Face amount	0–10	11–15
Up to \$1,000,000	Health Questionnaire plus APS ⁴	Health Questionnaire plus APS ⁵
\$1,000,001 and over	Health Questionnaire plus APS ^{4,6}	Health Questionnaire plus APS ^{5,6}

1. Health Questionnaire and physical measurements may be substituted for a paramedical. If a paramedical exam is not done for John Hancock, a Health Questionnaire is required.

2. For clients age 71 and older, we also require a completed John Hancock Mature Age Supplement; if another company's paramedical form is submitted, we will require an equivalent mature age evaluation. The John Hancock underwriter will determine if any additional requirements are needed.

3. Whether formal or informal business, do not order paramedical, blood or EKG until Underwriting has assessed APS and advised of initial offer.

4. For consideration, APS required and it must be from primary physician who was consulted within past 12 months.

5. For consideration, APS required and it must be from primary physician who was consulted within past 18 months.

6. Exam, BCP, EKG and Micro may be requested at the discretion of the underwriter.

7. A telephone interview may be requested for any age and amount at the underwriter's discretion.

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Non-medical requirements

(Based on the proposed insured's age as of nearest birthday and the total face amount of product applied for, both individual and survivorship policies)

Financial Supplement*

Personal		Business	
Age	Face amount	Age	Face amount
Up to 65	\$7,500,001 and up	All ages	All amounts
66–79	\$5,000,000 and up		
80–90	\$1,000,000 and up		
Telephone Interview ⁷		Motor Vehicle Report (MVR)	
Age	Face amount	Age	Face amount
80–90	\$1,000,000 and up	16 and up	Required at all amounts for licensed proposed insureds

*Supporting documentation of assets may be required.

Important notes about ordering your requirements

- **All APSs must be provided in English.** John Hancock does not cover translation fees and the translator should be at arm's length to the sale.
- We will accept another company's paramedical form. However, a John Hancock Health Questionnaire must also be included if another company's paramedical form is submitted.
- **Please note the following:**
 - If a survivorship policy is applied for: **routine medical underwriting requirements** for each proposed insured are based on half the amount applied for; **non-medical requirements** are based on the full face amount.
 - If an individual and survivorship policy are applied for: routine medical underwriting requirements are based on the amount applied for under the individual policy plus half the amount applied for under the survivorship policy; non-medical requirements are based on the full face amount, both individual and survivorship policies.
- Requirements are based on the amount applied for and placed with John Hancock within the last 12 months.
- If one life is uninsurable, all requirements for the uninsurable life are based on the full amount applied for under the survivorship case, and only a Health Questionnaire is required on the uninsurable life.
- The underwriter may request or order additional requirements: e.g., database searches, PFTs, echocardiograms, treadmills, heart charts, or cognitive assessments due to the proposed insured's medical history, circumstances of a case, or facultative reinsurance.

Time limitations in months for underwriting evidence requirements

Age	Application	Paramedical	Blood Chemistry Profile (BCP)	Urinalysis (Micro)	Electrocardiogram (EKG)	Treadmill Stress Test (TST) (Smoker)	Motor Vehicle Report (MVR)
0–70	6	12 ¹	12	12	N/A	24 ⁴	12
71–79	6	6 ²	12	12	12	24 ⁴	12
80–90	6	6 ³	6	6	6	N/A	6

1. For ages 0–70, any paramedical must be updated at six months by a Declaration of Insurability; if the paramedical is six months or older at submission, the Health Questionnaire must be submitted with the application.

2. For ages 71–79, any paramedical must be updated at 90 days by a Declaration of Insurability; if the paramedical is 90 days or older at submission, the Health Questionnaire must be submitted with the application.

3. For ages 80–90, any paramedical must be updated at 60 days by a Health Questionnaire; if the paramedical is 60 days or older at submission, the Health Questionnaire must be submitted with the application.

4. Treadmill Stress Test (when applicable) will be extended up to 24 months with a resting EKG done within the past 12 months.

For more information, contact your *John Hancock underwriter at 1-800-505-9427.*

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