



Default Layout

Table dim_3pd_ccgis		
Unq	par_addrs_id	bigint
	lon	double precision
	lat	double precision
	municipality	varchar(50)
	municipalityfips	varchar(50)
	politicaltownship	varchar(50)
	commissionerdistrict	varchar(50)
	congressionaldistrict	varchar(50)
	staterepresentativedistrict	varchar(50)
	statesenatedistrict	varchar(50)
	tifdistrict	varchar(50)
	elemschltaxdist	varchar(50)
	highschltaxdist	varchar(50)
	unitschltaxdist	varchar(50)
	chicagoward	varchar(50)
	censustract_geoid	integer
	assessorbldgclass	varchar(50)
	assessornbhd	varchar(50)
	tax code	varchar(50)
	parceltype	varchar(50)
	pina	varchar(50)
	pinsa	varchar(50)
	pinb	varchar(50)
	pinp	varchar(50)
	pinu	varchar(50)
	the_geom	varchar(50)
	scd_start_end	timestamp
	scd_end_end	timestamp
	load_ts	timestamp
	updt_ts	timestamp
Indexes		
Unq	unq_dim_3pd_ccgis	par_addrs_id
Foreign Keys		
	fk_dim_3pd_ccgis_dim_prpty_address (par_addrs_id) ref dim_prpty_address (par_addrs_id)	

Table dim_3pd_geoloc		
Unq	3pd_geo_loc_id	integer
Unq	geography_desc	varchar(50)
	geography_type	varchar(20)
	puma_cd	integer
	agency_id	integer
	agency_desc	varchar(50)
	fld_ar_id	varchar(10)
	scd_start_end	timestamp
	scd_end_end	timestamp
	load_ts	timestamp
	updt_ts	timestamp
Indexes		
Unq	unq_dim_3po_geoloc	3pd_geo_loc_id, geography_desc
Unq	unq_dim_3pd_geoloc_3pd_geo_loc_id	3pd_geo_loc_id
Foreign Keys		
	fk_dim_3po_geoloc_fact_3po_spatial (3pd_geo_loc_id) ref fct_3pd_spatial (3pd_geo_loc_id)	
	fk_dim_3po_geoloc_fact_3po_census (3pd_geo_loc_id) ref fct_3pd_census (3pd_geo_loc_id)	

Table dim_3pd_geoloc

fk_dim_3po_geoloc_fact_3po_housingindex (3pd_geo_loc_id) ref fct_3pd_housingindex (3pd_geo_loc_id)

Table dim_exemptions

EXCODE

Use Cases:
Residential PINVAL
Reporting on Exemptions
TrueRoll/Exemption Updates

* Unq	exemp_id	integer	ETL generated unique id to identity each exemptions
* Unq	jur	varchar(6)	
* Unq	excode	varchar(6)	
* Unq	taxyr	integer	
	seq	integer	
	cur	varchar(1)	
	status	varchar(1)	
	descr	varchar(75)	
	extype	varchar(5)	
	valclass	varchar(4)	
	freq	varchar(5)	
	freqyr	integer	
	equation	varchar(10)	
	const1	integer	
	minamt	integer	
	maxamt	decimal(12,2)	
	calcpri	integer	
	sumtype	smallint	
	altsched	varchar(10)	Alternate schedule code
	rnd	smallint	Rounding for value
	user2	varchar(20)	
	scd_start_date	timestamp	slowly changing dimension start date
	scd_end_date	timestamp	slowly changing dimension end date
	updt_ts	timestamp	table update time stamp
	load_ts	timestamp	table load timestamp
Indexes			
Unq	pk_dim_exemptions_jur	jur, exemp_id, excode, taxyr	
Unq	unq_dim_exemptions_exemp_id	exemp_id	

Table dim_hearing_agent

htagnt

Notes:
These addresses are agent addresses, which are all across the US. So they has been kept seperate from the address table.

* Unq	agent_id	integer	ETL generated surrogate key to identify unique agent
* Unq	jur	varchar(6)	
* Unq	agent	varchar(6)	Agent code
	status	varchar(1)	
	name1	varchar(205)	
	addrtype	varchar(1)	Address type code (N, S, F, R, C)

Table dim_hearing_agent

	adrno	bigint	Street number
	adrstr	varchar(30)	
	cityname	varchar(40)	
	statecode	varchar(2)	
	unitno	varchar(10)	
	addr1	varchar(80)	
	zip1	varchar(5)	
	firm1	varchar(40)	Firm name/address line 1
	phone	varchar(25)	
	fax	varchar(25)	
	note1	varchar(40)	
	ssn	varchar(9)	
	email	varchar(230)	
	name1_firstname	varchar(40)	
	name1_lastname	varchar(40)	
	scd_start_date	timestamp	slowly changing dimension start date
	scd_end_date	timestamp	slowly changing dimension end date
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp

