Resale Formula Comparison Itemized Formulas

Narrative Description	Symbolic Description	Advantages	Disadvantages
of Itemized Formula	of Itemized Formula	of Itemized Formulas	of Itemized Formulas
Itemized formulas adjust the origi-	Purchase price	1. The equity that an owner receives is	1. Depending on the index of inflation
nal purchase price by adding or		tied directly to a measurement of her per-	that is used, inflation adjustments can
subtracting factors that affect the	+ (Homeowner equity invested	sonal choices and personal investment of	push resale prices beyond the reach of
value of the owner's investment in	or earned to date	time and money.	households whose incomes do not keep
a home and the value of the home	x inflation factor)		up with inflation.
itself. Factors included in an item-		2. An inflation adjustment can prevent	2. These formulas require difficult-to-
ized formula vary widely from one	+ Value of improvements added	the devaluation of the owner's earned	describe and difficult-to-quantify distinc-
CLT to another, but commonly	by homeowner	equity, while not giving unfair advantage	tions between improvements vs. repairs,
included are: an inflation adjust-	-	to a homeowner with a small amount of	useful improvements vs. luxury im-
ment; a credit for the value of later improvements, a deduction for	- Depreciation	equity in a valuable property.	provements, the value of materials vs. the value of labor.
depreciation (if the home is not	 Damage beyond normal wear 	3. A distinction can be made between	3. The CLT's oversight role in reviewing
maintained), and a penalty for un-	and tear	"useful improvements" and "luxury im-	and approving proposed improvements –
usual damage.	and tear	provements," with only the former add-	and in calculating the value of those im-
asaar aamage.	= Resale price	ing to the resale price.	provements can diminish the owner's
	process process	ang to the resure prive.	sense of privacy and can lead to disputes
VARIATIONS:		4. There is an incentive for sound	between the owners and the CLT.
* There is wide variety in the		maintenance and repair – and penalties	4. An accumulation of improvements
method and index used to adjust		for deferred maintenance damage.	over an extended period of time even if
for inflation.			none are considered luxuries can push
		5. Itemized formulas are insulated from	the resale price beyond the financial
* There is wide variety in what is		the market and do not depend upon ap-	reach of future low-income homebuyers.
deemed a "useful" improvement		praisals of market value. They avoid the	5. If depreciation is a factor, separate
and in how the value of		potential difficulty of achieving depend-	depreciation schedules must be adopted
improvements is calculated.		able appraisals and of separating out the	for each major system in a house and
		market value of land from the market	records must be kept of on-going repair.
* Depreciation is sometimes NOT		value of buildings.	6. The valuation of "unusual" wear and
included as a factor subtracting			tear can be elusive (and contentious).
value.		6. Because they do not depend on an	7. Itemized formulas make enormous
* Dublic and mile (1.11)		appraisal of market value at the time of	demands on CLT staff time, requiring
* Public and private subsidies		resale, itemized formulas allow an own-	extensive record-keeping and periodic
sometimes ARE included as a		er's potential equity to be calculated and	calculations of great complexity – lots of
factor subtracting value.		reported from year to year.	moving parts to track, count, and explain.

Resale Formula Comparison Appraisal-based Formulas

Narrative Description of	Symbolic Description of	Advantages	Disadvantages
Appraisal-based Formula	Appraisal-based Formula	of Appraisal-based Formulas	of Appraisal-based Formulas
Appraisal-based formulas adjust	Purchase price	1. Appraisal-based formulas are easy to	1. Appraising real estate is not an exact
the original purchase price of a		explain and easy to understand.	science, particularly when the value of
CLT home by adding a certain	+ [(Appraisal ₂ – Appraisal ₁)		land must be distinguished from the val-
percentage of any increase in the	x %]	2. Because they rely on professional ap-	ue of a building located on that land.
home's market value, as measured		praisals, utilizing standard techniques for	
by market appraisals at the time of	= Resale price	appraising market value, these formulas	2. These formulas do not allow year-to-
purchase ($Appraisal_1$) and at the		do not require CLT staff to make diffi-	year measurement of the owner's equity
time of resale ($Appraisal_2$). The		cult and potentially controversial assess-	(except for equity built up through debt
percentage of this appreciated val-		ments of value. Chances for conflict be-	repayment) unless an owner wants to
ue allocated to the homeowner is		tween homeowners and the CLT are re-	bear the expense of periodic appraisals.
stipulated in the formula (25% is		duced.	
common, although some CLTs			3. In a rapidly appreciating real estate
allocate a higher percentage). Ap-		3. These formulas avoid the difficulties	market, appraisal-based formulas can
praisals are done for the building		involved in distinguishing repairs from	allow resale prices to rise beyond the
alone, not for the combined value		improvements, in assessing the value of	affordability level for future homebuyers
of the land and building.		improvements, and in gauging "wear and	if the percentage of appreciation allocat-
		tear." The difficulty involved in inflation	ed to the present owner is too high.
		adjustments is also avoided.	
<u>VARIATIONS:</u>			4. These formulas do not distinguish
* Some CLTs have added a credit		4. There is no need to intrude on the	between value added by the owner and
for later improvements.		owner's privacy and sense of ownership	value added by market (a factor that is
		to approve and evaluate improvements.	beyond the owner's control).
* Some CLT's have used a % that			
increases over time, so that the		5. These formulas discourage the accu-	5. In a stable real estate market, owners
longer a homeowner stays, the		mulation of expensive improvements	who have made substantial improve-
more appreciation s/he gets		over time that can push the resale price	ments will recapture only a portion of
when s/he leaves.		beyond the reach of future low-income	what they have invested. There is, there-
		homebuyers.	fore, a disincentive for making improve-
* Some CLTs appraise the value			ments and, perhaps, for replacements.
of <i>both</i> the land and building,		6. Detailed record-keeping and fussy	
use a ratio to determine how		arithmetic are not required, relieving	6. Market appraisals in an appreciating
much of the property's value is		CLT staff of burdensome tasks and	market may not take adequate account of
owned by the homeowner, and		avoiding the disputes that can result from	poor repair. These formulas may fail to
the apply a % to appreciation.		inadequate or incomplete records.	encourage good maintenance.