Indexes

Unq	unq_dim_hearing_agent	agent_id, jur, agent	
Unq	unq_dim_hearing_agent_age nt_id	agent_id	

Table dim_jurisdiction

Unq	jur_id	integer	ETL generated unique id to identify a jur
* Unq	jur	varchar(6)	
* Unq	jur_label	varchar(10)	Label for column JUR on screens, etc
	exauto_case	varchar(1)	Flag to generate automatic case numbers for exemptions
	thisyear	integer	
	ppyear	integer	Current tax year for personal property
	aapswd	varchar(10)	Password to change on AA definition forms
	ie_rolltype	varchar(10)	Rolltype for valclass lookup to read citax
	exremove	varchar(1)	Exemption removal status
	cama_rolltype	varchar(10)	Cama roll name
	scd_start_date	timestamp	slowly changing dimension start date
	scd_end_date	timestamp	slowly changing dimension end date
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp

Indexes

Unq	unq_dim_jurisdiction	jur_id, jur, jur_label	
Unq	unq_dim_jurisdiction_jur_id	jur_id	

Table dim_land_model

LPMOD

* Unq	land_id	integer	surrogate key
	ver	varchar(8)	
	ltype	varchar(1)	Land Type (F, S, A, G, U)
	lcode	varchar(6)	Land code
	nmod	integer	
	zmod	integer	
	lmod	integer	

Table dim_land_model

	smod	integer	
	umod	integer	
	brate	decimal(6,2)	
	scd_start_date	timestamp	slowly changing dimension start date
	scd_end_date	timestamp	slowly changing dimension end date
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp

Indexes

Unq	unq_dim_land_model	land_id	
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Table dim_outbuilding

RCOBY

* Unq	oby_id	integer	ETL generated surrogate key to identify a unique row.
	ver	varchar(8)	
	code	varchar(4)	OBV structure type code
	describ	varchar(50)	Description of factor
	nam	varchar(10)	Short version of description
	minsize	bigint	
	maxsize	bigint	
	units	smallint	
	r1	double precision	Variable to be used in Cost equation: E.G. For units =1, cost = R1 + (R2*sqft(area)) + (R3*area)
	r2	double precision	Variable to be used in Cost equation: E.G. For units =1, cost = R1 + (R2*sqft(area)) + (R3*area)
	r3	double precision	Variable to be used in Cost equation: E.G. For units =1, cost = R1 + (R2*sqft(area)) + (R3*area)
	deprt	varchar(10)	Depreciation table name
	cdutble	varchar(2)	CDU table
	gradea	decimal(3,2)	
	gradeb	decimal(3,2)	
	gradec	decimal(3,2)	
	graded	decimal(3,2)	
	gradee	decimal(3,2)	
	valmeth	decimal	Valuation Method (M(MSB))
	scd_start_date	timestamp	slowly changing dimension start date
	scd_end_date	timestamp	slowly changing dimension end date
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp

Indexes

Unq	unq_dim_outbuilding_oby_id	oby_id	
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Table dim_owner

OWNDAT and CNAME

Use Cases:
Residential PINVAL
TrueRoll/Exemption Updates
Sales Validation

* Unq	own_id	integer	ETL generated surrogate key
* Unq	jur_id	smallint	
* Unq	ownnum	varchar(20)	
	par_addrs_id	integer	
	seq	integer	
	cur	varchar(1)	

Table dim_owner

	name1	varchar(205)	
	phone	varchar(25)	
	note3	varchar(200)	
	ssn	varchar(9)	
	nameid	varchar(20)	
	taxyr	smallint	
	ownseq	smallint	
	po	boolean	Primary owner flag (1 = OWNDAT, 0 = OWNMLT)
	own1	varchar(205)	Owner name 1
	own2	varchar(205)	
	addrtype	varchar(1)	Address type code (N, S, F, R, C)
	unitno	varchar(30)	
	fedid	varchar(10)	Federal tax ID number
	stateid	varchar(15)	State tax ID number
	fax	varchar(25)	
	email	varchar(230)	
	link	varchar(15)	
	partial_owner	varchar(1)	Partial ownership indicator
	scd_start_date	timestamp	slowly changing dimension start date
	scd_end_date	timestamp	slowly changing dimension end date
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp
Indexes			
Unq	unq_dim_owner	own_id, jur_id, ownnum	
Unq	unq_dim_owner_own_id	own_id	

Table dim_prpty_address

ADDRINDX
LEGDAT
PARDAT
flood_first_street
property_address

Use Cases:
Residential model training
Condominium model training
Commercial apartments model training
Residential PINVAL
RPIE / IC PINVAL
Aggregate RPIE reporting / dashboard
Aggregate reporting by geography
Township / annual report
Reporting on appeals
Reporting on exemptions
TrueRoll / exemptions updates
Sales validation

* Unq	par_addr_id	bigint	suggorate key generated by ETL to uniquely identify a parcel.
* Unq	jur_id	smallint	
* Unq	parid	varchar(30)	
* Unq	card	integer	Building (card) number
Unq	input_src	varchar(10)	Field to determine if the row is from IASWorld or 3rd Party data.
	prpty_typ_id	smallint	
	taxyr	smallint	
	lline	integer	Line number
	tble	varchar(30)	Table name associated with this address
	seq	integer	

Table dim_prpty_address

	cur	varchar(1)	
	adarno	bigint	
	adradd	varchar(10)	
	adrdir	varchar(2)	
	adrstr	varchar(50)	
	adrsuf	varchar(8)	
	cityname	varchar(50)	
	statecode	varchar(2)	
	bldgno	varchar(10)	
	unitno	varchar(20)	
	scd_start_date	timestamp	slowly changing dimension start date
	scd_end_date	timestamp	slowly changing dimension end date
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp
	fs_fld_fctr	smallint	
	fs_fld_rsk_dir	smallint	
Indexes			
Unq	unq_dim_prpty_address_par_addr_id	par_addr_id	
Unq	unq_dim_prpty_address	par_addr_id, jur_id, parid, card, input_src	

Table dim_tax_class

VALCLASS			
* Unq	jur_id	smallint	
Unq	taxyr	smallint	
Unq	rolltype	varchar(10)	Tax roll name
Unq	valclass	varchar(4)	
	ratio1	decimal(7,4)	
Indexes			
Unq	unq_dim_tax_class	jur_id, taxyr, rolltype, valclass	
Unq	unq_dim_tax_class_rolltype	rolltype	
Unq	unq_dim_tax_class_valclass	valclass	

Table fct_3pd_census

Unq	census_geo_id	integer
Unq	geo_cd	integer
Unq	3pd_geo_loc_id	integer
	year_nu	smallint
	m_tot_pop	integer
	e_tot_pop	integer
	m_white_pop	integer
	e_white_pop	integer
	m_black	integer
	e_black	integer
	m_am_ind	integer
	e_am_ind	integer
	m_asian	integer
	e_asian	integer
	m_pac_isl	integer
	e_pac_isl	integer
	m_o1	integer
	e_o1	integer

Table fct_3pd_census		
	m_o2	integer
	e_o2	integer
	m_o3	integer
	e_o3	integer
	m_o4	integer
	e_o4	integer
	m_his	integer
	e_his	integer
	m_midincome	integer
	e_midincome	integer
	e_pcincome	integer
	m_pcincome	integer
	load_ts	timestamp
	updt_ts	timestamp
Indexes		
Unq	unq_fact_3po_census_3po_geo_loc_id	3pd_geo_loc_id, census_geo_id, geo_cd

Table fct_3pd_foreclosure		
	ris_input_dt	date
Unq	case_no	varchar(11)
Unq	par_addrs_id	bigint
	prpty_typ	varchar(30)
	sale_dt	date
	jdgmnt_amt	bigint
	sld_amt	bigint
Indexes		
Unq	unq_fct_3pd_foreclosure	case_no, par_addrs_id
Foreign Keys		
	fk_fct_3pd_foreclosure_dim_prpty_address (par_addrs_id) ref dim_prpty_address (par_addrs_id)	

Table fct_3pd_housingindex			
Unq	puma_index_id	integer	
Unq	puma_cd	integer	
Unq	3pd_geo_loc_id	integer	
	year_nu	smallint	
	q1	decimal(20,4)	quater 1 index value
	q2	decimal(20,4)	quater 2 index value
	q3	decimal(20,4)	quater 3 index value
	q4	decimal(20,4)	quater 4 index value
	load_ts	timestamp	
	updt_ts	timestamp	
Indexes			
Unq	unq_fact_3po_housingindex_3po_geo_loc_id	3pd_geo_loc_id, puma_index_id, puma_cd	

Table fct_3pd_push_pin		
Unq	par_addrs_id	bigint
Unq	sector	integer
	dt	date
	lat	double precision
	lon	double precision
	label	varchar(30)
	addition	varchar(30)

Table fct_3pd_push_pin

	construction	varchar(30)
	deck	varchar(30)
	demolished	varchar(30)
	flatwork	varchar(30)
	garage	varchar(30)
	new_	varchar(30)
	shed	varchar(30)
	others	varchar(30)
	load_ts	timestamp
	updt_ts	timestamp
Indexes		
Unq	unq_fact_3pd_push_pin	par_addrs_id, sector
Foreign Keys		
	fk_fact_3pd_push_pin_dim_prpty_address (par_addrs_id) ref dim_prpty_address (par_addrs_id)	