Resale Formula Comparison Indexed Formulas

Formula of Indexed Formulas 1. If the index is pegged to the income	of Indexed Formulas
	f 1 Ething him and an also sain a the
people for whom the CLT is trying to	"right" index. Even median income can
	prove to be the "wrong" index, since
	low-income people often do not benefit
	from economic trends that increase me-
target population in the future.	dian income for an SMSA or a county.
	2. An index that is accurate in tracking
	the income of low-income people may
	still fail to keep housing affordable, be-
moting mobility for low-income people.	cause other factors – most notably, in-
	creases in mortgage interest rates – affect
	the home's affordability.
	2 There Communication at distinction
	3. These formulas do not distinguish
	between appreciating value produced by
nating the need for lengthy negotiations	the owner and value produced by other factors. Some owners may not receive a
4. Depending on the index used the in	reasonable return on their investment,
	preciation they did little to produce.
	preciation they did fittle to produce.
by nonicowners and start affice.	4. These formulas may provide scant
5 These formulas are relatively simple	incentive for repairs and improvements.
	A change in the index gives owners an
	automatic increase in price, even for a
, ,	poorly maintained, unimproved home.
	poorty mantamed, unimproved nome.
standings and disputes are infillinized.	5. These formulas allow shorter-term
6 Administration by CLT staff is sim-	owners with little equity and a large
	ciated value as longer-term owners who
	have paid down their mortgages. This
	may encourage shorter occupancy.
e	keep housing affordable, these formulas do a good job ensuring that the resale price will, indeed, be affordable for this target population in the future. 2. Depending on the index used, these formulas can give a sizable return to homeowners who sell their homes, promoting mobility for low-income people. 3. A formula that uses median income as its index fits easily and understandably into the guidelines of most federal and state housing subsidy programs, eliminating the need for lengthy negotiations. 4. Depending on the index used, the information needed to calculate resale prices is readily available — and verifiable — by homeowners and staff alike. 5. These formulas are relatively simple and comprehensible and do not require judgments by CLT staff or professional appraisers. Occasions for misunderstandings and disputes are minimized. 6. Administration by CLT staff is simple, easy, and inexpensive, requiring neither the record-keeping of itemized formulas nor the market appraisals of appraisal-based formulas.

Resale Formula Comparison Mortgage-based Formulas

Narrative Description	Symbolic Description	Advantages	Disadvantages
of Mortgage-based	of Mortgage-based	of Mortgage-based Formulas	of Mortgage-based Formulas
Formula	Formula		
Formula Mortgage-based formulas adjust the resale price based on the amount of mortgage financing a purchaser of a given income level will be able to afford at the thencurrent interest rate. Factors that must be specified in designing a mortgage-based formula must include: - the income level for which the home must be affordable - what is to be included in monthly housing costs - the front end ratio allocation for monthly housing costs - the percentage of the resale price that is to be covered by mortgage financing - the type of mortgage (term, fixed-rate, etc.) for	8 8	1. The mortgage-based formula is the only formula that can <i>guarantee</i> a given level of affordability at resale to a household at a given income level – regardless of what happens to interest rates, property tax levels, increases in market values and the like. 2. The basic principle – to make sure each successive buyer has monthly housing costs at the same level of affordability – is easy to grasp for homebuyers, mortgage lenders, and others directly involved in the buying and selling of homes.	1. These formulas base the resale price entirely on what works for the <i>buyer</i> ; therefore, these formulas are less likely than the others to give the <i>seller</i> a fair return – and may give a return that is dramatically unfair. 2. As these formulas are based on factors over which the seller has no control, the process for selling tends to become distorted. If interest rates are high, sellers would be penalized – prompting them to delay selling or tempting them to violate occupancy requirements. 3. Mortgage lenders would have reason to object to a formula that could result in a resale price lower than the amount owed on the mortgage. 4. Government funding agencies with regulations requiring that resale restrictions allow seller a "fair return" may likely not approve. 5. It can be difficult to establish a clear index or "benchmark" to determine the
which monthly payments are to be calculated at the "current interest rate the index or benchmark that will be used to determine the exact "current interest rate" for the type of mortgage in question for the time in question.	at "current interest rate", as defined		"current interest rate". 6. As the resale price has no real basis in value, there is little motivation for owner to make improvements to the home. 7. Homeowners are likely to be unfamiliar with how to calculate resale price – potentially creating trust and eroding homeowners' sense of controlling their own homes.