Table fct_3pd_spatial

Unq	geo_spatial_id	integer
Unq	3pd_geo_loc_id	integer
	object_id	integer
	date	date
	globalid	integer
	shapestarea	integer
	shapestlength	integer
	shape_type	varchar(20)
	lat	double precision
	lon	double precision
	geom_path	varchar(20)
	load_ts	timestamp
	updt_ts	timestamp
Indexes		
Unq	unq_fact_3po_spatial_3po_geo_loc_id	3pd_geo_loc_id, geo_spatial_id

Table fct_parcel_hearing_dtl

HTPAR

I think it could be combined with HTPAR. Keeping it separate for now as Mirella said.

Unq	jur_id	varchar(6)	
Unq	par_addrs_id	bigint	
Unq	taxyr	integer	
	heartyp	varchar(1)	
	subkey	integer	Unique number to allow multiple hearings per level
	seq	integer	
	cur	integer	
	caseno	varchar(15)	
	action	varchar(1)	Action code
	rolltype	varchar(10)	
	petnno	bigint	
	own1	bigint	
	addr1	varchar(80)	
	comptype	varchar(1)	
	complnt	varchar(205)	
	hrreas	varchar(2)	Hearing reason code
	txpyval	bigint	Taxpayer value
	hrstatus	varchar(3)	
	user7	varchar(40)	

Table fct_parcel_hearing_dtl

	user8	varchar(40)	
	user13	varchar(40)	
	user18	varchar(40)	
	schdte	date	Schedule date
	schtme	integer	
	hearoff	varchar(6)	Hearing official code
	appstat	varchar(3)	Application status
	resdate	date	Result date
	note2	varchar(40)	
	status	varchar(1)	Processing status
	user67	varchar(40)	
	user68	varchar(40)	
	petphone	varchar(25)	
	curland	bigint	Current Land value
	curbldg	bigint	
	proptot	bigint	Proposed total value
	stipland	bigint	Stipulated land value
	stipbldg	bigint	
	stiptot	bigint	
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp
Indexes			
Unq	unq_fct_parcel_hearing_dtl	jur_id, par_addrs_id, taxyr	
Foreign Keys			
	fk_fct_parcel_hearing_dtl_dim_prpty_address (par_addrs_id) ref dim_prpty_address (par_addrs_id)		

Table fct_parcel_hearing_hdr

HTDATES			
I think it could be combined with HTPAR. Keeping it separate for now as Mirella said.			
Unq	jur_id	smallint	
Unq	par_addrs_id	bigint	
Unq	taxyr	bigint	
	heartyp	varchar(1)	Hearing type code
	subkey	smallint	Unique number to allow multiple hearings per level
	schdte	date	
	schtme	integer	
	code	varchar(4)	Notes code
	notes	varchar(2000)	
	heartypjur	varchar(6)	Hearing Type Jurisdiction
	caseno	varchar(15)	
	user1	varchar(40)	
	userval1	real	
	udate1	date	
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp
Indexes			
Unq	unq_fct_parcel_hearing_hdr	jur_id, par_addrs_id, taxyr	

Table fct_parcel_hearing_hdr_proposed

HTPAR
HTDATES

I think it could be combined with HTPAR. Keeping it separate for now as Mirella said.

Unq	agent_id	integer	
Unq	jur_id	varchar(6)	
Unq	par_addrs_id	varchar(30)	
Unq	taxyr	integer	
	heartyp	varchar(1)	
	subkey	integer	Unique number to allow multiple hearings per level
	seq	integer	
	cur	integer	
	caseno	varchar(15)	
	action	varchar(1)	Action code
	rolltype	varchar(10)	
	petnno	bigint	
	own1	bigint	
	addr1	varchar(80)	
	comptype	varchar(1)	
	complnt	varchar(205)	
	cpaddr1	varchar(80)	Complainant address 1
	cpaddr2	varchar(80)	
	cpaddr3	varchar(80)	
	hrreas	varchar(2)	Hearing reason code
	txpyval	bigint	Taxpayer value
	hrstatus	varchar(3)	
	user7	varchar(40)	
	user8	varchar(40)	
	user13	varchar(40)	
	user18	varchar(40)	
	schdte	date	Schedule date
	schtme	integer	
	hearoff	varchar(6)	Hearing official code
	appstat	varchar(3)	Application status
	resdate	date	Result date
	note2	varchar(40)	
	status	varchar(1)	Processing status
	user67	varchar(40)	
	user68	varchar(40)	
	petphone	varchar(25)	
	curland	bigint	Current Land value
	curbldg	bigint	
	proptot	bigint	Proposed total value
	stipland	bigint	Stipulated land value
	stipbldg	bigint	
	stiptot	bigint	
	code	varchar(4)	
	notes	varchar(2000)	
	user1_hdt	varchar(40)	user defined column from HTDATES. Seperate from HTPAR.
	userval1	integer	
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp

Indexes

Unq	unq_fct_parcel_hearing_dtl_0	jur_id, par_addrs_id, taxyr, agent_id	
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Foreign Keys

Table fct_parcel_hearing_hdr_proposed

fk_fct_parcel_hearing_dim_hearing_agent (agent_id)
ref dim_hearing_agent (agent_id)

Table fct_prpty_comment_hdr

COMNT
COMNT3

Unq	jur_id	varchar(6)	
Unq	par_addrs_id	bigint	
Unq	comntno	integer	
	code	varchar(4)	
	comntstat	varchar(3)	
	comnt	varchar(80)	
	status	varchar(1)	
	caseno	varchar(15)	
	fileyr	integer	
	bldgno	varchar(10)	
	unit	varchar(2)	
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp

Indexes

Unq	unq_fct_prpty_comment_hdr	jur_id, par_addrs_id, comntno	
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Foreign Keys

fk_fct_prpty_comment_hdr_dim_prpty_address (par_addrs_id) ref dim_prpty_address (par_addrs_id)

Table fct_prpty_conveyance_hdr

CVLEG
CVOWN

Use Cases:
Commercial apartments model training
Residential PINVAL
RPIE / IC PINVAL

Unq	jur_id	varchar(6)	
Unq	conveyno	integer	
Unq	par_addrs_id	bigint	
Unq	taxyr	smallint	
	old_own_id	integer	
	cur_own_id	integer	
	parseq	smallint	
	ltaxyr	smallint	
	lseq	smallint	
	otaxyr	smallint	
	oseq	smallint	
	sqft	bigint	
	actfrt	decimal(5,1)	
	actdep	decimal(5,1)	
	user1	varchar(20)	
	saledt	date	
	price	bigint	
	oldown	varchar(205)	
	instruno	varchar(20)	
	oldown_firstname	varchar(40)	
	oldown_lastname	varchar(40)	
	ownseq	smallint	First column from CVOWN
	pown1	varchar(205)	

Table fct_prpty_conveyance_hdr

	own1	varchar(205)	Owner name 1
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp

Indexes

Unq	unq_fct_prpty_conveyance_d tl	jur_id, conveyno, par_addrs_id, taxyr	
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Foreign Keys

	fk_fct_prpty_conveyance_hdr_dim_prpty_address (par_addrs_id) ref dim_prpty_address (par_addrs_id)	
	fk_fct_prpty_conveyance_hdr_dim_owner (old_own_id) ref dim_owner (own_id)	
	fk_fct_prpty_conveyance_hdr_dim_owner_0 (cur_own_id) ref dim_owner (own_id)	

Table fct_prpty_conveyance_summary

CVTRAN
SPLCOM

Unq	jur_id	varchar(6)	
Unq	conveyno	bigint	
Unq	taxyr	smallint	
	old_own_id	integer	
	cur_own_id	integer	
	splitno	bigint	
	convstat	varchar(1)	Conveyance status
	lots	smallint	
	parsin	smallint	
	parsout	smallint	
	exfee	varchar(1)	
	resind	varchar(1)	Primary residence indicator
	realctr	varchar(1)	
	mortamt	decimal(12,2)	
	cashamt	decimal(12,2)	
	mortassm	decimal(12,2)	
	cashassm	decimal(12,2)	
	assumind	varchar(1)	
	morttype	varchar(1)	
	actconsid	decimal(12,2)	Actual consideration
	considamt	bigint	
	armslen	varchar(1)	
	useind	varchar(1)	
	book	varchar(8)	
	oldown	varchar(205)	
	own1	varchar(205)	
	saletype	varchar(1)	
	saleval	varchar(2)	
	note1	varchar(80)	
	asmt	bigint	
	nopar	smallint	
	instruno	varchar(20)	
	instrtyp	varchar(6)	
	aprtot	bigint	
	asr	decimal(7,4)	
	user1	varchar(20)	
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp

Indexes

Table fct_prpty_conveyance_summary

Unq	unq_fct_prpty_conveyance_h dr	jur_id, conveyno, taxyr	
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Foreign Keys

	fk_fct_prpty_conveyance_summary_dim_owner (old_own_id) ref dim_owner (own_id)	
	fk_fct_prpty_conveyance_summary_dim_owner_0 (cur_own_id) ref dim_owner (own_id)	

Table fct_prpty_exemption_dtl

EXDET

Use Cases:

Residential PINVAL

Reporting on exemptions

TrueRoll / exemptions updates

Unq	exemp_id	integer	
Unq	jur_id	varchar(6)	
Unq	par_addr_id	bigint	
Unq	taxyr	integer	
Unq	card	smallint	Building (card) number
	lline	smallint	
Unq	caseno	varchar(15)	
	excode	varchar(6)	
	lineno	smallint	
	seq	smallint	
	cur	varchar(1)	
	status	varchar(1)	
	procname	varchar(10)	
	procdte	date	
	scrn	varchar(4)	Screen name to which this exemption applies
	fld	varchar(15)	Column name to which this exemption applies
	rolltype	varchar(10)	
	valclass	varchar(4)	
	override	varchar(3)	Override indicator
	ovrval	decimal(14,4)	
	yrbeg	smallint	Year exemption begins
	const1	real	
	const2	real	Constant value 2
	apland	decimal(12,2)	Applied exemption land value
	apbldg	decimal(12,2)	
	apother	decimal(12,2)	
	reciptble	varchar(10)	Table where value to be exempted is located
	recipfld	varchar(15)	
	recipline	smallint	Line number where value to be exempted is located
	reascd	varchar(4)	
	userval8	decimal(12,2)	
	user1	varchar(100)	
	user2	varchar(100)	
	user3	varchar(100)	
	user4	varchar(100)	
	user5	varchar(100)	
	user6	varchar(100)	
	user7	varchar(100)	
	user8	varchar(100)	
	user9	varchar(100)	
	user10	varchar(100)	
	user100	varchar(100)	

Table fct_prpty_exemption_dtl

	deactivat	date	
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp
Indexes			
Unq	unq_fct_prpty_exemption_dtl	jur_id, par_addrs_id, taxyr, card, caseno, exemp_id	
Foreign Keys			
	fk_fct_prpty_exemption_dtl_dim_exemptions (exemp_id) ref dim_exemptions (exemp_id)		
	fk_fct_prpty_exemption_dtl_dim_prpty_address (par_addrs_id) ref dim_prpty_address (par_addrs_id)		

Table fct_prpty_exemption_hdr

EXADMIN

Use Cases:
Reporting on exemptions
TrueRoll / exemptions updates

Unq	exemp_id	integer	
Unq	jur_id	varchar(6)	
Unq	par_addrs_id	bigint	
Unq	taxyr	integer	
Unq	caseno	varchar(15)	
	seq	smallint	
	cur	varchar(1)	
	exappl	varchar(15)	Exemption application number
	excode	varchar(6)	
	exdate	date	
	exstat	varchar(1)	
	endyr	smallint	
	repname	varchar(100)	Representative name
	repaddr1	varchar(100)	Representative address line 1
	repaddr2	varchar(100)	
	repaddr3	varchar(100)	
	repphone	varchar(25)	
	ownnum	varchar(20)	
	note1	varchar(40)	
	note2	varchar(40)	
	user1	varchar(100)	
	user2	varchar(100)	
	user3	varchar(100)	
	contact1	varchar(100)	
	contact2	varchar(100)	
	contact_addr1	varchar(100)	Contact Address Line 1
	contact_addr2	varchar(100)	
	contact_addr3	varchar(100)	
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp
Indexes			
Unq	unq_fct_prpty_exemption_hdr	jur_id, par_addrs_id, taxyr, caseno, exemp_id	
Foreign Keys			
	fk_fct_prpty_exemption_hdr_dim_exemptions (exemp_id) ref dim_exemptions (exemp_id)		
	fk_fct_prpty_exemption_hdr_dim_exemptions_0 (exemp_id) ref dim_exemptions (exemp_id)		

Table fct_prpty_exemption_hdr

fk_fct_prpty_exemption_hdr_dim_prpty_address (par_addrs_id) ref dim_prpty_address (par_addrs_id)	
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Table fct_prpty_features_dtl

COMDAT
DWELDAT
ADDN
COMFEAT
COMTEXT
LAND

Use Cases:

Residential model training
Condominium model training
Commercial apartments model training
Residential PINVAL
RPIE / IC PINVAL
Aggregate reporting by geography
Township / annual report
Reporting on appeals
Reporting on exemptions
TrueRoll / exemptions updates
Sales validation

Unq	jur_id	smallint	
Unq	par_addrs_id	varchar(30)	
Unq	card	real	
Unq	prpty_typ_id	smallint	
Unq	taxyr	smallint	
	seq	smallint	
	cur	smallint	
	status	varchar(1)	
	bldnum	varchar(4)	
	yrbld	varchar(4)	
	effyr	smallint	
	units	smallint	
	grade	varchar(4)	
	gfact	decimal(3,2)	
	useradj	decimal(6,4)	
	rcn	bigint	
	depr	decimal(5,2)	
	mktadj	decimal(5,2)	
	mktrsn	varchar(2)	
	adjfact	decimal(7,5)	
	bldgval	bigint	
	rectype	varchar(1)	
	exmppct	decimal(5,2)	
	exmpval	bigint	
	cdu	varchar(2)	Override depreciation table Condition/desirability/utility code
	convbldg	bigint	
	user11	varchar(20)	
	user17	varchar(20)	
	stories	smallint	First uncommon column from DWELDAT
	rmtot	smallint	Total rooms
	rmbd	smallint	
	fixbath	smallint	
	fixhalf	smallint	Number half bathrooms
	fixtot	smallint	Total plumbing fixtures
	plumval	integer	
	bsmtval	integer	
	heatval	integer	

Table fct_prpty_features_dtl

	atticval	integer	
	wbfpval	integer	Wood burning fireplace value
	bgarval	integer	Basement garage value
	mgfa	integer	Main section ground floor area
	sfla	integer	Total living area
	adjarea	integer	Adjusted area
	cnstval	integer	Construction factor value
	subtval	integer	Sub total value
	rcnval	integer	Replacement cost new of dwelling
	rcnld	integer	Replacement cost new less depreciation
	adjrcnld	integer	Adjusted replacement cost new less depreciation
	areasum	integer	Sum of designated structure areas
	lline	smallint	
	area	integer	Area of this line. First uncommon column from ADDN.
	grdfact	decimal(3,2)	Grade factor
	price	integer	Value of other features line. first uncommon column from COMFEAT
	perim	integer	Perimeter of the building/line. First uncommon column from COMINTEXT.
	sf	integer	Total SF (stories * area)
	wallhgt	smallint	
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp

Indexes

Unq	unq_fct_prpty_features_dtl	jur_id, par_addrs_id, card, taxyr, prpty_typ_id	
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Foreign Keys

	fk_fct_prpty_features_dtl (jur_id) ref dim_jurisdiction (jur_id)	
	fk_fct_prpty_features_dtl1 (par_addrs_id) ref dim_prpty_address (par_addrs_id)	

Table fct_prpty_features_hdr

APRVAL
ASMT_HIST

Use Cases:

Residential model training
Condominium model training
Commercial apartments model training
Residential PINVAL
RPIE / IC PINVAL
Aggregate reporting by geography
Township / annual report
Reporting on appeals
Reporting on exemptions
TrueRoll / exemptions updates
Sales validation

Unq	jur_id	smallint	
Unq	par_addrs_id	bigint	
Unq	prpty_typ_id	smallint	
Unq	taxyr	integer	
Unq	rolltype	varchar(10)	First Column from ASMT_HIST.
	seq	smallint	
	cur	varchar(1)	
	status	varchar(1)	
	reascd	varchar(4)	
	aprland	bigint	Appraised land value

Table fct_prpty_features_hdr

	aprbldg	bigint	Appraised building value
	landval	bigint	Total land cost value
	bldgval	bigint	Building value
	costval	bigint	Total cost value
	costdt	date	Cost value date
	income	bigint	Total income value
	mktval	bigint	
	mktdt	date	Total market date
	dwelval	bigint	Total dwelling value
	obyval	bigint	Total OBY value
	comval	bigint	Commercial building cost value
	totresla	bigint	Total residential living area
	totcomla	bigint	Total commercial living area
	revdt	date	Review date
	revland	date	Reviewer land value estimate
	revbldg	bigint	
	revtot	bigint	
	exmpval	bigint	
	aprtot	bigint	Total appraised value
	assmkt	bigint	Total assessed value
	valyear	integer	Valuation year.
	valclass	varchar(4)	
	totasm1	bigint	Computed assessed value 1
	valasm1	bigint	assessed value 1
	totasm2	bigint	Computed assessed value 2
	valasm2	bigint	assessed value 2
	totapr1	bigint	Computed aappraised value 1
	valapr1	bigint	Appraised value 1
	tottax	integer	Total Tax
	valtax	integer	Taxes
	load_ts	timestamp	
	updt_ts	timestamp	

Indexes

Unq	unq_fct_prpty_features_hdr_par_addrs_id	par_addrs_id	
Unq	unq_fct_prpty_features_hdr	jur_id, par_addrs_id, taxyr, rolltype, prpty_typ_id	

Foreign Keys

	fk_fct_prpty_features_header_dim_jurisdiction (jur_id) ref dim_jurisdiction (jur_id)	
	fk_fct_prpty_features_header_dim_prpty_address (par_addrs_id) ref dim_prpty_address (par_addrs_id)	
	fk_fct_prpty_features_hdr_dim_tax_class (rolltype) ref dim_tax_class (rolltype)	
	fk_fct_prpty_features_hdr_dim_tax_class_0 (valclass) ref dim_tax_class (valclass)	

Table fct_prpty_oby_dtl

OBY			
Unq	oby_id	integer	
Unq	jur_id	varchar(6)	
Unq	par_addrs_id	varchar(30)	
Unq	card	smallint	
Unq	taxyr	smallint	
	lline	smallint	
	seq	smallint	

Table fct_prpty_oby_dtl

	cur	varchar(1)	
	status	varchar(1)	
	code	varchar(4)	
	yrblt	smallint	
	area	bigint	
	cond	varchar(1)	
	units	decimal(8,2)	
	curmult	decimal(4,3)	
	locmult	decimal(4,3)	
	rate	decimal(12,4)	
	rcn	bigint	
	adjfact	decimal(7,5)	
	adjrcnld	bigint	
	exmpct	decimal(5,2)	
	exmpval	bigint	
	convoby	bigint	Conveyance oby
	chgrsn	varchar(2)	Reason code for change of value
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp

Indexes

Unq	unq_fct_prpty_oby_dtl	jur_id, par_addrs_id, card, taxyr, oby_id	
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Foreign Keys

	fk_fct_prpty_oby_dtl_dim_outbuilding (oby_id) ref dim_outbuilding (oby_id)		
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Table fct_prpty_sales_hdr

SALES
CCRD

Use Cases:

Residential model training
 Condominium model training
 Residential PINVAL
 Aggregate reporting by geography
 Township / annual report
 Reporting on appeals
 Reporting on exemptions
 Sales validation

Unq	jur_id	varchar(6)	
Unq	par_addrs_id	varchar(30)	
Unq	input_src	varchar(10)	Column which specifies if input source is from SALES table or CCRD.
	old_own_id	integer	
	cur_own_id	integer	
Unq	saledt	date	
	stampval	double precision	
	price	decimal(10,0)	
	seq	integer	Version number of this record
	salekey	integer	Key pointing to the sale
	cur	varchar(1)	Current record indicator
	oldyr	smallint	
	oldseq	smallint	
	newyr	smallint	
	newseq	smallint	
	oldown	varchar(205)	
	saletype	varchar(1)	Sale type code (land or land and building)
	saleval	varchar(2)	Sale validity code
	note2	varchar(80)	

Table fct_prpty_sales_hdr

	note3	varchar(80)	
	nopar	smallint	Number of parcels
	instruno	varchar(20)	
	instrtyp	varchar(6)	
	adjprice	decimal(10,0)	Adjusted sales price
	aprtot	decimal(10,0)	Total appraised value
	asr	decimal(7,4)	Assessment to sale ratio
	load_ts	timestamp	table load timestamp
	updt_ts	timestamp	table update time stamp

Indexes

Unq	unq_fct_prpty_sales	jur_id, par_addrs_id, saledt, input_src	
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Foreign Keys

	fk_fct_prpty_sales_hdr_dim_prpty_address (par_addrs_id) ref dim_prpty_address (par_addrs_id)	
	fk_fct_prpty_sales_hdr_dim_owner (old_own_id) ref dim_owner (own_id)	
	fk_fct_prpty_sales_hdr_dim_owner_0 (cur_own_id) ref dim_owner (own_id)	

Table fct_prpty_split

SPLCOM

* Unq	jur_id	smallint	
Unq	old_par_addrs_id	bigint	
Unq	cur_par_ddrs_id	bigint	
Unq	taxyr	smallint	
Unq	splitno	integer	
Unq	seq	integer	
	oldzoning	varchar(8)	
	newzoning	varchar(8)	
	oldnbhd	varchar(8)	
	newnbhd	varchar(8)	

Indexes

Unq	unq_fct_prpty_split	jur_id, old_par_addrs_id, cur_par_ddrs_id, taxyr, splitno, seq	
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Foreign Keys

	fk_fct_prpty_split_fct_prpty_features_hdr (old_par_addrs_id) ref fct_prpty_features_hdr (par_addrs_id)	
	fk_fct_prpty_split_fct_prpty_features_hdr_0 (cur_par_ddrs_id) ref fct_prpty_features_hdr (par_addrs_id)	
	fk_fct_prpty_split_fct_prpty_features_hdr (old_par_addrs_id) ref dim_prpty_address (par_addrs_id)	
	fk_fct_prpty_split_fct_prpty_features_hdr_0 (cur_par_ddrs_id) ref dim_prpty_address (par_addrs_id)	